

INCIDENTS CAUSING DEATH
IN THE UNITED STATES, 1979
—
ABSTRACT



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DEPARTMENT OF COMMERCE AND LABOR

1051 -
BUREAU OF THE CENSUS

E. DANA DURAND, DIRECTOR

THIRTEENTH CENSUS
OF THE
UNITED STATES

TAKEN IN THE YEAR 1910

ABSTRACT OF THE CENSUS

STATISTICS OF POPULATION, AGRICULTURE, MANUFACTURES, AND MINING
FOR THE UNITED STATES, THE STATES, AND PRINCIPAL CITIES

WITH

SUPPLEMENT FOR CALIFORNIA

CONTAINING STATISTICS FOR THE STATE
COUNTIES, CITIES, AND OTHER DIVISIONS



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ORGANIZATION OF THE BUREAU OF THE CENSUS
DURING THE THIRTEENTH DECENNIAL CENSUS : 1909-1912



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CONTENTS.

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SUMMARY OF CHAPTERS.

	Page.
INTRODUCTION.....	15
POPULATION.	
1. NUMBER AND DISTRIBUTION OF INHABITANTS.....	21
2. COLOR OR RACE, NATIVITY, PARENTAGE; SEX; POPULATION 21 YEARS OF AGE AND OVER; MALES OF MILITIA AGE.....	77
3. AGE AND MARITAL CONDITION.....	121
4. STATE OF BIRTH OF NATIVE POPULATION.....	169
5. POPULATION OF FOREIGN BIRTH AND FOREIGN PARENTAGE, BY COUNTRY OF ORIGIN.....	187
6. THE FOREIGN-BORN POPULATION—DATE OF IMMIGRATION.....	215
7. SCHOOL ATTENDANCE AND ILLITERACY.....	219
8. DWELLINGS AND FAMILIES.....	259
AGRICULTURE.	
9. FARMS AND FARM PROPERTY.....	265
10. TENURE, MORTGAGE INDEBTEDNESS, COLOR AND NATIVITY OF FARMERS, AND SIZE OF FARMS.....	285
11. LIVE STOCK ON FARMS AND ELSEWHERE.....	309
12. LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS.....	343
13. FARM CROPS—ACREAGE, PRODUCTION, AND VALUE.....	359
14. IRRIGATION AND IRRIGATED CROPS.....	422
MANUFACTURES.	
15. STATISTICS FOR STATES, CITIES, AND INDUSTRIES.....	437
MINES AND QUARRIES.	
16. MINES AND QUARRIES.....	541

ABSTRACT OF THE CENSUS.

INTRODUCTION.

	Page.		Page.
Scope and character of the report.....	13	Organization of the Thirteenth Decennial Census.....	15

POPULATION.

	Page.		Page.
CHAPTER 1.—NUMBER AND DISTRIBUTION OF INHABITANTS.		MAPS.	
Population of the United States and of states and territories.....	21	Per cent of increase in total population, by states: 1900-1910..	23
Area of enumeration in 1910.....	21	Population per square mile, by states: 1910.....	29
United States.....	21	Center of population at each census: 1790-1910.....	31
Divisions and states.....	22	Per cent urban in total population, by states: 1910.....	54
Rank according to population: 1790-1910.....	24	Per cent of increase in urban population, by states: 1900-1910.....	58
Apportionment of representation.....	26	1910.....	58
Population for apportionment purposes: 1910.....	26	Per cent of increase in rural population, by states: 1900-1910..	58
Number of members in the House of Representatives under each apportionment: 1789-1910.....	27	CHAPTER 2.—COLOR OR RACE, NATIVITY, PARENTAGE; SEX; POPULATION 21 YEARS OF AGE AND OVER; MALES OF MILITIA AGE.	
Area and density of population.....	28	Color or race, nativity, and parentage of the total population..	77
Area.....	28	United States as a whole.....	77
Population per square mile.....	28	General summary: 1910 and 1900.....	77
Center of population.....	30	White and negro population.....	78
Population of counties.....	32	Indian, Chinese, and Japanese population.....	79
Urban and rural population.....	54	Black and mulatto population.....	79
Proportion urban and rural.....	54	Native and foreign-born population.....	80
Increase in urban and rural population.....	55	White population by nativity and parentage.....	80
Communities classified according to size.....	59	Divisions and states.....	81
Proportion in the several classes of communities.....	59	Population by color or race, nativity, and parentage..	81
Growth of the several classes of urban communities.....	60	White population by nativity and parentage.....	88
Metropolitan districts.....	61	Increase by color or race, nativity, and parentage....	89
Population of individual cities.....	63		

Color or race, nativity, and parentage of the total population— Continued.	Page.		
Urban and rural population	91		
Principal cities	93		
Classification by sex	97		
United States as a whole	97		
General summary: 1910 and 1900	97		
Comparison with earlier censuses	97		
Divisions and states	98		
Urban and rural population	102		
Principal cities	103		
Population 21 years of age and over	106		
All persons 21 years of age and over	106		
General summary: 1910	106		
Sex ratios, by divisions and states	106		
Males 21 years of age and over	107		
United States as a whole	107		
Divisions and states	108		
Urban and rural communities	112		
Principal cities	113		
Citizenship of foreign-born whites	116		
Females 21 years of age and over	117		
Males of militia age (18 to 44 years)	119		
DIAGRAMS.			
Color or race, nativity, and parentage, by states: 1910	87		
Color or race, nativity, and parentage, by divisions: 1910 and 1900	88		
Color or race, nativity, and parentage, in urban and rural communities, by divisions: 1910	91		
Color or race, nativity, and parentage in cities of 100,000 inhabitants or more: 1910	94		
Number of males to 100 females in urban and rural communities, by divisions: 1910	102		
Color or race, nativity, and parentage of males 21 years of age and over, by states: 1910	109		
Color or race, nativity, and parentage of males 21 years of age and over in urban and rural communities, by divisions: 1910	112		
MAPS.			
Percentage of negroes in the total population: 1910	84		
Percentage of foreign-born whites in the total population: 1910	84		
Percentage of native whites of foreign or mixed parentage in the total population: 1910	85		
Percentage of foreign-born whites and native whites of foreign or mixed parentage combined in the total population: 1910	85		
Ratio of males to females in the total population: 1910	98		
CHAPTER 3.—AGE AND MARITAL CONDITION.			
Age:			
United States as a whole	121		
Classification by 5-year age periods: 1910	121		
Classification by broader age periods: 1910	125		
Comparison with previous censuses	127		
Divisions and states	128		
Geographic divisions	128		
Urban and rural communities	129		
Principal cities	130		
Marital condition:			
United States as a whole	146		
Age groups	147		
Color or race, nativity, and parentage classes	148		
Comparisons with previous censuses	151		
Divisions and states	153		
Total population, by divisions	153		
Color or race, nativity, and parentage classes, by divisions	153		
States	155		
Urban and rural communities	155		
Principal cities	155		
DIAGRAMS.			
Distribution by age periods of total population: 1910	121		
Distribution by age periods of the principal classes of the population: 1910:			
Native white of native parentage	124		
Native white of foreign or mixed parentage	124		
Foreign-born white	124		
Negro	124		
Distribution by age periods of native white and negro and of foreign-born population: 1910	125		
Distribution by age periods of total population, by divisions: 1910	128		
Distribution by age periods of urban and rural population, by divisions: 1910	129		
Marital condition of population: 1910	147		
Marital condition of principal classes of the population, by age periods: 1910	151		
Marital condition of the total population 15 years of age and over, by divisions: 1910	153		
CHAPTER 4.—STATE OF BIRTH OF NATIVE POPULATION.			
General extent of migration of native population within the United States	169		
Interdivisional migration	170		
Division of birth in relation to division of residence	173		
Migration of native white and native negro population	174		
Migration to the several divisions from other divisions and from foreign countries	174		
Migration to the several states from other states and from foreign countries	175		
Interstate migration	176		
State of birth in relation to state of residence	177		
MAPS.			
Gain or loss in native population by interstate migration: 1910	176		
Percentage of population born in each state living in other states: 1910	178		
Percentage of native population living in each state born in other states: 1910	178		
DIAGRAMS.			
Distribution of total population of each state, by place of birth: 1910	177		
Distribution of natives of each state, by place of residence: 1910	177		
Migration of native population from and to each state: 1910	186		
CHAPTER 5.—POPULATION OF FOREIGN BIRTH AND FOREIGN PARENTAGE, BY COUNTRY OF ORIGIN.			
Definition of terms	187		
Mother-tongue statistics	187		
United States as a whole	188		
Total foreign born, by country of birth: 1910 and 1900	188		
Comparison for censuses of 1860 to 1910	190		
Immigration in relation to foreign-born population	190		
Foreign born, by sex	191		
Foreign born from Germany, Austria, Hungary, and Russia, classified by mother tongue	192		
Foreign white stock: 1900 and 1910	192		
Divisions and states	195		
Total foreign born, by divisions	195		
Foreign white stock, by divisions	198		
Foreign born and foreign white stock, by states	199		
In urban and rural communities	199		
In principal cities	200		
DIAGRAMS.			
Foreign-born population, by principal countries of birth: 1910 and 1900	189		
Per cent of the foreign-born population born in the principal countries: 1910	189		

	Page.
Per cent of the foreign-born population born in the principal countries: 1900.....	189
Per cent of the foreign white stock, by principal countries of origin: 1910.....	192
Foreign white stock, by principal countries of origin: 1910.....	194
 CHAPTER 6.—FOREIGN-BORN POPULATION—DATE OF IMMIGRATION.	
United States as a whole.....	215
Divisions and states.....	216
Urban and rural communities.....	217
Principal cities.....	218

CHAPTER 7.—SCHOOL ATTENDANCE AND ILLITERACY.	
School attendance.....	219
United States as a whole: 1909-10.....	219
Persons attending school:	
Classified by color or race, nativity, and parentage.....	219
Classified by sex.....	219
Classified by age groups.....	220
Percentage attending school:	
Classified by age groups.....	220
Classified by color or race, nativity, and parentage.....	221
Classified by sex.....	222
Urban and rural population.....	222
Divisions and states: 1909-10.....	223
Number and percentage attending school, by age groups:	
Persons 6 to 20 years of age.....	223
Children 6 to 14 years of age.....	225
Persons 6 to 20 years of age, urban and rural.....	226
Principal cities: 1909-10.....	231
Comparative summary: 1910 and 1900.....	236
United States as a whole.....	236
Divisions and states.....	236

CHAPTER 9.—FARMS AND FARM PROPERTY.	
United States as a whole: 1910 and 1900.....	265
Farms and farm land, by divisions and states: 1910 and 1900.....	266
Geographic distribution of farms and farm land.....	266
Increases and decreases: 1900-1910.....	267
Percentage of land in farms and percentage improved.....	270
Average size of farms.....	271
Value of farm property, by divisions and states: 1910 and 1900.....	274
Geographic distribution of farm values.....	274
Increase in value of farm property.....	274
Average value of farm property per acre of land.....	278
Average value of farm property per farm.....	278
Farms and farm property: 1850 to 1910.....	281
United States as a whole.....	281
Geographic divisions.....	282

MAPS.

Per cent land in farms forms of total land area, by counties: 1910.....	272
Per cent improved land in farms forms of total land area, by counties: 1910.....	273
Average value of land in farms per acre, by counties: 1910.....	275

CHAPTER 10.—TENURE, MORTGAGE INDEBTEDNESS, COLOR AND NATIVITY OF FARMERS, AND SIZE OF FARMS.	
Tenure of farms.....	285
United States as a whole: 1910 and 1900.....	285
Geographic divisions.....	286
Main tenure classes: 1910 and 1900.....	286
Number of farms for all tenure groups: 1910 and 1900.....	288
States: 1910 and 1900.....	289

Illiteracy.....	239
Population 10 years of age and over:	
United States as a whole.....	239
Number of illiterates.....	239
Percentage of illiteracy.....	239
Sex.....	240
Age groups.....	240
Urban and rural population.....	240
Divisions and states.....	242
Percentage of illiteracy.....	243
Sex.....	248
Urban and rural population.....	248
Principal cities.....	249
Children from 10 to 14 years of age.....	254
United States as a whole.....	254
Divisions and states.....	254
Males 21 years of age and over.....	255
United States as a whole.....	255
Divisions and states.....	255
Principal cities.....	255

MAPS.

Percentage of illiteracy in the population 10 years of age and over: 1910.....	246, 247
Total population.....	246
Native whites of native parentage.....	246
Foreign-born whites.....	247
Negroes.....	247

CHAPTER 8.—DWELLINGS AND FAMILIES.

United States as a whole.....	259
Divisions and states.....	259
Urban and rural communities.....	260
Principal cities.....	260

AGRICULTURE.

	Page.
Farm mortgages.....	292
Number of farms mortgaged.....	292
Amount of mortgage debt.....	293
Statistics by states.....	295
Color and nativity of farmers.....	296
Number of native white, foreign-born white, and colored farmers, by tenure: 1910.....	296
Number of farmers, classified by color: 1910 and 1900.....	298
Country of birth of white farmers: 1910.....	298
Color and tenure of farmers in the South: 1910 and 1900.....	299
Farms, classified by size.....	303
United States as a whole: 1910 and 1900.....	303
Geographic divisions.....	303
States: 1910 and 1900.....	306

DIAGRAMS.

Number of farms, classified by character of tenure of operator: 1910.....	289
Acreage of all land in farms, classified by character of tenure of operator: 1910.....	289
Number of farms operated by their owners, free and mortgaged: 1910.....	293
Number of farms, classified by color and nativity of operator: 1910.....	296

CHAPTER 11.—LIVE STOCK ON FARMS AND ELSEWHERE.

All live stock on farms.....	309
Domestic animals on farms.....	310
Cattle on farms.....	313
United States as a whole.....	313
Divisions and states.....	314

	Page.		Page.
Horses, mules, and asses and burros on farms.....	319	The cereals—Continued.....	
United States as a whole.....	319	Oats.....	382
Divisions and states.....	320	Barley.....	386
Swine on farms.....	327	Rye.....	386
United States as a whole.....	327	Buckwheat.....	386
Divisions and states.....	327	Emmer and spelt.....	387
Sheep and goats on farms.....	329	Kafir corn and milo maize.....	387
United States as a whole.....	329	Rice.....	387
Divisions and states.....	330	Other grains and seeds.....	392
Poultry on farms.....	334	Dry edible beans and dry peas.....	392
Bees on farms.....	337	Peanuts.....	393
Domestic animals not on farms.....	337	Flaxseed.....	393
Domestic animals on farms and not on farms.....	342	Grass seed and flower and vegetable seeds.....	394
		Minor seeds with acreage reports.....	395
		Hay and forage.....	396
		Vegetables.....	398
		Potatoes.....	398
		Sweet potatoes and yams.....	399
		Other vegetables.....	401
		Tobacco.....	402
		Cotton and cotton seed.....	404
		Sugar crops.....	406
		Sugar cane and products.....	406
		Sorghum cane and sirup, sugar beets, and maple sugar and sirup.....	407
		Sundry minor crops.....	408
		Broom corn, hemp, hops, miscellaneous, and by-products.....	408
		Fruits and nuts.....	409
		Small fruits.....	409
		Orchard fruits.....	410
		Apples.....	411
		Peaches and nectarines.....	412
		Pears.....	412
		Plums and prunes.....	413
		Cherries.....	413
		Apricots.....	414
		Quinces.....	414
		Grapes.....	414
		Tropical and subtropical fruits.....	415
		Oranges, lemons, pomeloes (grapefruit), other citrus fruits, figs, pineapples, and olives.....	415
		Other tropical and subtropical fruits.....	416
		All nuts.....	416
		Almonds, pecans, and Persian or English walnuts.....	416
		Flowers and plants, nursery products, and forest products.....	418
		MAPS.	
All cattle on farms—Number, by states: April 15, 1910.....	318	All farm crops—Value, by states: 1909.....	371
Dairy cows on farms—Number, by states: April 15, 1910.....	318	Acreage, by states: 1909:	
All horses, mules, and asses and burros on farms—Number, by states: April 15, 1910.....	326	All cereals.....	376
All swine on farms—Number, by states: April 15, 1910.....	326	Corn.....	384
All sheep on farms—Number, by states: April 15, 1910.....	331	Wheat.....	384
All fowls on farms—Number, by states: April 15, 1910.....	335	Oats.....	385
		Hay and forage.....	385
		Cotton.....	405
		Fruits and nuts—Value, by states: 1909.....	417
		DIAGRAMS.	
CHAPTER 12.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS.		Land area, distribution: April 15, 1910.....	362
Dairy products.....	343	Crop acreage: 1909.....	362
United States as a whole: 1909 and 1899.....	343	Improved land, distribution: 1909.....	362
Divisions and states.....	344	Improved land, distribution: 1899.....	362
Production of dairy products: 1909 and 1899.....	344	Value of all crops, distribution by crops: 1909.....	362
Sales of dairy products: 1909 and 1899.....	346	Value of all crops, distribution by divisions: 1909.....	362
Wool and mohair.....	350	Value of all crops, distribution by crops, by divisions: 1909.....	366
United States as a whole: 1909 and 1899.....	350		
Divisions and states: 1909 and 1899.....	350		
Mohair and goat hair: 1909 and 1899.....	351		
Poultry and eggs.....	353		
United States as a whole: 1909 and 1899.....	353		
Divisions and states: 1909 and 1899.....	354		
Honey and wax: 1909 and 1899.....	356		
Domestic animals sold or slaughtered on farms.....	356		
United States as a whole: 1909.....	356		
Divisions and states: 1909.....	357		
CHAPTER 13.—FARM CROPS—ACREAGE, PRODUCTION, AND VALUE.			
Crops in general.....	359		
United States as a whole.....	359		
Acreage and value of all crops: 1909 and 1899.....	359		
Relative importance of different crops: 1909 and 1899.....	361		
Relation of prices to increase in value: 1899 to 1909.....	363		
Increase of crop production and consumption: 1899 to 1909.....	364		
Acreage of leading crops: 1879 to 1909.....	364		
Divisions and states.....	364		
Distribution of all crops, by divisions: 1909 and 1899.....	364		
Relative importance of leading crops in the total production of each division, section, and state: 1909.....	365		
Relative importance of the divisions and sections in the production of leading crops: 1909.....	368		
Acreage and value of crops, by states: 1909 and 1899.....	369		
Sale and purchase of feedable crops: 1909.....	371		
Expenditures for labor and fertilizers on farms.....	372		
Expenditures for labor: 1909 and 1899.....	372		
Expenditures for fertilizers: 1909 and 1899.....	374		
The cereals.....	374		
Corn.....	378		
Wheat.....	380		

CHAPTER 14.—IRRIGATION AND IRRIGATED CROPS.

	Page.
The arid region.....	422
Summary.....	422
Farms and acreage irrigated.....	423
Number of farms irrigated.....	423
Acreage irrigated.....	423
Acreage irrigated in 1909, acreage enterprises were capable of irrigating in 1910, and acreage included in projects.....	424
Acreage irrigated, classified by source of water supply.....	425
Irrigation works.....	426
Number of enterprises and number and length of ditches.....	426
Reservoirs, wells, and pumping plants.....	426

	Page.
Cost.....	427
Average cost per acre.....	427
Average cost per acre, by type of enterprise.....	428
Average cost per acre, by size groups.....	428
Operation and maintenance.....	429
Crops.....	429
Average yields per acre.....	430
Average values per acre.....	430
Comparison with preceding census.....	431
Irrigation for rice growing.....	431
Louisiana, Texas, and Arkansas.....	432
Farms reporting.....	432
Acreage irrigated.....	432

MANUFACTURES.

CHAPTER 15.—STATISTICS FOR STATES, CITIES, AND INDUSTRIES.

	Page.
General summary.....	437
Continental United States and noncontiguous territory.....	437
Explanation of terms.....	437
United States as a whole.....	438
Comparison for 1909, 1904, and 1899.....	438
Comparison with earlier censuses.....	439
Leading industries.....	440
States and geographic divisions.....	444
Fifty leading cities.....	448
Distribution according to size of communities.....	449
Persons engaged in manufacturing industries.....	451
Definitions and explanations.....	451
United States as a whole.....	452
Occupational status by leading industries.....	453
Comparison with previous censuses as to occupational status.....	454
Sex and age distribution, by leading industries.....	454
Sex and age distribution, by states.....	456
Comparison with previous censuses as to sex and age.....	457
Comparison of sex and age distribution in selected industries: 1909, 1904, and 1899.....	457
Divisions and states: 1909, 1904, and 1899.....	458
Wage earners employed, by months.....	459
Character of ownership.....	461
Summary for United States.....	461
Proportion of business done by corporations in the principal industries: 1909 and 1904.....	461
Proportion of business done by corporations, by states: 1909 and 1904.....	462
Size of establishments.....	464
Summary for United States.....	464
Relative importance of establishments producing products valued at \$1,000,000 or over in the principal industries.....	465
Relative importance of establishments producing products valued at \$1,000,000 or over, by states.....	466
Establishments grouped by number of wage earners.....	468
Distribution of expenses.....	470
Leading industries.....	470
States.....	470
Engines and power.....	471
Summary for United States: 1909, 1904, and 1899.....	471
Leading industries.....	472
States.....	473
Supplementary data regarding important industries.....	475
Food and kindred products.....	475
Butter, cheese, and condensed milk.....	475
Canning and preserving.....	475
Flour-mill and gristmill products.....	476
Rice, cleaning and polishing.....	477

Supplementary data regarding important industries—Contd.

	Page.
Food and kindred products—Continued.....	
Slaughtering and meat packing.....	477
Sugar.....	478
Textiles.....	479
Carpets and rugs.....	480
Cordage and twine and jute and linen goods.....	481
Cotton goods, including cotton small wares.....	482
Felt goods.....	482
Hats, fur-felt and wool-felt.....	483
Hosiery and knit goods.....	483
Oilcloth and linoleum.....	484
Shoddy.....	485
Silk and silk goods.....	485
Woolen and worsted goods.....	486
Iron and steel.....	487
Blast furnaces.....	488
Steel works and rolling mills.....	488
Tin plate and terneplate.....	491
Wire.....	492
Leather and its products.....	492
Leather.....	493
Boots and shoes.....	493
Gloves and mittens, leather.....	494
Chemicals and allied products.....	494
Chemicals.....	495
Coke.....	496
Dyestuffs and extracts.....	496
Explosives.....	497
Fertilizers.....	498
Gas, illuminating and heating.....	498
Glucose and starch.....	499
Cottonseed oil and cake.....	499
Oil, essential.....	500
Paint and varnish.....	500
Petroleum, refining.....	501
Salt.....	501
Soap.....	501
Sulphuric, nitric, and mixed acids.....	502
Turpentine and rosin.....	503
Clay, glass, and stone products.....	503
Brick and tile, and pottery, terra-cotta, and fire-clay products.....	503
Cement.....	503
Glass.....	504
Lime.....	504
Vehicles for land transportation.....	504
Automobiles.....	504
Bicycles and motorcycles, and parts.....	505
Carriages and wagons and materials.....	505
Cars and general shop construction and repairs by steam-railroad companies.....	505

Supplementary data regarding important industries—Contd.	
Vehicles for land transportation—Continued.	Page.
Cars and general shop construction and repairs by street-railroad companies.....	506
Cars, steam-railroad.....	506
Cars, street-railroad.....	507
Miscellaneous industries.....	507
Agricultural implements.....	507
Electrical machinery, apparatus, and supplies.....	507
Ice, manufactured.....	508
Lumber and timber products.....	508
Pianos and organs and materials.....	509
Paper and wood pulp.....	509
Phonographs and graphophones.....	510
Printing and publishing.....	511
Shipbuilding, including boat building.....	512
Laundries.....	513
Small custom sawmills and gristmills.....	513

GENERAL TABLES.

Table 110.—Comparative summary for the United States, by specified industries: 1909, 1904, and 1899.....	514
--	-----

Table 111.—Comparative summary for the United States, by states: 1909, 1904, and 1899.....	525
Table 112.—Comparative summary for the 25 principal cities: 1909, 1904, and 1899.....	528
Table 113.—Cities of 10,000 inhabitants or over—Number of establishments, average number of wage earners, value of products, and value added by manufacture: 1909, 1904, and 1899.....	529
MAP.	
Value of products of manufactures: 1909.....	444
DIAGRAMS.	
Value of products, by industries: 1909 and 1899.....	436
Per cent distribution of value of products, by industries: 1909.....	443
Per cent distribution of average number of wage earners, by industries: 1909.....	443
Value of products, by states: 1909 and 1899.....	446
Average number of wage earners, by states: 1909 and 1899.....	447
Value of products for principal cities: 1909.....	450

MINES AND QUARRIES.

CHAPTER 16.—MINES AND QUARRIES.

General summary.....	Page.
Continental United States and noncontiguous territory.....	541
Producing and nonproducing mines.....	541
Geographic distribution of producing enterprises.....	542
Principal mining industries.....	544
General comparison for the United States: 1902-1909.....	544
Geographic distribution of the principal industries.....	546
Persons engaged in mining industries.....	548
Distribution by sex and age.....	548
Distribution by industrial status.....	548
Proprietors performing manual labor.....	549
Wage earners, by occupation.....	549
Contract work.....	550
Number of persons employed, by months.....	550
Prevailing hours of labor.....	551

Land tenure.....	Page.
Form of organization.....	552
Size of enterprises.....	553
Classification according to number of wage earners.....	553
Classification according to value of products.....	555
Distribution of expenses.....	555
Engines and power.....	556
Quantity of minerals.....	556

DIAGRAMS.

Value of products of mining industries: 1909.....	543
Value of products of mining industries: by states, 1902 and 1909; by divisions, 1909 (based on Tables 25 and 27).....	543
Value of products, by industries: 1902 and 1909 (based on Tables 4 and 26).....	545
Value of products of leading industries, by states: 1909.....	546

SUPPLEMENT FOR THE STATE OF CALIFORNIA.

POPULATION.

CHAPTER 1.—NUMBER OF INHABITANTS.

Total population, increase, and distribution.....	Page.
Population of the state.....	568
Comparison of the rates of increase with those for the United States as a whole.....	568
Principal cities.....	568
Number and percentage of increase over preceding census of eight of the principal cities.....	569
Counties.....	569
Density of population.....	569
Minor civil divisions.....	570
Urban and rural population compared.....	570
Rate of growth.....	571

PRINCIPAL TABLES.

Table 1.—Population of minor civil divisions: 1910, 1900, and 1890.....	574
Table 2.—Population of incorporated places: 1910, 1900, and 1890.....	582

MAPS.

Increase or decrease of population.....	572
Density of population.....	573

CHAPTER 2.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION.

Color, nativity, and sex.....	Page.
State of birth.....	585
Foreign nationalities.....	585
Voting and militia ages.....	586
School attendance and illiteracy.....	586
Marital condition and dwellings and families.....	586

PRINCIPAL TABLES.

Table I.—Composition and characteristics of the population for the state and for counties.....	598
Table II.—Composition and characteristics of the population for cities of 25,000 or more.....	610
Table III.—Composition and characteristics of the population for cities of 10,000 to 25,000.....	612
Table IV.—Composition and characteristics of the population for places of 2,500 to 10,000.....	613
Table V.—Composition and characteristics of the population for wards (or assembly districts) of cities of 50,000 or more.....	615

MAPS.

Per cent of foreign-born white in total population: 1910.....	597
Per cent of native white of foreign or mixed parentage in total population: 1910.....	597

AGRICULTURE.

CHAPTER 3.—STATISTICS FOR THE STATE AND ITS COUNTIES.

	Page.
Definitions.....	619
Total value of farm products.....	619
Farms and farm property.....	621
Progress during the decade 1900-1910.....	621
Irrigation.....	622
Population, number of farms, farm acreage: 1850 to 1910.....	622
Values of farm property: 1850 to 1910.....	623
Average acreage and values per farm: 1850 to 1910.....	623
Farm tenure: 1880 to 1910.....	624
Farm mortgages: 1890 to 1910.....	625
Farms, by size groups: 1910 and 1900.....	626
Color and nativity of farmers: 1910.....	627
Domestic animals, poultry, and bees.....	627
Domestic animals on farms: 1910.....	627
Poultry on farms: 1910 and 1900.....	628
Bees on farms: 1910 and 1900.....	628
Domestic animals not on farms: 1910.....	628
Domestic animals on farms and not on farms: 1910.....	628
Live stock products.....	629
Dairy products: 1909 and 1899.....	629
Wool: 1909 and 1899.....	629
Goat hair and mohair: 1909 and 1899.....	630
Poultry products: 1909 and 1899.....	630
Honey and wax: 1909.....	630
Sale or slaughter of domestic animals: 1909 and 1899.....	630
Crops.....	631
Summary: 1909 and 1899.....	631
General farm crops, minor grains and seeds, and sundry minor crops: 1879 to 1909.....	632
Vegetables, flowers and plants, and nursery products: 1909 and 1899.....	634
Small fruits: 1909 and 1899.....	634
Orchard fruits, grapes, nuts, and tropical fruits: 1909 and 1899.....	634
Forest products: 1909 and 1899.....	635
Sugar crops: 1909 and 1899.....	635
Miscellaneous crops: 1909.....	636
Selected farm expenses and receipts.....	636
Farm expenses: 1909 and 1899.....	636
Receipts from sale of feedable crops: 1909.....	636

PRINCIPAL TABLES.

Table 1.—Farms and farm property, by counties: April 15, 1910.....	638
Table 2.—Number, acreage, and value of farms classified by tenure; color and nativity of farmers; and mortgage debt, by counties: April 15, 1910.....	644
Table 3.—Live stock products, and domestic animals sold or slaughtered on farms, by counties: 1909.....	644
Table 4.—Value of all crops and principal classes thereof, and acreage and production of principal crops, by counties: 1909.....	650
Table 5.—Selected farm expenses and receipts, by counties: 1909.....	656
Table 6.—Number and value of domestic animals not on farms, by counties: April 15, 1910.....	657

MAPS.

Per cent of land area in farms.....	620
Average value of farm land per acre.....	620

CHAPTER 4.—STATISTICS OF IRRIGATION FOR THE STATE AND ITS COUNTIES.

Definition of terms.....	659
Farms and acreage irrigated.....	661
Number of farms irrigated.....	661
Acreage irrigated.....	661
Acreage included in projects.....	662

Farms and acreage irrigated—Continued.....	Page.
Acreage irrigated, classified by character of enterprise.....	662
Acreage irrigated, classified by source of water supply.....	663
Irrigation works.....	663
Cost of construction, operation, and maintenance.....	663
Crops.....	664
Acreage.....	665
Yield.....	666
Acreage irrigated, cost of enterprises, etc., by counties: 1909 and 1910.....	667

MAPS.

Per cent of land area irrigated.....	660
Per cent of number of farms irrigated.....	660

MANUFACTURES.

CHAPTER 5.—STATISTICS FOR STATE, CITIES, AND INDUSTRIES.

Definition of terms.....	673
Industries in general.....	675
General character of the state.....	675
Importance and growth of manufactures.....	675
Persons engaged in manufacturing industries.....	679
Wage earners employed, by months.....	681
Prevailing hours of labor.....	682
Location of establishments.....	683
Character of ownership.....	686
Size of establishment.....	687
Expenses.....	690
Engines and power and fuel.....	691
Supplementary data regarding important industries.....	692
Lumber and timber products.....	692
Slaughtering and meat packing.....	692
Canning and preserving.....	693
Flour-mill and gristmill products.....	694
Printing and publishing.....	694
Petroleum, refining.....	695
Butter, cheese, and condensed milk.....	696
Leather, tanned, curried, and finished.....	696
Laundries.....	697
Custom sawmills and gristmills.....	697

PRINCIPAL TABLES.

Table I:	
Comparative summary for 1909, 1904, and 1899.....	693
The state—All industries combined and selected industries.....	698
Cities of 50,000 inhabitants or more—All industries combined and selected industries.....	700
Cities of 10,000 to 50,000 inhabitants—All industries combined.....	705
Table II: Detail statement for the state, by industries: 1909.....	706
Table III:	
Detail statement for cities.....	710
Cities of 50,000 inhabitants or more, by industries.....	710
Cities of 10,000 to 50,000 inhabitants—All industries combined.....	712

MINES AND QUARRIES.

CHAPTER 6.—MINES AND QUARRIES.

Definition of terms.....	715
Summary.....	716
Character of organization.....	716
Size of enterprises.....	716
Persons employed in mining.....	717
Prevailing hours of labor.....	717
Engines and power.....	717
Nonproducing enterprises.....	718
Comparison of mining industries: 1902-1909.....	719
Duplication between manufactures and mining.....	719
Detailed statistics for mining industries: 1909.....	720



LETTER OF TRANSMITTAL.

DEPARTMENT OF COMMERCE AND LABOR,

BUREAU OF THE CENSUS,

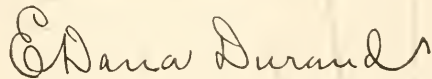
Washington, D. C., December 21, 1912.

SIR:

I have the honor to transmit herewith the Abstract of the Thirteenth Decennial Census, with supplement for the state of California. The volume is divided into two sections, the first relating to the United States as a whole, to the different states, and to the principal cities; and the second relating to the state of California, its counties, cities, and other civil divisions. In condensed form the first section contains the principal statistics gathered at the decennial enumeration of 1910 on the subjects of population (except occupation statistics), agriculture, manufactures, and mining. In the second section of the volume the same subjects are treated with greater detail for the state of California, and the material here presented embraces all of the census results to be published concerning that state, its counties, cities, and other civil divisions, except as to occupations.

Other editions of the Abstract are being issued with supplements relating to the other states and to the District of Columbia, Alaska, Hawaii, and Porto Rico, respectively. The various editions are identical, so far as the first section is concerned.

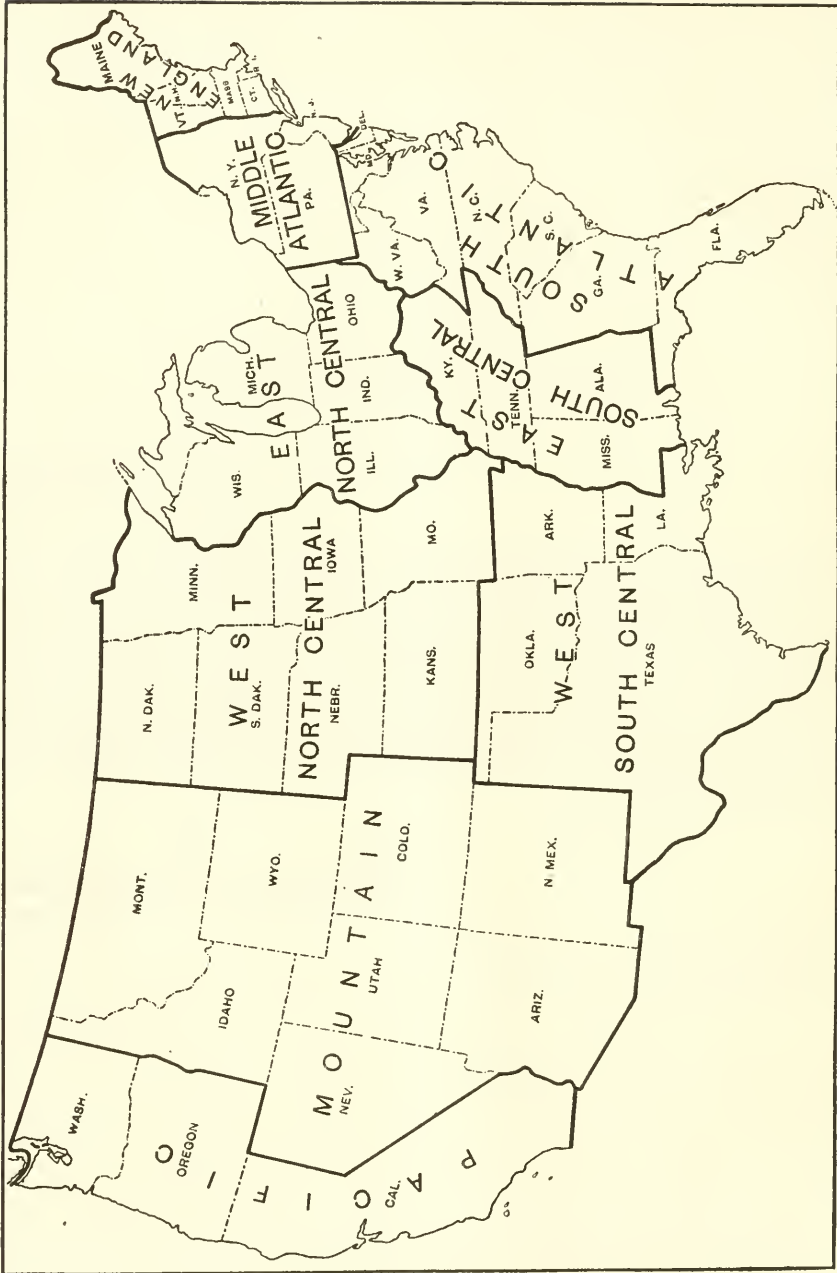
Respectfully,



Director of the Census.

HON. CHARLES NAGEL,
Secretary of Commerce and Labor.

GEOGRAPHIC DIVISIONS.



INTRODUCTION.

SCOPE AND CHARACTER OF THE REPORT.

The present volume gives a report in condensed form of the Thirteenth Decennial Census of the United States, taken in the year 1910. It covers the four principal branches—Population, Agriculture, Manufactures, and Mines and Quarries—and is complete as to all the subjects comprised under these four branches, except the subject of occupations and one or two minor inquiries of the population schedule, the data for which have not yet been fully tabulated.

Most of the results of the census for individual states and for the country as a whole have been published from time to time in the form of press notices and preliminary bulletins, but the present report is the first general publication covering all topics.

Combination of condensed summary with detailed state presentation.—For a group of statistical inquiries covering as many subjects as the decennial census of the United States, an exhaustive report giving results for the smaller geographic units, such as counties and minor civil divisions, needs for its presentation a series of bulky volumes. Such a report, however valuable in libraries and reference collections, is inconvenient for general use, because the main results of the census must be picked out from a mass of geographical detail, and at the same time a person who wishes complete statistics for his own state, county, or city is obliged to search through several volumes. The Bureau of the Census therefore has prepared the present volume, which assembles in one place all the general results of the census. It presents statistics regarding population, agriculture, manufactures, and mines and quarries for the United States as a whole and for individual states; and statistics regarding population and manufactures also for the principal cities.

This volume includes a supplement for the state of California and is intended for distribution in that state. The supplement contains all of the details published by the census for counties and other subdivisions of the state regarding population, agriculture, and manufactures. Statistics for the state as a whole cover the same subjects in somewhat greater detail, and also mining industries. Editions for distribution in other states will contain similar supplements relating to those states.

The purpose of the report is thus to combine in one volume so far as practicable the advantages of a condensed treatment with those of an exhaustive treatment of the census results. Many persons desire general statistics for the United States as a whole, for the states as its primary subdivisions, and for the princi-

pal cities of the country, but the interest of any one person in local details does not as a rule extend beyond the state in which he resides. The combination, therefore, of a condensed census report and a state supplement will, it is believed, meet the needs of by far the majority of those who are interested in census results.

Limitation of term "United States."—The area of enumeration of the Thirteenth Decennial Census included, besides the United States in the ordinary understanding of that term, Alaska, Hawaii, and Porto Rico. Other outlying possessions and dependencies were not canvassed. The totals presented for the United States do not include Alaska, Hawaii, and Porto Rico, except when expressly stated. The exclusion of these outlying possessions from most of the tables and discussion rests on the obvious differences as respects population and social and economic conditions between these distant territories and continental United States.

Grouping of states in geographic divisions.—Almost all the facts presented in the tables and discussed in the text of this volume are given for each state as well as for the United States as a whole. Because, however, of the large number of states, and for other reasons, it is extremely difficult to exhibit the broad geographical conditions regarding population and production by means of comparisons among individual states. In addition, therefore, to the presentation of statistics by states, this volume gives statistics for nine groups of states, which are designated as geographic divisions. The states which constitute each division can be found in any of the general tables and can be seen at a glance on the accompanying map.

This plan reduces the comparisons necessary to a general understanding of the geographic differences in conditions to a number which can be readily grasped. The states within each of these divisions are for the most part fairly homogeneous in physical characteristics, as well as in the characteristics of their population and their economic and social conditions, while on the other hand each division differs more or less sharply from most others in these respects. In forming these groups of states the lines have been based partly on physical and partly on historical conditions. These nine geographic divisions are sometimes grouped in the text tables into three great sections—the North, which includes the New England, Middle Atlantic, East North Central, and West North Central divisions; the South, which includes the South Atlantic, East South Central, and West South Central divisions; and the West, which includes the Mountain and Pacific divisions.

The grouping of the states in geographic divisions has facilitated a geographical rather than an alphabetical order in the tables which present the results for individual states. The advantage of this geographical order lies in the greater ease with which conditions in contiguous states can be compared.

Statistics for urban and rural communities.—Cities represent, in comparison with the remainder of the country, a distinct type of economic and industrial life. This fundamental distinction between the economic activities of urban and rural districts brings with it certain marked differences with respect to the composition and characteristics of the population. As the cities are very numerous, and as they contain often a large part of the total population of a state, these differences can not be readily perceived by comparing the statistics for individual cities with those for the states. For convenience of comparison, therefore, the more important statistics regarding the number, composition, and characteristics of the population have been presented separately for urban communities as a group and for rural communities as a group. In drawing this distinction all incorporated places (including New England towns) having a population of 2,500 inhabitants or more are considered as urban, and the remainder of the country as rural. A discussion of this classification is found in Chapter 1.

Statistics concerning the urban as distinguished from the rural communities are given in many of the tables by states, but the more detailed statistics as well as the text discussion regarding the differences between the two classes of communities are confined to the United States as a whole and the geographic divisions. A further analysis of the urban population is given in some of the tables by classifying the cities according to their size. This grouping of the cities would have little significance in the case of many individual states, because of the small number of larger cities, but is of much interest in the case of the geographic divisions.

In addition to statistics for urban communities as a class, figures are given throughout the chapters on population and manufactures for the more important cities individually. For the larger cities the tables generally give the same details as for the states. For smaller cities the statistics are presented in more condensed form.

Comparative and derivative figures.—Both in the general tables and in the text discussion an effort has been made to enhance the value of the statistics for the census of 1910 by the introduction of comparative figures for earlier censuses, and by the presentation of important ratios, averages, and percentages. The full significance of census data is brought out only by comparisons between different censuses and between different classes and communities for the same census, and comparisons based upon absolute numbers are usually much less instructive and

less readily grasped than those based upon percentages and averages.

Text discussion of tables.—The general aspects of the statistics presented in tabular form are briefly discussed in the accompanying text. This explanatory text serves the purpose of calling attention to certain important results of the census inquiry. It is not intended that this text shall present an exhaustive analysis of the statistics. In the main, therefore, the discussion is confined to the facts disclosed by the census concerning the United States as a whole and the geographic divisions, with only occasional reference to the figures for individual states or cities. This general discussion, however, should serve as a guide in the interpretation of figures for such smaller geographic units, and should likewise be useful in preventing erroneous conclusions which might occasionally be drawn from the consideration of an isolated table, without taking into account its relation to other census data.

In the presentation of the results of the census by subjects, the text and tables relative to any subject have been treated as a unit, the tables being either inserted in the text or placed immediately after it. This represents a departure from the practice, followed in many census reports, of printing the general tables at the end of the volume and the text comment at the beginning, but it is believed to effect a distinct gain for those who consult the volume to study a given subject. At the same time those who merely refer to it for some particular figure will readily find it with the aid of the table of contents and the index.

Maps and diagrams have been employed in this volume to present graphically some of the more important facts ascertained by the census enumeration, and have as far as possible, like the tables, been printed in immediate connection with the discussion of the subject to which they relate.

Index.—It will be recognized that the separate facts treated in this volume are so numerous that the preparation of a complete index both by subjects and by geographic units would be impracticable and of doubtful utility. The table of contents at the beginning of the volume will serve the needs of those who are interested in the broad general treatment of any of the topics included within the volume. To meet the needs of those who will use it mainly as a work of ready reference, an index has been prepared which, under each of the four main heads of the census—Population, Agriculture, Manufactures, and Mines and Quarries—gives an alphabetical list of the topics covered by the tables, and an indication of the classes of geographic units to which the figures given relate. Those who wish some items of information relative to some particular state or city can readily find it by looking up the index references for the class to which it belongs, either "states" or "cities," as the case may be.

Character of the state supplement.—The method of presentation of the statistics in the Supplement follows closely that in the main part of the volume. Here, as in the Abstract proper, the four subjects—Population, Agriculture, Manufactures, and Mines and Quarries—are covered. Detailed figures are given for population and agriculture by counties and for population and manufactures by cities. The tables contain numerous comparative and relative figures, and the text discussion, which for the most part is confined to the statistics for the state as a whole, will aid in interpreting the figures for its subdivisions. The method of arranging the statistics of population and agriculture for the counties differs from that at previous censuses, in that all the data concerning each county are presented in a few columns instead of being distributed by subjects among a number of distinct and widely separated tables. Statistics of population for cities are presented in similar form.

Comparison with previous census abstracts.—While the present condensed report of the Thirteenth Census bears the title "Abstract of the Census," it differs in important respects from the publications of previous censuses bearing the same name. The Abstracts at previous censuses were merely reference books of statistical tables relating to the United States as a whole, the states, and principal cities. They contained no text whatever, maps and diagrams were wholly lacking, and the tables presented only a very limited amount of comparative matter. The absence in these earlier Abstracts of any matter corresponding to the Supplement rendered it a work of general reference only, and not, as the present volume, a work of both general and local reference.

ORGANIZATION OF THE THIRTEENTH DECENNIAL CENSUS.

The permanent Census Bureau.—The methods of collecting and tabulating the statistics of the Thirteenth Decennial Census were substantially similar to those employed in the Eleventh and Twelfth Censuses. The Thirteenth Census, however, was the first taken since the organization of the permanent Bureau of the Census. At every prior census an entirely new central organization had to be formed, as there were no permanent officials or clerks who continued in office during the interval between the decennial censuses. By virtue of the act of March 6, 1902, a permanent Bureau of the Census was created in the Department of the Interior, which bureau was subsequently transferred to the newly created Department of Commerce and Labor. One of the chief objects of this legislation was to permit the retention in the service of a certain number of persons familiar with decennial census work, but a further object was to provide an organization for the collection of certain classes of statistics during the interval between the decennial censuses. These intercensal investigations

included some which had not been previously undertaken by the Federal Government at all and some which had been carried on by other bureaus of the Government. They also included certain topics which had previously been investigated in connection with the decennial census, but which were not, by their nature, essential parts of such a census, and which tended unduly to complicate the work both in the field and in the office.

General provisions of the Thirteenth Census act.—The permanent census act of March 6, 1902, however, did not contain the special provisions of law necessary for the conduct of a decennial census. The Thirteenth Decennial Census was taken by virtue of the act of July 2, 1909, entitled "An act to provide for the Thirteenth and subsequent decennial censuses." This act designated the three years from July 1, 1909, to June 30, 1912, as the "decennial census period," and provided for an expansion of the force of the permanent bureau in Washington during that period and for the creation of a special field force to collect the census statistics.

The Thirteenth Census act provided that the decennial census should cover the four main subjects of Population, Agriculture, Manufactures, and Mines and Quarries. Of these, the subject of Mines and Quarries had not been covered by the census of 1900, but a special census of mines and quarries had been taken for 1902 under the provisions of the permanent census act. The Twelfth Census had covered the subject of Mortality, but, as mortality statistics are collected annually by the permanent Census Bureau, the subject was omitted from the Thirteenth Census.

A list of the principal official positions provided by the Thirteenth Census act and of the persons who filled them during the Thirteenth Census period is given on another page. The position of assistant director and one of the positions of chief statistician were an addition to the positions existing under the permanent census act. Provision was also made for an appointment clerk and a secretary to the director, for an increase in the number of chiefs of division from eight to twelve, and for a large increase in the clerical force in Washington.

Collection of statistics of population and agriculture.—The statistics of population and of agriculture (except part of those relating to irrigation which were collected by special agents) were collected by a force of supervisors and enumerators, while the statistics of manufactures and of mines and quarries were collected by special agents or by clerks detailed from the office. The number of supervisors of the census was 330. In general, each supervisor had jurisdiction over the territory of one congressional district, but in the states of Massachusetts, Connecticut, and Rhode Island, and a number of the larger cities, a single supervisor had charge of the work (in New York City there were two supervisors, one for Manhattan and Bronx Boroughs,

and one for the other three boroughs). The supervisors were appointed by the President of the United States by and with the consent of the Senate. They were paid \$1,500 each for their services, plus \$1 for each thousand inhabitants enumerated under their direction. The average population of most of the supervisors' districts was somewhat over 200,000, while the most populous district, the state of Massachusetts, had more than 3,000,000 inhabitants.

There were in all about 70,000 enumerators of population and agriculture. They were selected by the supervisors, subject to the approval of the Director of the Census. Candidates for the position were subjected to a practical examination, and the ratings given by the supervisors to the candidates, as well as their selections, were carefully reviewed in the Census Bureau.

The censuses of agriculture and population were taken as of the date April 15, 1910. Enumerators in cities of 5,000 inhabitants or more, where the work was practically confined to population statistics, were required to complete their canvass within fifteen days after that date; but the enumerators in the smaller towns and country districts, partly because of the greater area which they had to cover and partly because they collected statistics of agriculture as well as of population, were allowed thirty days. In the larger cities, and in some instances elsewhere, the supervisors were allowed special agents to assist in instructing and supervising the enumerators.

Enumerators were in general paid piece rates, from 2 to 4 cents per name for the population census and from 20 to 30 cents per farm for the agricultural census. In sparsely settled sections per diem rates, ranging usually from \$4 to \$6, were paid. Enumerators were required to bear their own expenses of transportation and subsistence. The average amount received by enumerators on piece rates was in the neighborhood of \$4 for each day actually employed; the average total compensation of enumerators in the city districts was about \$50, and in the country districts, about \$75.

Collection of statistics of manufactures and mines.—Except in a very few sparsely settled sections the supervisors and enumerators had nothing to do with the census of manufactures or of mines and quarries, the schedules for these subjects being collected, as

already noted, by special agents or by clerks detailed from the Census Bureau. The statistics related in general to the calendar year 1909 and were collected during the spring and summer of 1910. The special agents had varying terms of service, ranging usually from about two months to about six months. Their pay, in some cases on a piece basis, ranged from about \$3 to \$6 per day, in addition to travel and subsistence expenses when they were away from their headquarters.

Office force and methods of tabulation.—The compilation of the statistics of the decennial census required a large addition to the force of the Census Bureau in Washington. The additional clerks and subclerical employees were appointed on the basis of a competitive examination by the Civil Service Commission, the appointments being apportioned among the states in accordance with their population. The total force employed at different periods of time varied greatly, the minimum, representing the permanent force of the bureau at the beginning and close of the decennial census period, being about 650, and the maximum, in the fall of 1910, about 3,800.

The statistics regarding the population were tabulated by a punched card system. Under this system a card is prepared for each individual, on which the facts as to sex, race, age, marital condition, place of birth, and the like, are indicated by the punching of appropriate holes. These cards are then sorted according to classes by sorting machines, and the holes representing the various characteristics are counted by tabulating machines. Electric contacts through the punched holes determine the groups into which the cards are sorted, and similar electric contacts operate the counters of the tabulating machines. On account of the complexity of the statistics required each card must be sorted several times and run through the tabulating machines several times. The tabulation of the statistics of population in the present report represented the equivalent of handling once on the sorting and tabulating machines more than 700,000,000 cards.

The statistics of agriculture, manufactures, and mines and quarries were tabulated for the most part by means of ordinary adding machines, no use being made of the punched card system. The schedules were first sorted by hand, according to the desired classes.

ABSTRACT OF
THE THIRTEENTH CENSUS

1910



POPULATION
AGRICULTURE
MANUFACTURES
MINES AND QUARRIES

POPULATION



CHAPTER 1.—NUMBER AND DISTRIBUTION OF INHABITANTS

CHAPTER 2.—COLOR OR RACE, NATIVITY, PARENTAGE, AND SEX

CHAPTER 3.—AGE AND MARITAL CONDITION

CHAPTER 4.—STATE OF BIRTH OF NATIVE POPULATION

CHAPTER 5.—POPULATION OF FOREIGN BIRTH AND FOREIGN PARENTAGE, BY
COUNTRY OF ORIGIN

CHAPTER 6.—FOREIGN-BORN POPULATION—DATE OF IMMIGRATION

CHAPTER 7.—SCHOOL ATTENDANCE AND ILLITERACY

CHAPTER 8.—DWELLINGS AND FAMILIES

CHAPTER I.

NUMBER AND DISTRIBUTION OF INHABITANTS.

Introduction.—This chapter presents in condensed form the main results of the Thirteenth Census, which relate to the number of inhabitants, and their distribution over the territory of the United States.

The tables show the number of inhabitants enumerated in each state, county, and city or incorporated place of 2,500 inhabitants or more. For the states comparative figures are given back to the first census in 1790; for counties and cities the comparison is confined to 1910, 1900, and 1890.

In connection with the population of states and cities considerable attention is given to the increase of the population, especially in the last decade. A table is

also presented showing the population for apportionment purposes, which according to the Constitution excludes Indians who are not taxed.

The chapter shows further the distribution of the population between urban and rural communities, together with the growth of population in urban and rural territory. It also further distinguishes the urban population by different classes of communities grouped according to size. The importance of the suburbs of the larger cities is shown in the calculation of what are designated metropolitan districts, including the urban population residing within approximately 10 miles of the cities having over 200,000 inhabitants.

POPULATION OF THE UNITED STATES AND OF STATES AND TERRITORIES.

Area of enumeration in 1910.—The Thirteenth Census of the United States was taken by the Bureau of the Census as of April 15, 1910. The total area enumerated included the United States, the territories of Alaska and Hawaii, and Porto Rico. The enumeration also included persons stationed abroad in the military and naval service of the Government (including civilian employees, etc.), who were specially enumerated through the cooperation of the War and Navy Departments.

Table 1 gives the total population for the area enumerated in 1910. The corresponding census figures for 1900 are also given for purposes of comparison.

The rate of increase from 1900 to 1910 was 20.9 per cent for the total area of enumeration and 21 per cent for the United States. It should be noted that this table does not cover all the outlying possessions of the United States. Including the population of the Philippines and other possessions, the population living under the American flag is approximately as follows:

Population of the United States and possessions. 101,100,000	
Enumerated at the census of 1910.....	93,402,151
Philippine Islands, 1903.....	7,635,426
Guam, estimated.....	9,000
Samoa, estimated.....	6,100
Panama Canal Zone, estimated.....	50,000

Table 1	AREA.	1910	1900
	Total area of enumeration.....	93,402,151	¹ 77,256,630
	United States exclusive of outlying possessions.....	91,972,266	75,994,575
	Outlying possessions enumerated.....	1,429,885	1,262,055
	Alaska.....	64,356	63,592
	Hawaii.....	191,909	154,001
	Porto Rico.....	1,118,012	² 953,243
	Persons in military and naval service stationed abroad.....	55,608	91,219

¹ Includes 953,243 persons enumerated in Porto Rico in 1899.

² According to the census of Porto Rico taken in 1899 under the direction of the War Department.

United States.—Unless otherwise expressly stated, the term "United States," wherever used, either in text or in tables throughout the abstract, means the United States exclusive of Alaska, Hawaii, Porto Rico, or any other outlying possessions. The term, in other words, is synonymous with the term "Continental United States," which has sometimes been used in other census reports. On account of the wide difference in conditions as between the United

States as thus defined and its outlying possessions, it has been deemed best in general not to include statistics for the latter in the same tables with statistics for the former.

The population of the United States in 1910 was 91,972,266. This represents an increase during the past decade of 15,977,691, or 21 per cent, over the population in 1900, which was 75,994,575. The rate of increase was slightly greater than from 1890 to 1900.

ABSTRACT OF THE CENSUS—POPULATION.

The table following shows the population of the United States as enumerated at each census from 1790 to 1910, inclusive, together with the increase and per

cent of increase during each decade, and also adjusted percentages of increase explained in the paragraphs below:

CENSUS YEAR.	Population of the United States.	INCREASE OVER PRECEDING CENSUS.		Adjusted percentages of increase.
		Number.	Per cent.	
1910.....	91,972,266	15,977,691	21.0	21.0
1900.....	75,994,575	13,046,861	20.7	20.7
1890.....	62,947,714	12,791,931	25.5	24.9
1880.....	50,155,783	11,597,412	30.1	26.0
1870.....	38,558,371	7,115,050	22.6	26.6
1860.....	31,443,321	8,251,445	35.6	35.6
1850.....	23,191,876	6,122,423	35.9	35.9
1840.....	17,069,453	4,203,433	32.7	32.7
1830.....	12,866,020	3,227,567	33.5	33.5
1820.....	9,638,453	2,398,572	33.1	33.1
1810.....	7,239,881	1,931,398	36.4	36.4
1800.....	5,308,483	1,379,269	35.1	35.1
1790.....	3,929,214			

In considering the changes in population as reported by the census it is to be noted that Indians and other persons in Indian Territory and on Indian reservations were enumerated for the first time in 1890, so that the figures for that census are not strictly comparable with those for 1880 and preceding censuses. To show correctly the rate of increase of population from 1880 to 1890 it is necessary to eliminate 325,464 Indians and other persons from the figures for 1890, which leaves a population of 62,622,250. This figure shows an increase over 1880 of 12,466,467, or 24.9 per cent.

The evidence is clear that there was a marked deficiency in the enumeration of the population in the Southern states in 1870, resulting in an understatement of the increase from 1860 to 1870 and an overstatement of the increase from 1870 to 1880. There is no means of ascertaining accurately the extent of the deficiency, but an approximate estimate of the true population in 1870 was made in the census report of 1890 (Population, Part I, pp. xi, xii, and xvi) by which the population in 1870 was placed at 39,818,449 instead of 38,558,371. Using this figure the increase of 1870 over 1860 would be 8,375,128, or 26.6 per cent, and the increase of 1880 over 1870, 10,337,334, or 26 per cent.

Summarizing, it may be said that the population of the United States showed approximately an increase of one-third during each of the seven decades from 1790 to 1860; of one-fourth during each of the three decades from 1860 to 1890; and of one-fifth during each of the last two decades, 1890 to 1900 and 1900 to 1910.

Divisions and states.—The population of the United States by divisions and states, with their rank according to population, at each Federal census from 1790 to 1910, inclusive, is shown in Table 5, on pages 24 and 25. This table shows, in addition to the population of the United States proper, that of Alaska,

Hawaii, and Porto Rico, and the number of persons in the military and naval service stationed abroad.

The following table shows the per cent of the total population of the United States in each geographic division at the censuses of 1910, 1900, 1890, and 1850, the latter being added as representing conditions shown by the first census taken after the last of the important accessions to the territory of the United States had taken place.

DIVISION.	PER CENT OF TOTAL.			
	1910	1900	1890	1850
United States	100.0	100.0	100.0	100.0
New England.....	7.1	7.4	7.5	11.8
Middle Atlantic.....	21.0	20.3	20.2	23.4
East North Central.....	19.8	21.0	21.4	19.5
West North Central.....	12.7	13.6	14.2	8.8
South Atlantic.....	13.3	13.7	14.1	20.2
East South Central.....	8.1	9.9	10.2	14.5
West South Central.....	9.6	8.6	7.5	4.1
Mountain.....	2.9	2.2	1.9	0.3
Pacific.....	4.6	3.2	3.0	0.5

The growth of the population of the United States by divisions and states in the last 20 years is shown in Table 4. The accompanying map shows the per cent of increase of the population in each of the states during the last decade, different rates of increase being indicated by differences in shading.

The table and map show that there were 11 states in which population increased more than 50 per cent between 1900 and 1910, as follows: Washington, Oklahoma, Idaho, Nevada, North Dakota, New Mexico, Arizona, Oregon, California, Wyoming, and Montana. Four divisions—the Pacific, Mountain, West South Central, and Middle Atlantic—increased in each of the last two decades more rapidly than the country as a whole. With one exception (the West South Central) these divisions with a high rate of increase from 1890 to 1900 grew still faster from 1900 to 1910, and divisions with a relatively low rate of growth in the former decade grew still more slowly in the latter decade.

NUMBER AND DISTRIBUTION OF INHABITANTS.

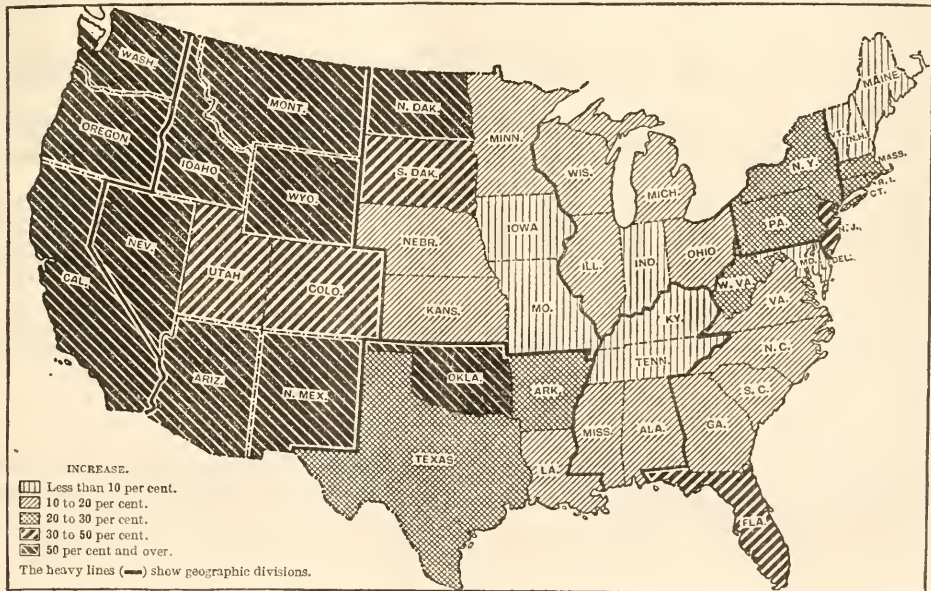
INCREASE IN TOTAL POPULATION, BY DIVISIONS AND STATES: 1890-1910.

Table 4 DIVISION AND STATE.	INCREASE: ¹ 1900-1910		INCREASE: ¹ 1890-1900		DIVISION AND STATE.	INCREASE: ¹ 1900-1910		INCREASE: ¹ 1890-1900	
	Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.
United States	15,977,691	21.0	13,046,861	20.7					
GEOGRAPHIC DIVISIONS:					SOUTH ATLANTIC:				
New England.....	960,664	17.2	891,268	19.0	Delaware.....	17,587	9.5	16,242	9.6
Middle Atlantic.....	3,861,214	25.0	2,749,458	21.6	Maryland.....	107,302	9.0	145,654	14.0
East North Central.....	2,265,040	14.2	2,507,276	18.6	District of Columbia.....	52,351	18.8	48,329	21.0
West North Central.....	1,290,498	12.5	1,415,311	15.8	Virginia.....	207,458	11.2	188,204	12.0
South Atlantic.....	1,751,415	16.8	1,585,558	17.9	West Virginia.....	212,319	27.4	196,006	25.7
East South Central.....	862,144	11.4	1,115,603	17.4	North Carolina.....	312,477	16.5	275,861	17.1
West South Central.....	2,252,244	34.5	1,791,307	37.8	South Carolina.....	175,084	13.1	189,167	16.4
Mountain.....	958,840	57.3	490,722	38.0	Georgia.....	392,790	17.7	278,978	29.6
Pacific.....	1,775,612	73.5	528,358	28.0	Florida.....	224,077	42.4	137,120	35.0
NEW ENGLAND:					EAST SOUTH CENTRAL:				
Maine.....	47,905	6.9	33,380	5.0	Kentucky.....	142,731	6.6	288,539	15.5
New Hampshire.....	18,984	4.6	35,058	9.3	Tennessee.....	164,173	8.1	253,098	14.3
Vermont.....	12,315	3.6	11,219	3.4	Alabama.....	309,396	16.9	315,296	20.8
Massachusetts.....	561,070	20.0	566,399	25.3	Mississippi.....	245,844	15.8	261,670	20.3
Rhode Island.....	114,054	26.6	83,050	24.0	WEST SOUTH CENTRAL:				
Connecticut.....	206,336	22.7	162,162	21.7	Arkansas.....	262,885	20.0	183,353	16.3
MIDDLE ATLANTIC:					Louisiana.....	274,763	19.9	263,037	23.5
New York.....	1,844,720	25.4	1,265,720	21.1	Oklahoma.....	866,754	109.7	531,784	205.6
New Jersey.....	653,498	34.7	438,736	30.4	Texas.....	847,832	27.8	813,183	36.4
Pennsylvania.....	1,362,996	21.6	1,044,092	19.9	MOUNTAIN:				
EAST NORTH CENTRAL:					Montana.....	132,724	54.5	100,405	70.3
Ohio.....	609,576	14.7	485,216	13.2	Idaho.....	163,822	101.3	73,224	82.7
Indiana.....	184,414	7.3	324,058	14.8	Wyoming.....	53,434	57.7	29,976	47.9
Illinois.....	817,041	16.9	995,198	26.0	Colorado.....	259,324	48.0	120,451	30.6
Michigan.....	389,191	16.1	327,092	15.6	New Mexico.....	131,991	67.6	35,028	21.9
Wisconsin.....	264,818	12.8	375,712	22.2	Arizona.....	81,423	66.2	34,688	39.3
WEST NORTH CENTRAL:					Utah.....	96,602	34.9	65,970	31.3
Minnesota.....	324,314	18.5	441,111	33.7	Nevada.....	39,540	93.4	-3,029	-10.6
Iowa.....	-7,082	-0.3	312,556	16.7	PACIFIC:				
Missouri.....	186,670	6.0	427,450	16.0	Washington.....	623,887	120.4	160,871	45.0
North Dakota.....	257,910	80.8	128,163	67.1	Oregon.....	259,229	62.7	95,332	30.2
South Dakota.....	182,318	45.4	52,970	15.2	California.....	892,496	60.1	271,655	22.4
Nebraska.....	125,914	11.8	3,644	0.3					
Kansas.....	221,454	15.0	42,387	3.0					

¹A minus sign (-) denotes decrease.

²Includes population of Indian Territory for 1890 and 1900.

PER CENT OF INCREASE IN TOTAL POPULATION, BY STATES: 1900-1910.



ABSTRACT OF THE CENSUS—POPULATION.

POPULATION OF THE UNITED STATES, BY DIVISIONS AND STATES, AND OF SPECIFIED

Table 5	1910		1900		1890 ¹		1880		1870		1860		
	Population.	Rank.	Population.	Rank.	Population.	Rank.	Population.	Rank.	Population.	Rank.	Population.	Rank.	
1	United States, excluding outlying possessions.....												
	91,972,266		75,994,575		62,947,714		50,155,783		38,558,371		31,443,321		
GEOGRAPHIC DIVISIONS:													
2	New England.....	6,552,681	VII	5,592,017	VII	4,700,749	VII	4,010,529	VI	3,457,924	VI	3,135,283	V
3	Middle Atlantic.....	19,312,642	I	15,476,878	II	12,767,230	II	10,496,876	I	8,849,806	I	7,455,985	I
4	East North Central.....	15,250,621	II	15,985,581	I	15,478,305	I	11,206,668	I	9,124,517	I	6,826,884	II
5	West North Central.....	11,637,321	III	10,347,423	IV	8,932,112	III	6,157,443	IV	5,856,594	V	2,169,832	VI
6	South Atlantic.....	12,194,895	IV	10,445,490	III	8,375,922	IV	7,597,197	III	5,853,610	III	5,364,703	III
7	East South Central.....	8,409,901	V	7,547,757	V	6,422,154	V	5,855,151	V	4,404,445	IV	4,029,991	IV
8	West South Central.....	8,784,534	V	6,532,290	VI	4,740,983	VI	3,334,220	VII	2,029,965	VII	1,747,667	VII
9	Mountain.....	2,635,517	IX	1,674,657	IX	1,213,935	IX	653,119	IX	315,385	IX	174,923	IX
10	Pacific.....	4,192,304	VIII	2,416,692	VIII	1,888,334	VIII	1,114,578	VIII	675,125	VIII	444,053	VIII
NEW ENGLAND:													
11	Maine.....	742,371	34	694,466	31	661,086	30	648,936	27	626,915	23	628,279	22
12	New Hampshire.....	430,572	39	411,588	37	376,530	33	346,951	31	318,900	31	326,073	27
13	Vermont.....	355,866	42	345,641	39	332,422	37	322,266	32	330,551	30	315,008	28
14	Massachusetts.....	3,306,416	6	2,805,346	7	2,238,947	6	1,783,085	7	1,457,511	7	1,231,066	7
15	Rhode Island.....	542,610	38	428,556	35	345,506	36	276,531	33	217,353	32	174,620	29
16	Connecticut.....	1,114,756	31	908,420	29	746,258	29	622,700	28	537,454	25	460,147	24
MIDDLE ATLANTIC:													
17	New York.....	9,113,614	1	7,268,894	1	6,003,174	1	5,082,871	1	4,382,759	1	3,870,735	1
18	New Jersey.....	2,537,167	11	1,883,669	16	1,444,933	18	1,131,116	19	900,096	17	672,035	21
19	Pennsylvania.....	7,665,111	2	6,302,115	2	5,258,113	2	4,282,881	2	3,521,951	2	2,905,215	2
EAST NORTH CENTRAL:													
20	Ohio.....	4,767,121	4	4,157,545	4	3,672,329	4	3,198,062	3	2,665,260	3	2,239,511	3
21	Indiana.....	2,700,876	9	2,516,432	8	2,192,404	8	1,978,301	6	1,680,637	6	1,350,428	6
22	Illinois.....	5,638,591	3	4,821,500	3	3,826,352	3	3,077,871	4	2,539,891	4	1,711,951	4
23	Michigan.....	2,810,173	8	2,420,982	9	2,093,890	9	1,636,937	9	1,184,659	13	749,113	16
24	Wisconsin.....	2,353,860	13	2,069,042	13	1,693,350	14	1,315,497	10	1,054,670	15	775,881	15
WEST NORTH CENTRAL:													
25	Minnesota.....	2,075,708	19	1,751,394	19	1,310,283	20	780,773	26	439,706	28	172,023	30
26	Iowa.....	2,224,771	15	2,231,853	10	1,912,297	10	1,624,615	10	1,194,020	11	974,913	20
27	Missouri.....	3,293,355	7	3,106,655	5	2,679,185	5	2,168,380	5	1,721,295	5	1,182,012	8
28	North Dakota.....	577,055	37	319,146	40	190,983	42	135,177	40	141,181	45	84,837	42
29	South Dakota.....	583,888	36	401,570	38	348,600	35	305,402	30	222,993	36	28,841	39
30	Nebraska.....	1,192,214	29	1,043,399	27	1,002,656	26	952,402	20	764,399	29	107,206	33
31	Kansas.....	1,690,949	22	1,470,495	22	1,428,108	19	996,096	20	634,959	29	107,206	33
SOUTH ATLANTIC:													
32	Delaware.....	202,322	47	184,735	45	168,493	43	146,608	38	125,015	35	112,216	32
33	Maryland.....	1,295,346	27	1,188,044	26	1,042,390	27	934,943	23	780,894	20	687,049	19
34	District of Columbia.....	331,069	43	278,718	41	230,392	40	177,624	36	131,700	34	75,050	35
35	Virginia.....	2,061,612	20	1,584,184	17	1,085,980	15	1,512,565	14	1,225,103	10	1,696,318	5
36	West Virginia.....	1,221,119	28	1,038,890	28	762,729	28	618,457	29	442,014	27	292,622	12
37	North Carolina.....	2,206,287	16	1,893,810	15	1,617,949	16	1,399,750	15	1,071,361	14	992,622	12
38	South Carolina.....	1,515,400	26	1,140,316	24	1,151,149	23	995,577	21	705,606	22	703,708	18
39	Georgia.....	2,609,121	10	2,216,331	11	1,837,353	12	1,642,169	13	1,184,109	12	1,057,286	11
40	Florida.....	792,619	33	528,542	33	391,422	32	295,493	34	187,748	33	140,624	31
EAST SOUTH CENTRAL:													
41	Kentucky.....	2,289,905	14	2,147,174	12	1,838,635	11	1,648,690	8	1,321,011	8	1,155,684	9
42	Tennessee.....	2,184,789	17	2,020,616	14	1,767,518	13	1,542,359	12	1,258,620	9	1,109,801	10
43	Alabama.....	2,138,693	18	1,828,697	18	1,513,401	17	1,262,505	17	996,992	16	964,201	13
44	Mississippi.....	1,797,114	21	1,551,270	20	1,289,600	21	1,131,597	18	827,922	18	791,305	14
WEST SOUTH CENTRAL:													
45	Arkansas.....	1,574,449	25	1,311,564	25	1,128,211	24	802,525	25	484,471	26	435,450	25
46	Louisiana.....	1,656,388	24	1,381,625	23	1,118,588	25	939,946	22	726,915	21	708,002	17
47	Oklahoma.....	1,637,153	23	* 790,391	730	* 228,637	* 39	618,457	29	442,014	27	292,622	12
48	Texas.....	3,896,542	5	3,048,710	6	2,235,527	7	1,591,749	11	818,579	19	604,215	23
MOUNTAIN:													
49	Montana.....	376,053	40	243,329	43	142,924	45	39,159	45	20,595	43	.....	.....
50	Idaho.....	325,954	45	161,772	46	88,548	46	32,610	46	14,999	44	.....	.....
51	Wyoming.....	145,965	48	92,531	48	62,555	48	20,789	47	9,118	47	.....	.....
52	Colorado.....	799,024	32	539,700	32	413,249	31	194,327	35	39,864	41	34,277	38
53	New Mexico.....	397,301	44	195,310	44	160,282	44	118,555	41	91,874	37	85,516	34
54	Arizona.....	204,534	46	122,931	47	88,243	* 47	40,440	44	9,688	46	.....	.....
55	Utah.....	373,351	41	276,749	42	210,779	41	143,963	39	86,788	39	40,273	37
56	Nevada.....	81,875	49	42,335	49	47,355	49	62,266	43	42,491	40	6,857	41
PACIFIC:													
57	Washington.....	1,141,990	30	518,103	34	357,232	34	75,116	42	23,955	42	11,594	40
58	Oregon.....	672,765	35	415,536	36	317,704	38	174,768	37	90,923	38	52,465	30
59	California.....	2,377,549	12	1,485,053	21	1,215,598	22	864,094	24	564,247	24	375,994	26
60	Ontlying possessions enumerated.....	1,429,885		1,262,055		122,042		33,426					
61	Alaska.....	64,256		63,592		32,052		* 33,426					
62	Hawaii.....	191,969		154,001		* 89,990							
63	Porto Rico.....	1,118,719		* 853,443									
64	Military and naval U.....	55,608		91,219									

¹ Includes population (325,464) of Indian Territory and Indian reservations specially enumerated in 1890, but not included in the general report on population in 1890.
² Includes persons (6,100 in 1840 and 5,315 in 1850) on public ships in the service of the United States, not credited to any geographic division or state.
³ For 1890 the rank of South Dakota advances from 37 to 35 and that of Arizona from 45 to 47, when the population specially enumerated is included; and that of Oklahoma advances from 46 to 39, when the population of Indian Territory and Indian reservations specially enumerated is included.
⁴ Population for that part of Dakota territory taken to form North Dakota: 1880, 36,096; 1870, 2,405; and for that part taken to form South Dakota: 1880, 98,306; 1870, 11,776.
⁵ Dakota territory.
⁶ Includes population of Indian Territory: 1900, 392,060; 1890, 180,182.

NUMBER AND DISTRIBUTION OF INHABITANTS.

OUTLYING POSSESSIONS, WITH RANK ACCORDING TO POPULATION: 1790-1910.

	1850		1840		1830		1820		1810		1800		1790	
	Population.	Rank.	Population.	Rank.	Population.	Rank.	Population.	Rank.	Population.	Rank.	Population.	Rank.	Population.	Rank.
1	23,191,876	.....	11,069,463	.....	12,886,020	.....	6,639,463	.....	7,239,881	.....	5,308,483	.....	3,829,214	.....
2	2,728,116	V	2,234,822	V	1,954,717	III	1,660,071	III	1,471,973	III	1,233,011	III	1,009,408	II
3	5,808,735	I	4,526,260	I	3,587,664	II	2,699,845	II	2,014,702	II	1,402,565	II	985,632	III
4	4,523,260	III	2,924,728	III	1,470,018	V	792,719	V	272,324	V	51,006	V	.....	.....
5	880,333	VII	426,814	VII	140,455	VII	65,336	VII	19,783	VII	.....	.....	.....	.....
6	4,679,090	II	3,925,259	II	3,945,752	I	3,061,063	I	2,674,891	I	2,286,494	I	1,851,806	I
7	3,363,271	IV	2,575,445	IV	1,815,969	IV	1,190,489	IV	708,590	IV	335,407	IV	109,368	IV
8	940,251	VI	449,985	VI	246,127	VI	167,680	VI	77,618	VI	.....	.....	.....	.....
9	72,027	IX	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	165,891	VIII	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	583,169	16	501,793	13	399,455	12	295,335	12	228,705	14	151,719	14	96,540	11
12	317,976	22	284,574	22	269,328	18	244,161	15	214,460	16	183,858	11	141,885	10
13	314,120	23	291,948	21	280,652	17	235,981	16	217,895	15	154,465	13	85,425	12
14	994,514	6	737,699	5	610,408	8	525,287	7	472,060	5	422,845	5	378,787	4
15	147,545	28	108,830	24	97,199	23	83,659	20	76,931	17	64,122	16	68,825	15
16	370,792	21	309,978	20	297,675	16	275,248	14	261,942	9	251,002	8	237,946	8
17	3,097,394	1	2,428,921	1	1,918,608	1	1,372,812	1	959,049	2	680,051	3	340,120	5
18	489,555	19	373,306	18	320,823	14	277,575	13	245,562	12	211,149	10	184,139	9
19	2,311,786	2	1,724,033	2	1,345,233	2	1,049,458	3	810,091	3	602,365	2	434,373	2
20	1,980,329	3	1,519,467	3	937,903	4	581,434	5	230,760	13	45,365	18	.....	.....
21	988,416	7	685,866	10	343,031	13	147,178	18	24,520	21	5,641	21	.....	.....
22	831,470	11	476,183	14	157,445	20	55,211	24	12,282	24	.....	.....	.....	.....
23	307,654	20	212,267	23	31,639	27	8,896	27	4,762	25	.....	.....	.....	.....
24	305,391	24	30,945	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	6,077	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	192,214	27	43,112	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	682,044	13	383,702	16	140,455	21	66,586	23	19,788	23	.....	.....	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
32	91,532	30	78,085	26	76,748	24	72,749	22	72,674	19	64,273	17	59,096	16
33	583,034	17	470,019	15	447,040	11	407,350	10	380,546	8	341,548	7	319,728	6
34	31,687	32	45,712	28	39,834	25	33,039	25	24,023	22	14,093	19	.....	.....
35	1,424,661	4	1,239,797	4	1,211,405	3	1,065,366	2	974,600	2	880,200	1	747,610	1
36	869,036	10	753,419	7	737,965	6	.....	4	555,600	4	475,103	4	393,751	3
37	668,507	14	594,368	11	681,185	9	502,741	8	415,115	6	345,591	6	245,073	7
38	906,185	9	691,392	9	516,823	10	340,989	11	252,433	11	162,686	12	82,548	13
39	87,445	31	54,477	27	34,730	26	.....	.....	.....	.....	.....	.....	.....	.....
40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	982,405	8	779,828	6	687,917	6	564,317	6	406,511	7	220,955	9	73,677	14
42	1,002,717	5	829,210	5	681,904	7	422,823	9	261,727	10	105,602	15	35,691	17
43	771,023	12	590,756	12	309,527	15	127,901	19	.....	.....	.....	.....	.....	.....
44	605,526	15	375,651	17	136,621	22	75,445	21	40,352	20	8,850	20	.....	.....
45	299,897	26	97,574	25	30,388	28	14,273	26	1,062	26	.....	.....	.....	.....
46	517,762	18	352,411	19	215,739	19	153,407	17	76,556	18	.....	.....	.....	.....
47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	212,592	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53	61,547	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	11,380	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	13,294	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	92,597	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

¹ The territory of Oklahoma in 1900 ranked 38 and Indian Territory 39. The rank for 1900 includes the population of Indian Territory with that of Oklahoma.

² Alaska was specially enumerated under the law, but the population was not included in the general report on population in 1880.

³ According to the census taken as of Dec. 28, 1890, under the direction of the Hawaiian Government.

⁴ According to the census of Porto Rico taken in 1899 under the direction of the War Department.

⁵ Persons in the military and naval service of the United States (including civilian employees, etc.) stationed abroad, not credited to any state or territory.

Apportionment of representation.—Table 6 gives for 1910 the population of each state, exclusive of Indians not taxed, who, according to the Constitution, are not to be included in the population forming the basis of the apportionment of representatives among the several states. The population of Arizona and New Mexico is not included in the main table but is added as an appendix. These territories had not yet become states when the apportionment act of 1911 was passed, though provision for their representation was made in the act. Now that they have been admitted as states the total apportionment population of the states, exclusive of Indians not taxed, and not counting the District of Columbia, is 91,569,325.

As the count of population is made primarily for the purpose of fixing the membership of the House of Representatives, under the provisions of section 2 of Article I of the Constitution, as modified by section 2 of Article XIV of the Amendments, a statement is given in Table 7 of the number of Representatives assigned to each of the states by the Constitution in 1789 and by the several apportionment acts from the formation of the Government to the present time. The dates of the apportionment acts and the ratio of

population to each representative under said acts are also given on page 27.

The membership of the House of Representatives was originally fixed at 65, under the provisions of section 2 of Article I of the Constitution.

The apportionments of Representatives in Congress, under the first six censuses—1790 to 1840, inclusive—were made by Congress, each by a separate act.

The law for taking the census of 1850 (act of May 23, 1850, 9 Stat. L., 428), which was intended to be permanent, presented a rule of apportionment, fixed the number of members of the House at 233, and directed the Secretary of the Interior thereafter to make the apportionment. The apportionment under the census of 1860 was also made under this law, but Congress, on March 4, 1862, fixed the total number of members at 241, and the Secretary of the Interior apportioned the new quotas to the states.

The apportionments from and after the census of 1870 were made by Congress, each by a separate act; hence it may be assumed that the power conferred on the Secretary of the Interior by the act of May 23, 1850, was repealed by implication.

POPULATION FOR APPORTIONMENT PURPOSES: 1910.

Table 6			Table 6				
STATE.	Total population: 1910	Indians not taxed: 1910	Population basis of apportionment.	STATE.	Total population: 1910	Indians not taxed: 1910	Population basis of apportionment.
Alabama.....	2,138,093		2,138,093	New York.....	9,113,614	4,680	9,108,934
Arkansas.....	1,574,449		1,574,449	North Carolina.....	2,206,287		2,206,287
California.....	2,377,349	988	2,376,361	North Dakota.....	2,577,056	2,653	574,403
Colorado.....	799,024	452	798,572	Ohio.....	4,767,121		4,767,121
Connecticut.....	1,114,756		1,114,756	Oklahoma.....	1,657,155		1,657,155
Delaware.....	202,322		202,322	Oregon.....	672,765		672,765
Florida.....	752,619		752,619	Pennsylvania.....	7,665,111		7,665,111
Georgia.....	2,609,121		2,609,121	Pennsylvania.....	542,610		542,610
Idaho.....	325,594	2,154	323,440	South Carolina.....	1,515,400		1,515,400
Illinois.....	5,638,591		5,638,591	South Dakota.....	583,888	8,212	575,676
Indiana.....	2,700,876		2,700,876	Tennessee.....	2,184,789		2,184,789
Iowa.....	2,224,771		2,224,771	Texas.....	3,896,542		3,896,542
Kansas.....	1,690,949		1,690,949	Utah.....	373,351	1,487	371,864
Kentucky.....	2,289,905		2,289,905	Vermont.....	355,956		355,956
Louisiana.....	1,656,388		1,656,388	Virginia.....	2,061,612		2,061,612
Maine.....	742,371		742,371	Washington.....	1,141,890	1,856	1,140,134
Maryland.....	1,255,346		1,255,346	West Virginia.....	1,221,119		1,221,119
Massachusetts.....	3,366,416		3,366,416	Wisconsin.....	2,333,860	1,007	2,332,853
Michigan.....	2,810,173		2,810,173	Wyoming.....	145,965	1,307	144,658
Minnesota.....	2,075,708	1,332	2,074,376	Total for 46 states.....	91,109,542	37,425	91,072,117
Mississippi.....	1,797,114		1,797,114	Arizona.....	204,354		180,225
Missouri.....	3,293,353		3,293,353	New Mexico.....	327,301	10,318	316,983
Montana.....	376,053	9,715	366,338	Total, including Arizona and New Mexico.....	91,641,197	71,872	91,569,325
Nebraska.....	1,192,214		1,192,214	District of Columbia.....	331,069		
Nevada.....	81,875	1,582	80,293	Total for the United States.....	91,972,266		
New Hampshire.....	430,572		430,572				
New Jersey.....	2,537,167		2,537,167				

NUMBER OF MEMBERS IN THE HOUSE OF REPRESENTATIVES UNDER EACH APPORTIONMENT: 1789-1910.

STATE.	1910	1900	1890	1880	1870 ¹	1860 ²	1850 ³	1840	1830	1820	1810	1800	1790	1789
Total under apportionment act	435	388	358	325	292	241	234	223	240	213	181	141	105	65
<i>Assigned to new states after apportionment act</i>		5	1	7	1	2	5	9	2		5	1	1	
Alabama.....	10	9	9	8	8	6	7	7	5	3	4			
Arizona.....	4							1						
Arkansas.....	7	7	6	5	4	3	2		4					
California.....	11	8	7	6	4	3	2	4						
Colorado.....	4	3	2	1	1									
Connecticut.....	5	5	4	4	4	4	4	4	6	6	7	7	7	5
Delaware.....	1	1	1	1	1	1	1	1	1	1	2	1	1	1
Florida.....	4	3	2	2	2	1	1	4						
Georgia.....	12	11	11	10	9	7	8	8	9	7	6	4	2	3
Idaho.....	2	1	1	1										
Illinois.....	27	25	22	20	19	14	9	7	3	1	4			
Indiana.....	13	13	13	13	13	11	11	10	7	3	4			
Iowa.....	11	11	11	11	9	6	6	2	4					
Kansas.....	8	8	8	8	7	3	1							
Kentucky.....	11	11	11	11	10	9	10	10	13	12	10	6	2	
Louisiana.....	8	7	6	6	6	5	4	4	3	3	4			
Maine.....	4	4	4	4	5	5	6	7	8	7	7			
Maryland.....	6	6	6	6	6	5	6	6	8	9	9	9	8	6
Massachusetts.....	16	14	13	12	11	10	11	10	12	13	13	17	14	8
Michigan.....	13	12	12	11	9	6	4	3	4					
Minnesota.....	10	9	7	5	3	2	2							
Mississippi.....	8	8	7	7	6	5	5	4	2	1	4			
Missouri.....	16	16	15	14	13	9	7	5	2	1				
Montana.....	2	1	1	1	1									
Nebraska.....	6	6	6	3	1	1								
Nevada.....	1	1	1	1	1	4								
New Hampshire.....	2	2	2	2	3	3	3	4	5	6	6	5	4	3
New Jersey.....	12	10	8	7	7	5	5	5	6	6	6	6	5	4
New Mexico.....	4													
New York.....	43	37	34	34	33	31	33	34	40	34	27	17	10	6
North Carolina.....	10	10	9	9	8	7	8	9	13	13	13	12	10	5
North Dakota.....	3	2	1	1	1									
Ohio.....	22	21	21	21	20	19	21	21	19	14	6	4		
Oklahoma.....	8	4	5											
Oregon.....	3	2	2	1	1	1	4							
Pennsylvania.....	36	32	30	28	27	24	25	24	28	26	23	18	13	8
Rhode Island.....	7	7	7	7	2	2	2	2	2	2	2	2	2	1
South Carolina.....	3	2	2	2	5	4	6	7	9	9	9	8	6	5
South Dakota.....	3	2	2	2	2									
Tennessee.....	10	10	10	10	10	8	10	11	13	9	6	3	4	
Texas.....	18	16	13	11	6	4	2	4	2					
Utah.....	2	1	1	1										
Vermont.....	2	2	2	2	3	3	3	4	5	5	6	4	2	
Virginia.....	10	10	10	10	9	11	13	15	21	22	23	22	19	10
Washington.....	5	3	2	4	1									
West Virginia.....	6	5	4	4	3									
Wisconsin.....	11	11	10	9	8	6	3	4						
Wyoming.....	1	1	1	1	1									

¹ Membership originally fixed at 283, but increased by act of May 30, 1872, to 292 (17 Stat. L., 192).
² Membership increased from 233 to 241 by act of Mar. 4, 1862 (12 Stat. L., 353).
³ Membership increased from 233 to 234 by act of July 30, 1852 (10 Stat. L., 25).
⁴ Assigned after apportionment.
⁵ Included in apportionment act in anticipation of becoming a state.
⁶ Included in the 20 members originally assigned to Massachusetts, but credited to Maine, after its admission as a state, Mar. 15, 1820 (3 Stat. L., 555).

DATES OF APPORTIONMENT ACTS AND RATIO OF POPULATION TO EACH REPRESENTATIVE.

CENSUS.	Date of apportionment act.	Ratio.	CENSUS.	Date of apportionment act.	Ratio.
1910.....	Aug. 8, 1911 (37 Stat. L., 13).	211,877	1840.....	June 25, 1842 (5 Stat. L., 491)	70,680
1900.....	Jan. 16, 1901 (31 Stat. L., 733).	194,182	1830.....	May 22, 1832 (4 Stat. L., 516)	47,700
1890.....	Feb. 7, 1891 (26 Stat. L., 735).	173,901	1820.....	Mar. 7, 1822 (3 Stat. L., 651).	40,000
1880.....	Feb. 25, 1882 (22 Stat. L., 5).	151,911	1810.....	Dec. 21, 1811 (2 Stat. L., 669).	35,000
1870.....	Feb. 2, 1872 (17 Stat. L., 28).	131,425	1800.....	Jan. 14, 1802 (2 Stat. L., 128).	33,000
1860.....	May 23, 1860 (9 Stat. L., 428-432).	127,381	1790.....	Apr. 17, 1792 (1 Stat. L., 235).	33,000
1850.....	May 23, 1850 (9 Stat. L., 428-432).	93,423		Constitution, 1789.....	30,000

AREA AND DENSITY OF POPULATION.

Area.—At the First Census, in 1790, the United States comprised substantially the territory between the Atlantic Ocean and the Mississippi River except Florida, representing a gross area (land and water surface) of 892,135 square miles. The United States, with its outlying possessions, now comprises a gross area of 3,743,306 square miles, or more than four times the area in 1790. The successive accessions of territory were as follows:

ACCESSION.	Gross area in square miles.	ACCESSION.	Gross area in square miles.
United States.....	3,026,789	Outlying possessions .	716,517
Area of U. S. in 1790.....	892,135	Alaska, 1867.....	590,884
Louisiana Purchase, 1803..	827,987	Hawaii, 1898.....	6,449
Florida, 1819.....	58,666	Philippine Islands, 1899..	115,022
Territory gained through Treaty with Spain, 1819.	13,435	Porto Rico, 1899.....	3,455
Texas, 1845.....	389,166	Guam, 1899.....	210
Oregon, 1846.....	286,541	Samoa, 1900.....	77
Mexican Cession, 1848.....	529,189	Panama Canal Zone, 1904..	436
Gadsden Purchase, 1853....	29,670		

¹ Includes the drainage basin of the Red River of the North, not a part of any acquisition, but previously considered a part of the Louisiana Purchase.

The area in 1910, by states, was as follows:

STATE.	Rank in gross area.	AREA IN SQUARE MILES.		
		Gross.	Land.	Water. ¹
United States.....		3,026,789	2,973,890	52,899
Texas.....	1	265,896	262,398	3,498
California.....	2	158,297	155,652	2,645
Montana.....	3	146,997	146,201	796
New Mexico.....	4	122,634	122,303	331
Arizona.....	5	113,956	113,810	146
Nevada.....	6	110,690	109,821	869
Colorado.....	7	103,948	103,658	290
Wyoming.....	8	97,914	97,594	320
Oregon.....	9	96,599	95,667	1,932
Utah.....	10	84,990	82,184	2,806
Minnesota.....	11	84,682	80,858	3,824
Idaho.....	12	83,888	83,354	534
Kansas.....	13	82,158	81,774	384
South Dakota.....	14	78,615	76,808	747
Nebraska.....	15	77,520	76,808	712
North Dakota.....	16	70,837	70,183	654
Oklahoma.....	17	70,057	69,414	643
Missouri.....	18	69,420	68,727	693
Washington.....	19	69,127	66,836	2,291
Georgia.....	20	58,253	58,725	540
Florida.....	21	58,666	54,561	3,805
Michigan.....	22	57,980	57,480	500
Illinois.....	23	56,665	56,043	622
Iowa.....	24	56,147	55,586	561
Wisconsin.....	25	56,066	55,256	810
Arkansas.....	26	53,335	52,525	810
North Carolina.....	27	52,426	48,740	3,686
Alabama.....	28	51,998	51,279	719
New York.....	29	49,204	47,654	1,550
Louisiana.....	30	48,506	46,499	3,997
Mississippi.....	31	46,865	46,362	503
Pennsylvania.....	32	45,126	44,832	294
Virginia.....	33	42,627	40,262	2,365
Tennessee.....	34	42,022	41,657	335
Ohio.....	35	41,040	40,740	300
Kentucky.....	36	40,598	40,151	447
Indiana.....	37	36,354	36,045	309
Maine.....	38	33,040	29,895	3,145
South Carolina.....	39	30,989	30,495	494
West Virginia.....	40	24,170	24,022	148
Maryland.....	41	12,327	9,941	2,386
Vermont.....	42	9,564	9,124	440
New Hampshire.....	43	9,341	9,031	310
Massachusetts.....	44	8,266	8,039	227
New Jersey.....	45	8,224	7,514	710
Connecticut.....	46	4,965	4,820	145
Delaware.....	47	3,370	1,965	1,405
Rhode Island.....	48	1,248	1,067	181
District of Columbia.....	49	70	60	10

¹ Does not include the water surface of the oceans, the Gulf of Mexico, or the Great Lakes, lying within the jurisdiction of the United States.

Population per square mile.—Table 10 shows, for the United States, the total population, land area in square miles, and population per square mile of land area, at each census since 1790.

CENSUS YEAR.	Population of the United States.	Land area in square miles.	Population per square mile.
1910.....	91,972,266	2,973,890	30.9
1900.....	75,994,575	2,974,159	25.6
1890.....	62,947,714	2,973,965	21.2
1880.....	50,155,783	2,973,965	16.9
1870.....	38,558,371	2,973,965	13.0
1860.....	31,443,321	2,973,965	10.6
1850.....	23,191,876	2,944,337	7.9
1840.....	17,069,453	1,753,588	9.7
1830.....	12,866,020	1,753,588	7.3
1820.....	9,638,453	1,753,588	5.5
1810.....	7,289,881	1,685,865	4.4
1800.....	5,308,483	867,980	6.1
1790.....	3,929,214	867,980	4.5

According to the census of 1910, there were in the United States, on the average, 30.9 inhabitants to each square mile of land area, or nearly seven times the number per square mile shown for the much smaller area of 1790, and nearly three times the number shown for 1860. The decrease in the average number of inhabitants per square mile at the censuses of 1810 and 1850 was due in each case to large accessions of thinly populated territory during the preceding decade.

The relative density of population of each state of the United States in 1910 is exhibited by the map on the opposite page, while Table 11 shows, for each geographic division and state, the population and land area in 1910 and the population per square mile at each of the last three censuses.

In the order of density of population the geographic divisions ranked as follows in 1910: Middle Atlantic, 193.2 inhabitants per square mile; New England, 105.7; East North Central, 74.3; East South Central, 46.8; South Atlantic, 45.3; West North Central, 22.8; West South Central, 20.4; Pacific, 13.2; Mountain, 3.1.

Aside from the District of Columbia there were 10 states in which there was in 1910 a population per square mile of more than 100. These states, in the order of density of population, are as follows: Rhode Island, Massachusetts, New Jersey, Connecticut, New York, Pennsylvania, Maryland, Ohio, Delaware, and Illinois.

There were 16 states which had, on the average, less than 18 inhabitants to the square mile. Eight of these states are in the Mountain division (comprising its entire area), 3 in the Pacific division (comprising its entire area), 3 in the West North Central division, 1 in the West South Central division, and 1 in the South Atlantic division.

Among the outlying possessions Alaska had an average density of only 0.1 per square mile; Hawaii, 29.8, about that of Arkansas; and Porto Rico, 325.5, or greater than that of any state of the United States except Rhode Island, Massachusetts, and New Jersey.

CENTER OF POPULATION.

On the basis of the Thirteenth Census returns the center of population and the median point for the United States have been determined for April 15, 1910. In these calculations no account is taken of the territory and population of Alaska and of other outlying possessions.

The center is often understood to be the point of intersection of a north and south line which divides the population equally, with an east and west line which likewise divides it equally. This point of intersection is, in a certain sense, a center of population; it is here, however, designated the median point to distinguish it from the point technically defined as the center.

The character of these two points may be made clear through a physical analogy. The center of population may be said to represent the center of gravity of the population. If the surface of the United States be considered as a rigid plane without weight, capable of sustaining the population distributed thereon, individuals being assumed to be of equal weight, and each, therefore, to exert a pressure on any supporting pivotal point directly proportional to his distance from the point, the pivotal point on which the plane balances would, of course, be its center of gravity; and this is the point referred to by the term "center of population," as used in this chapter. In determining the median point distance is not taken into account, and the location of the units of population is considered only in relation to the intersecting

median lines—as being north or south of the median parallel and east or west of the median meridian. Extensive changes in the geographic distribution of the population may take place without affecting the median point, whereas the center of population responds to the slightest population change in any section of the country.

At the Thirteenth Census the center of population was in the following position:

Latitude..... 39° 10' 12'' N.
Longitude..... 86° 32' 20'' W.

This point is in southern Indiana, in the western part of Bloomington city, Monroe County.

During the last decade, 1900 to 1910, the center of population moved west 43' 26'', approximately 39 miles, while its northward movement was only 36'', or approximately seven-tenths of a mile. The westward movement from 1900 to 1910 was nearly three times as great as that from 1890 to 1900, but was less than that for any decade between 1840 and 1890.

The closeness with which the center of population throughout its westward movement has clung to the thirty-ninth parallel of latitude is remarkable. The total westward movement since 1790 is 557 miles.

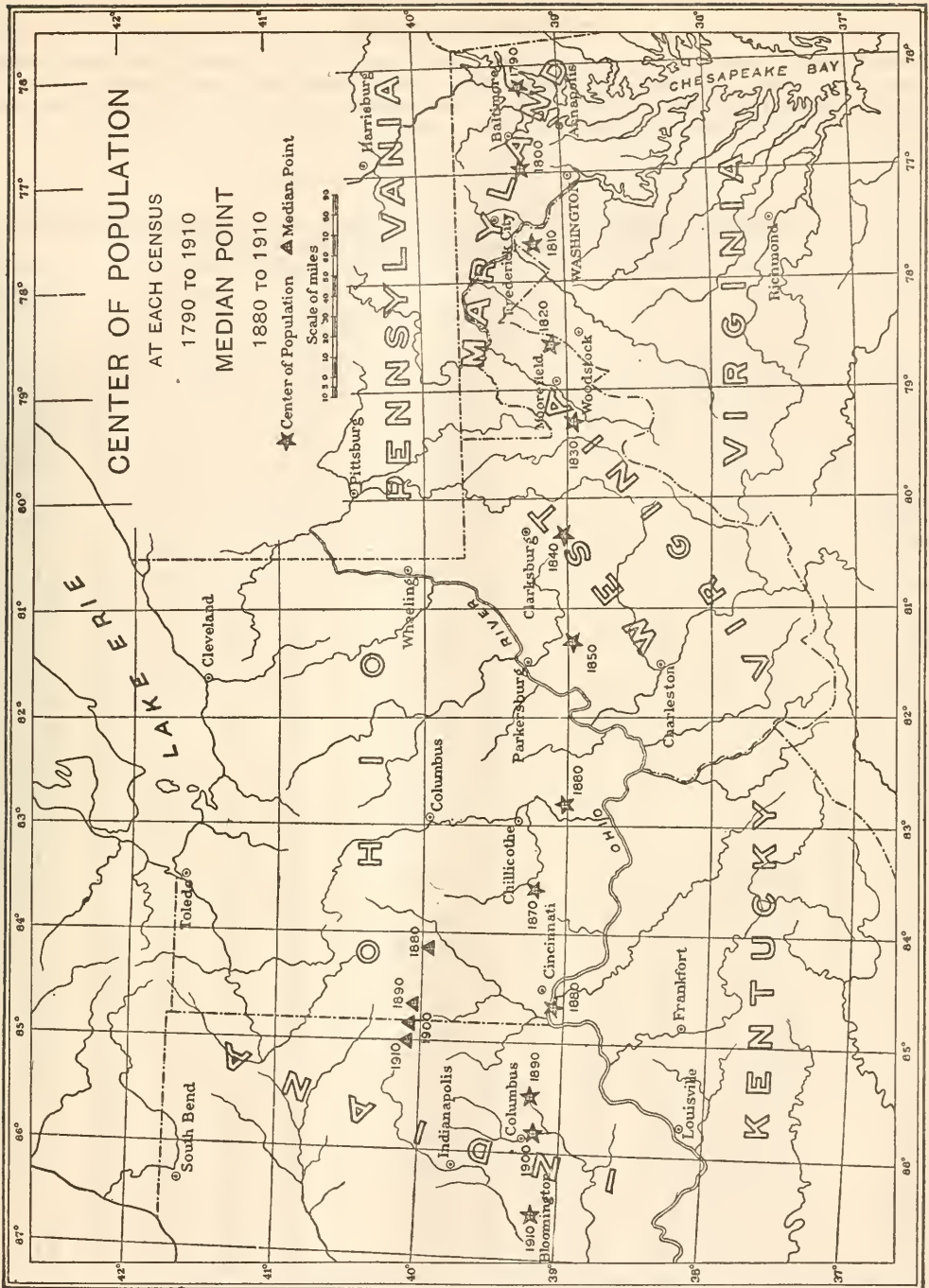
The following table and the map on the opposite page show the location of the center of population and its proximity to important towns at each successive Federal census, and its westward advance during each decade since 1790:

CENSUS YEAR.	LOCATION.						APPROXIMATE LOCATION BY IMPORTANT TOWNS.	MOVEMENT IN MILES DURING PRECEDING DECADE.			
	North latitude.		West longitude.		From point to point in direct line.	Westward.		Northward.	Southward.		
	°	'	°	'							
1790.....	39	16	30	76	11	12	23 miles east of Baltimore, Md.....				
1800.....	39	16	6	76	56	30	18 miles west of Baltimore, Md.....	40.6	40.6		0.5
1810.....	39	11	30	77	37	12	40 miles northwest by west of Washington, D. C.....	36.9	36.5		5.3
1820.....	39	5	42	78	33	0	16 miles north of Woodstock, Va.....	50.5	50.1		6.7
1830.....	38	57	54	79	16	54	19 miles west-southwest of Moorefield, W. Va.....	40.4	39.4		9.0
1840.....	39	5	2	80	18	0	16 miles south of Clarksburg, W. Va.....	55.0	54.8	4.7	
1850.....	38	59	0	81	19	0	23 miles southeast of Parkersburg, W. Va.....	54.8	54.7		3.5
1860.....	39	0	24	82	48	48	20 miles south of Chillicothe, Ohio.....	80.6	80.6	1.6	
1870.....	39	12	0	83	35	42	48 miles east by north of Cincinnati, Ohio.....	44.1	42.1	13.3	
1880.....	39	4	8	84	39	40	8 miles west by south of Cincinnati, Ohio.....	58.1	57.4		9.1
1890.....	39	11	56	85	32	53	20 miles east of Columbus, Ind.....	48.6	47.7	9.0	
1900.....	39	9	36	85	48	54	6 miles southeast of Columbus, Ind.....	14.6	14.4		2.8
1910.....	39	10	12	86	32	20	In the city of Bloomington, Ind.....	39.0	38.9	0.8	

In connection with the location of the center of population of the United States it is of interest to note also the position of what may be termed the center of area—that is, the point on which the surface of the United States would balance if it were a plane of uniform weight per unit of area. This point is located in northern Kansas, 10 miles north of Smith Center, the county seat of Smith County, approximate latitude 39° 55', longitude 98° 50', and is therefore about three-fourths of a degree (51 miles) north and

12½ degrees (657 miles) west of the center of population. This would be the center of population if the population were distributed evenly over the territory of the United States.

In 1910 the median point was located at latitude 40° 6' 24" north and longitude 84° 59' 59" west, practically the eighty-fifth meridian. Its location, therefore, was 3½ miles south of Winchester, Randolph County, Ind.; its westward movement during the decade was 7.5 miles, its northward movement 2.3 miles.



POPULATION OF COUNTIES.

Tables 13 and 14 show the area and population in 1910 of each county or equivalent subdivision of the United States, Alaska, Hawaii, and Porto Rico; also the population in 1900 and 1890, except for

such counties as were organized subsequent to these censuses. Notes immediately following the tables indicate changes in counties which affect the comparability of the figures.

(Text continued on page 54.)

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890.

[In computing the increase from 1890 to 1900 for certain counties the population of Indian reservations in 1900 has been deducted from the total population of the county, in order to make that total comparable with the total for 1890, which does not include the population of Indian reservations.]

[Per cent not shown where base is less than 100. A minus sign (-) denotes decrease.]

TABLE 13 COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.			COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900	1910			1900	1890	1900-1910	1890-1900	
ALABAMA	61,279	2,138,093	1,828,697	1,513,401	16.9	20.8	ARIZONA	113,810	204,354	122,931	68,243	66.2	89.8	
Autauga.....	554	20,038	17,915	13,300	11.9	34.4	Apache ¹	11,379	9,196	8,297	4,281	16.8	-31.0	
Baldwin.....	1,535	18,173	13,194	8,941	37.8	47.6	Cochise ²	6,170	34,391	9,251	6,938	27.9	33.3	
Barbour.....	912	32,728	35,152	34,898	-6.9	0.7	Cocconino ²	18,238	8,130	5,514	.....	47.4	.....
Bibb.....	634	22,791	18,498	13,824	23.2	33.8	Gila.....	4,653	16,348	4,973	2,021	228.7	1,110.0	
Blount.....	649	21,456	23,119	21,927	-7.2	5.4	Graham.....	6,508	23,999	14,162	5,670	69.5	140.8	
Blount.....	610	30,196	31,944	27,063	-5.5	18.0	Maricopa.....	8,891	34,488	20,457	10,966	68.6	63.9	
Butler.....	703	29,030	25,761	21,641	12.7	19.0	Mohave.....	13,350	37,773	3,426	1,444	10.1	137.3	
Calhoun ²	630	39,115	34,874	33,835	12.2	3.1	Navajo ²	10,349	11,471	8,829	.....	29.0	.....
Chambers.....	588	36,056	32,554	26,319	10.8	22.7	Pima ²	9,505	22,818	14,689	12,673	55.3	3.7	
Cherokee.....	577	20,226	21,096	20,459	-4.1	3.1	Pinal.....	5,380	9,045	7,779	4,251	16.3	13.5	
Chilton.....	729	23,187	16,522	14,549	40.3	40.3	Santa Cruz ²	1,229	6,766	4,545	.....	48.0	.....
Choctaw.....	932	18,483	18,136	17,526	1.7	3.5	Yavapai ²	8,150	15,996	13,799	8,655	15.9	58.9	
Clarke.....	1,216	39,987	27,790	22,624	11.5	22.8	Yuma.....	9,987	7,733	3,145	2,671	88.6	64.3	
Clay ²	614	21,006	17,099	15,765	22.8	8.5	ARKANSAS	62,626	1,574,449	1,311,664	61,228,211	20.0	16.8	
Cleburne ²	568	13,385	13,206	13,218	1.4	-0.1	Arkansas.....	1,000	16,103	12,973	11,432	24.1	13.5	
Coffee.....	678	26,119	20,972	12,170	24.5	72.3	Ashley.....	940	25,268	19,734	13,295	28.0	48.4	
Colbert ²	618	24,802	22,341	20,189	11.0	10.7	Baxter.....	536	10,369	9,298	8,527	11.7	9.0	
Concenn ²	849	21,433	17,514	14,594	24.4	20.0	Benton.....	876	33,389	31,611	27,716	5.6	14.1	
Cosa.....	655	16,634	16,144	15,906	3.0	1.5	Boone.....	688	14,318	15,386	.....	50.2	3.7
Covington.....	1,042	32,124	15,346	7,536	103.3	103.6	Bradley.....	659	14,618	9,651	7,972	50.4	21.1	
Crenshaw.....	618	23,313	19,668	15,425	18.5	27.5	Calhoun.....	629	9,894	8,539	7,267	15.9	17.6	
Cullman ²	703	28,327	17,849	13,139	58.7	32.8	Carroll.....	641	16,829	18,848	17,288	-10.7	9.0	
Dale ²	563	21,608	21,189	17,225	2.0	23.0	Chicot.....	607	21,987	14,528	11,419	51.3	27.2	
Dallas.....	957	53,401	54,657	49,750	-2.3	10.8	Clark.....	882	23,686	21,289	20,997	11.3	1.4	
Dekalb.....	786	28,261	23,558	21,106	20.0	11.6	Clay ²	654	23,690	15,886	12,200	49.1	30.2	
Elmore.....	622	28,245	26,099	21,732	8.2	20.1	Cleburne.....	596	11,908	9,828	7,884	28.6	22.1	
Escambia.....	957	18,889	11,320	8,666	66.9	30.6	Cleveland.....	603	13,481	11,620	11,362	16.0	2.3	
Etowah.....	542	39,109	27,361	21,926	42.9	24.8	Columbia ²	785	23,820	22,077	19,983	7.9	11.0	
Fayette.....	648	16,248	14,132	12,323	15.0	10.2	Conway.....	563	22,729	19,772	19,459	15.0	1.6	
Franklin.....	647	19,369	16,511	10,681	17.3	54.6	Craighead.....	687	27,627	19,505	12,025	41.6	62.2	
Geneva ²	578	26,230	19,096	10,690	37.4	78.6	Crawford ²	593	23,642	21,270	21,714	12.6	-2.0	
Greene.....	635	22,717	22,132	22,007	-6.1	9.9	Crittenden.....	582	22,447	14,529	13,940	54.5	4.2	
Hale.....	646	27,883	31,011	27,501	-10.1	12.8	Cross.....	619	14,042	11,051	7,993	27.1	43.7	
Henry ²	540	20,943	36,147	24,847	-42.1	45.5	Dallas.....	679	12,621	11,518	9,296	9.6	23.9	
Houston ²	579	32,414	.....	.....	.....	.....	Desha.....	747	15,274	11,511	10,324	32.7	11.5
Jackson.....	1,140	32,918	30,508	28,026	7.9	8.9	Drew.....	847	21,950	19,451	17,352	12.9	7.9	
Jefferson.....	1,135	226,476	140,420	88,501	61.3	58.7	Paulkner.....	651	23,708	20,780	18,362	14.1	12.1	
Lamar.....	691	17,487	16,084	14,187	8.7	18.4	Franklin.....	606	20,638	17,395	19,934	18.6	-12.7	
Laurel.....	694	30,936	26,559	23,739	16.5	11.9	Fulton.....	625	12,193	12,917	10,984	-5.6	17.6	
Lawrence ²	700	21,984	20,124	20,725	9.2	-2.9	Garland.....	631	27,271	18,773	15,328	45.3	22.5	
Lee.....	632	32,867	31,826	28,694	3.3	10.9	Grant.....	637	9,425	7,071	7,786	22.9	-1.5	
Limestone.....	596	26,880	22,387	21,201	20.1	5.6	Greene ²	561	23,552	16,979	12,908	40.5	31.5	
Lowndes.....	739	31,894	35,651	31,550	-10.5	13.0	Hempstead.....	727	28,285	24,101	22,796	17.4	5.9	
Macon.....	614	26,040	23,126	18,430	12.6	25.4	Hot Spring.....	613	15,022	12,748	11,603	17.8	9.9	
Madison.....	811	47,041	43,702	38,119	7.6	14.6	Howard ²	602	16,898	14,076	13,789	20.0	2.1	
Marengo.....	966	39,923	33,315	33,095	4.2	15.8	Independence.....	762	24,776	22,557	21,961	9.8	2.7	
Marion.....	743	17,495	14,494	11,947	20.7	27.7	Izard.....	583	14,561	13,506	13,038	7.8	3.6	
Marshall.....	602	28,553	23,289	18,935	22.6	23.0	Jackson.....	604	23,501	18,383	15,179	27.8	21.2	
Mobile.....	1,226	80,854	62,740	51,587	28.9	21.6	Jefferson.....	903	52,734	40,972	40,881	28.7	0.1	
Monroe.....	1,012	27,135	25,666	18,960	14.7	24.4	Johnson.....	675	19,698	17,448	16,758	12.9	4.1	
Montgomery.....	801	82,178	72,047	56,172	14.1	28.3	Lafayette ²	525	13,741	10,594	7,700	29.7	37.6	
Morgan.....	587	33,781	28,820	24,089	17.2	19.6	Lawrence.....	592	20,001	16,491	12,984	21.3	27.0	
Perry.....	737	31,222	31,783	29,332	-1.8	8.4	Lee.....	601	24,652	19,469	15,866	15.0	9.0	
Pickens.....	875	25,055	24,402	22,470	2.7	8.6	Lincoln.....	571	15,118	13,389	10,255	12.9	30.6	
Pike.....	671	30,815	29,172	24,423	5.6	19.7	Little River.....	546	13,597	13,743	8,903	-1.0	54.2	
Randolph.....	590	24,639	21,647	17,219	13.9	25.7	Logan ²	726	26,350	20,563	20,774	28.1	-1.0	
Russell.....	619	25,937	25,082	24,972	4.2	14.4	Lonoke.....	794	27,983	22,544	19,263	24.1	17.0	
St. Clair.....	645	20,715	19,425	17,353	6.6	11.9	Madison.....	596	16,056	19,365	17,402	-13.1	14.1	
Shelby.....	806	26,949	23,684	20,886	13.8	13.4	Madison.....	646	10,203	11,377	10,260	-10.3	9.5	
Sumter.....	908	28,699	32,710	29,574	-12.3	10.6	Miller.....	623	19,455	17,558	14,714	11.4	19.3	
Talladega ²	755	37,921	35,773	29,346	6.0	21.9	Mississippi ²	792	30,568	16,384	11,635	86.0	40.8	
Tallapoosa.....	762	31,024	29,675	25,460	4.6	15.6	Monroe.....	603	19,907	16,816	15,336	18.4	9.7	
Tuscaloosa.....	1,346	47,559	36,147	30,352	31.6	19.1	Montgomery.....	891	12,455	9,444	7,923	31.9	19.2	
Walker ²	777	37,013	25,162	16,078	47.1	56.5	Newton.....	600	19,344	16,409	14,832	18.5	12.0	
Washington.....	1,087	14,454	11,134	7,935	29.8	40.3	Newton.....	846	10,612	12,538	9,950	-15.4	26.0	
Wilcox.....	896	33,810	35,631	30,816	-5.1	15.6	Ouachita.....	733	21,771	20,892	17,033	4.2	22.7	
Winston.....	630	12,855	9,554	6,552	34.6	45.3	Perry.....	592	9,402	7,394	5,538	28.9	31.7	
							Phillips.....	692	33,535	26,561	25,341	26.3	4.8	
							Pika.....	601	12,565	10,301	8,537	22.0	20.7	

¹ State total includes population (384) specially enumerated in 1890, not distributed by counties.

² For changes in boundaries, etc., of counties, see page 53.

³ State total includes population (3,065) of San Carlos Indian Reservation, not returned by counties in 1900; returned in 1910 in Gila and Graham Counties.

⁴ State total includes population (28,623) of Indian reservations specially enumerated in 1890, not distributed by counties.

⁵ See headline to table.

⁶ State total includes population (32) specially enumerated in 1890, not distributed by counties.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (-) denotes decrease.]

Table 13—Con.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
FLORIDA	54,861	752,619	528,842	391,422	42.4	35.0	GEORGIA—Con.						
Alachua.....	1,262	34,305	32,245	22,934	6.4	40.6	Columbia.....	350	12,328	10,653	11,281	15.7	-5.6
Baker.....	587	4,805	4,516	3,333	6.4	35.5	Coweta.....	470	28,800	24,980	22,354	15.3	11.7
Bradford.....	539	14,060	10,255	7,516	36.9	37.0	Crawford.....	319	8,310	10,368	9,315	-19.8	11.3
Brevard.....	1,025	4,717	5,158	2,401	-8.5	51.7	Dade.....	277	16,423				
Calhoun.....	1,192	7,465	5,142	1,681	45.5	205.3	Dade.....	186	4,139	4,578	5,707	-9.6	-19.8
Citrus.....	670	6,731	5,391	2,394	24.9	125.2	Dawson.....	216	4,686	5,442	5,612	-13.9	-2.0
Clay.....	619	6,116	5,635	5,154	8.5	9.3	DeKalb.....	833	29,454	29,454	19,949	-1.4	47.6
Columbia.....	792	17,689	17,094	12,877	3.5	32.7	DeKalb.....	272	27,881	21,112	17,189	32.1	3.8
Dade.....	2,733	11,933	4,955	861	140.8	475.5	Dodge.....	301	20,127	13,975	11,452	44.0	22.0
De Soto.....	3,754	14,200	8,047	4,944	76.5	62.8	Dooly.....	437	20,554	20,567	18,146	-22.6	46.4
Duval.....	786	75,163	39,733	26,800	89.2	48.3	Dougherty.....	342	16,035	13,679	12,206	17.2	12.1
Escambia.....	657	38,023	28,313	20,188	34.3	40.2	Douglas.....	208	8,953	8,745	7,794	2.4	12.2
Franklin.....	541	5,291	4,830	3,308	6.4	47.8	Early.....	524	18,122	14,828	9,792	22.2	51.4
Gadsden.....	540	22,198	15,294	11,894	45.1	25.6	Etchings.....	362	3,309	3,309	3,079	3.4	4.2
Hamilton.....	528	11,825	11,881	8,507	-0.5	39.7	Etchings.....	448	9,971	8,334	5,599	19.6	48.8
Hernando.....	497	4,997	3,638	2,476	37.4	46.9	Elbert.....	361	24,125	19,729	15,376	22.3	26.3
Hillsboro.....	1,329	78,374	36,013	14,941	117.6	141.0	Emmanuel.....	935	25,140	21,379	14,703	18.1	44.7
Holmes.....	458	11,557	7,762	4,336	48.9	79.0	Fannin.....	401	12,574	11,214	8,724	12.1	28.5
Jackson.....	965	29,821	23,377	17,544	27.6	33.2	Fayette.....	234	10,966	10,114	8,728	8.4	15.9
Jefferson.....	585	17,210	16,195	15,757	6.3	2.8	Floyd.....	502	36,736	33,113	28,391	10.9	16.6
Lafayette.....	1,244	6,710	4,987	3,686	34.5	35.3	Forsyth.....	247	11,940	11,550	11,155	3.4	3.5
Lake.....	1,047	9,509	7,467	8,634	27.3	-7.1	Franklin.....	279	17,894	17,700	14,670	1.1	20.7
Lee.....	4,031	6,294	3,671	1,414	104.9	17.2	Franklin.....	183	177,733	117,363	84,655	51.4	38.6
Leon.....	715	19,427	19,857	17,752	-2.3	12.0	Gilmer.....	440	9,237	10,198	9,074	-3.4	12.4
Levy.....	1,143	10,361	8,603	6,586	20.4	30.6	Glascock.....	170	4,669	4,516	3,720	3.4	21.4
Liberty.....	823	4,700	2,956	1,452	59.0	103.6	Glynn.....	439	15,720	14,317	13,420	9.8	6.7
Madison.....	719	16,919	15,446	14,316	9.5	7.9	Gordon.....	375	15,861	14,119	12,758	12.3	10.7
Manatee.....	1,337	9,550	4,663	2,895	104.8	61.1	Grady.....	444	18,457	16,542	17,051	-1.1	-3.0
Marion.....	1,647	26,941	24,403	20,796	10.4	17.2	Greene.....	416	18,512	16,542	17,051	11.9	-3.0
Monroe.....	1,100	21,563	18,006	18,786	19.8	-4.3	Gwinnett.....	491	28,824	25,585	19,899	12.7	28.6
Nassau.....	630	10,525	9,654	8,294	9.0	16.4	Habersham.....	290	10,134	13,604	11,573	-25.5	17.5
Orange.....	1,250	19,107	11,374	12,534	68.0	-9.6	Hall.....	437	25,730	20,752	18,047	24.0	15.0
Ocala.....	1,773	5,507	3,444	3,133	59.9	9.9	Hancock.....	539	19,189	16,277	17,149	5.0	6.6
Palm Beach.....	3,048	5,577					Haralson.....	338	13,514	11,022	11,316	13.4	8.4
Pasco.....	767	7,502	6,054	4,249	23.9	42.5	Harris.....	501	17,886	18,069	16,797	-0.7	7.2
Polk.....	1,907	24,148	12,472	7,905	93.6	57.8	Hart.....	261	16,216	14,492	10,887	11.9	33.1
Putnam.....	752	13,696	11,641	11,186	12.5	4.1	Hall.....	258	11,189	11,177	9,557	0.1	17.0
St. John.....	966	13,208	9,165	8,712	44.1	5.2	Henry.....	324	19,927	18,602	16,220	7.1	14.7
St. Lucie.....	1,395	4,075					Houston.....	585	23,609	22,641	21,613	4.3	4.8
Santa Rosa.....	1,546	14,897	10,293	7,961	44.7	29.3	Irwin.....	378	10,461	13,645	16,316	-23.3	116.0
Sumter.....	583	6,696	6,187	5,363	8.2	15.4	Jackson.....	433	30,169	24,629	21,256	25.5	24.0
Suwanee.....	692	18,003	14,354	10,524	27.8	38.3	Jasper.....	321	16,552	15,033	13,879	10.1	8.3
Taylor.....	9,064	7,103	3,999	2,122	77.6	86.5	Jefferson.....	630	30,000	26,820	23,820	11.1	11.1
Volusia.....	1,256	16,510	10,003	8,467	65.1	18.1	Jefferson.....	720	21,379	18,212	17,213	17.4	5.4
Wakulla.....	602	4,892	5,149	3,117	-6.7	68.2	Jenkins.....	342	11,520				
Walton.....	1,382	16,469	9,366	4,816	76.1	94.1	Johnson.....	292	12,897	11,409	6,129	13.0	86.1
Washington.....	1,435	16,403	10,154	6,426	61.5	58.0	Jones.....	377	17,103	13,358	12,709	-1.9	5.1
GEORGIA	58,726	2,609,121	2,216,331	1,837,353	17.7	20.6	Laurens.....	806	35,501	25,908	13,747	30.7	88.5
Appling.....	604	12,318	12,336	8,676	-0.1	42.2	Lee.....	326	11,679	10,344	9,674	12.9	14.0
Baker.....	357	7,973	6,794	6,144	18.9	31.6	Liberty.....	936	12,924	13,043	12,887	-1.3	1.6
Baldwin.....	307	18,354	17,768	14,068	3.3	21.6	Lincoln.....	291	8,714	7,156	6,146	21.8	16.4
Banks.....	222	11,244	10,545	8,862	6.6	23.2	Lowndes.....	482	24,436	20,036	15,102	22.0	32.7
Bartow.....	471	25,388	20,823	20,616	21.9	1.0	Lumpkin.....	280	5,444	6,867	6,867	-28.8	8.2
Ben Hill.....	256	11,863					McDuffie.....	287	10,325	9,804	8,789	6.3	11.5
Berrien.....	735	22,772	19,440	16,694	17.1	81.8	McIntosh.....	470	6,432	6,537	6,470	-1.5	1.0
Bibb.....	277	56,646	50,473	42,370	12.2	19.1	Macon.....	309	15,016	14,093	13,183	6.5	6.9
Brooks.....	514	23,832	18,606	13,979	28.1	33.4	Madison.....	284	16,851	13,224	11,024	27.4	20.0
Bryan.....	431	6,702	6,122	5,230	9.5	10.9	Marion.....	300	9,147	10,080	7,728	-9.3	30.4
Bulloch.....	887	26,464	21,377	13,712	23.8	55.9	Meriwether.....	496	25,180	23,399	20,740	7.9	12.5
Burke.....	956	27,288	30,162	28,501	-9.6	5.8	Miller.....	253	7,986	6,319	4,275	26.4	47.8
Butts.....	203	13,624	12,805	10,865	6.4	21.2	Milton.....	548	7,239	6,763	6,208	7.0	8.9
Calhoun.....	284	11,334	9,274	8,438	22.2	9.9	Mitchell.....	548	22,114	14,767	10,906	49.8	33.4
Camden.....	711	7,690	7,669	6,178	6.3	24.1	Monroe.....	384	20,450	20,682	19,137	-1.1	8.1
Campbell.....	213	10,874	9,518	9,115	14.2	4.4	Montgomery.....	591	19,638	16,359	9,248	20.0	76.9
Carroll.....	492	30,855	26,576	22,301	16.1	19.2	Morgan.....	390	19,717	15,513	16,041	24.7	-1.4
Catoosa.....	169	7,184	5,823	5,431	23.4	7.2	Murray.....	342	9,763	8,623	8,461	13.2	1.9
Chatahoochee.....	905	4,722	3,562	3,335	31.5	25.4	Muscogee.....	235	36,227	29,836	27,761	21.4	7.5
Chatham.....	370	79,690	71,239	57,740	11.9	23.4	Newton.....	262	18,449	16,734	14,310	10.2	16.9
Chattahoochee.....	218	5,586	5,790	4,902	-3.5	15.1	Occombe.....	172	11,104	8,662	7,715	23.1	11.5
Chattauga.....	328	13,608	12,952	11,322	5.1	18.6	Oglethorpe.....	304	18,680	17,881	16,351	4.5	8.5
Cherokee.....	429	16,661	15,243	11,412	9.3	11.1	Paulding.....	324	14,124	12,669	11,948	8.9	5.5
Clarke.....	114	23,273	17,708	15,186	31.4	16.6	Peach.....	231	8,941	8,641	8,182	4.6	5.6
Clay.....	203	8,900	8,768	7,817	4.6	9.6	Peach.....	605	10,749	8,160	6,379	32.7	27.0
Clayton.....	142	10,453	9,598	8,295	8.9	15.7	Pike.....	307	19,495	18,761	16,300	3.9	15.1
Clinch.....	961	8,424	8,732	6,632	-3.5	31.3	Polk.....	317	20,203	17,856	14,945	13.1	19.5
Cobb.....	553	28,397	24,664	22,286	15.1	10.7	Polaski.....	463	22,825	18,489	16,559	23.5	11.7
Cofer.....	291	3,959	16,169	10,483	35.8	54.2	Putnam.....	361	13,676	13,436	14,842	3.3	-9.5
Colquitt.....	329	19,789	13,636</										

POPULATION OF COUNTIES.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (-) denotes decrease.]

Table 13—Con.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
GEORGIA—Con.							ILLINOIS—Con.						
Richmond.....	319	58,886	53,735	45,194	9.6	18.9	Bureau.....	881	43,975	41,112	35,014	7.0	17.4
Rockdale.....	119	8,516	7,515	6,813	18.6	10.3	Calhoun.....	256	8,610	8,917	7,652	-3.4	16.5
Schley.....	154	5,213	5,499	5,443	-2.2	1.0	Carroll.....	453	18,035	18,963	18,320	-4.9	3.5
Screven.....	794	20,202	19,252	14,424	4.9	33.5	Cass.....	371	17,372	17,222	15,963	0.9	7.9
Spalding.....	209	19,741	17,619	13,117	12.0	34.3	Champaign.....	1,043	51,829	47,622	42,159	8.8	13.0
Stephens ¹	166	9,728	15,856	15,682	-1.3	1.1	Christian.....	700	34,594	32,790	30,531	5.5	7.4
Stewart.....	411	13,437	15,856	15,682	-1.3	1.1	Clark.....	493	23,517	24,033	21,899	-1.1	9.7
Sumter.....	456	29,662	26,212	22,107	11.0	18.6	Clay.....	402	18,661	19,553	16,772	-6.6	16.6
Talbot.....	312	11,696	12,197	13,258	-4.1	-8.0	Coles.....	853	22,832	19,824	17,411	15.2	13.9
Tallapoosa.....	212	8,766	7,912	7,291	10.8	8.5	Cook.....	525	34,517	34,146	30,693	5.1	13.5
Tattnall ¹	642	18,569	20,419	10,253	-9.1	99.2	Crawford.....	933	2,405,233	1,838,758	1,191,922	30.8	54.3
Taylor.....	340	10,839	9,846	8,666	10.1	13.6	Cumberland.....	353	14,281	16,124	15,443	-11.4	4.4
Telfair.....	373	12,378	10,083	5,477	31.8	84.1	DeKalb.....	638	33,457	31,756	27,066	5.4	17.3
Terrell.....	322	22,603	19,023	14,503	15.7	31.2	Dewitt.....	415	18,906	18,972	17,011	-0.3	11.5
Thomas ¹	530	29,071	31,076	26,154	-6.5	18.8	Douglas.....	417	19,591	19,097	17,669	2.6	8.1
Tift.....	243	11,487	11,487	11,487	0	0	Dupage.....	345	33,432	28,196	22,551	18.6	25.0
Toombs ¹	393	11,206	11,206	11,206	0	0	Edgar.....	621	27,336	28,273	26,787	-3.3	5.5
Towns.....	181	1,282	4,748	4,064	-17.2	16.8	Edwards.....	511	10,049	10,345	9,444	-2.9	9.5
Troup.....	435	26,228	24,002	20,723	9.3	15.8	Efingham.....	621	20,055	20,465	19,358	-2.0	5.7
Turner.....	231	10,076	10,076	10,076	0	0	Fayette.....	729	28,075	28,065	23,267	(9)	20.1
Twiggs.....	314	10,736	8,716	8,195	23.2	6.4	Ford.....	500	17,066	18,359	17,035	-6.9	7.8
Union.....	324	6,918	8,481	7,749	-18.4	9.4	Franklin.....	445	25,943	19,675	17,138	31.9	14.8
Upson.....	317	12,737	13,670	12,188	-6.7	12.2	Fulton.....	884	49,549	46,201	43,110	7.2	7.2
Walker.....	432	18,692	16,661	13,282	19.4	17.9	Gallatin.....	338	14,628	15,836	14,935	-7.6	6.0
Walton.....	370	25,393	20,942	17,467	21.3	19.9	Greene.....	515	22,363	23,402	23,791	-4.4	-1.6
Ware.....	804	22,967	13,761	8,811	66.8	56.2	Grundy.....	453	24,162	24,136	21,024	0.1	14.8
Warren.....	404	11,860	11,463	10,957	3.5	4.6	Hamilton.....	435	18,227	20,197	17,800	-9.8	13.5
Washington.....	669	23,174	28,227	25,337	-0.2	11.8	Hancock.....	789	30,638	32,215	31,907	-4.9	1.0
Wayne.....	764	13,669	9,449	7,455	38.3	26.2	Hardin.....	185	7,015	7,448	7,234	-5.8	3.0
Webster.....	302	6,151	6,618	5,695	-7.1	16.2	Henderson.....	376	9,724	10,536	9,876	-10.3	9.7
White.....	245	5,110	5,912	6,151	-13.6	-3.9	Henry.....	824	41,736	40,049	33,338	4.2	20.1
Whitfield.....	283	15,934	14,509	12,916	9.8	12.3	Iroquois.....	1,121	35,543	38,014	35,167	-6.5	8.1
Wilcox ¹	403	13,436	11,097	7,980	21.5	39.1	Jackson.....	528	35,143	33,871	27,809	3.8	21.8
Wilkes.....	458	23,441	20,866	18,081	12.3	15.4	Jasper.....	508	18,157	20,100	16,188	-9.9	10.8
Wilkinson.....	472	10,073	11,440	10,781	-11.9	6.1	Jefferson.....	603	29,111	28,133	22,590	3.5	24.5
Worth ¹	651	19,147	18,664	10,448	2.6	85.7	Jersey.....	367	13,964	14,612	14,810	-4.5	-1.3
							Jo Daviess.....	623	22,657	24,533	25,101	-7.6	4.4
							Johnson.....	527	14,331	15,967	15,013	-8.5	4.4
							Kane.....	527	91,862	78,792	65,061	16.6	21.1
							Kankakee.....	668	40,752	37,154	28,732	9.7	29.3
							Keokuk.....	324	10,777	11,467	12,106	-6.0	-5.3
							Knox.....	711	46,159	43,612	38,752	5.8	12.5
							La Salle.....	1,146	90,132	87,776	80,798	7.7	8.6
							Lake.....	355	55,058	34,504	24,235	59.6	42.4
							Lawrence.....	458	22,661	16,623	14,693	37.1	12.5
							Lee.....	742	27,750	29,694	26,187	-7.2	14.2
							Livingston.....	1,043	40,465	42,033	38,455	-3.7	9.3
							Logan.....	617	30,216	28,680	25,489	5.4	12.5
							McDonough.....	588	26,887	28,412	27,467	-5.4	3.4
							McHenry.....	630	32,509	29,759	26,114	9.2	14.0
							McLean.....	1,191	68,008	67,843	63,036	0.2	7.6
							Macon.....	585	54,186	44,003	38,083	23.1	15.5
							Macoupin.....	800	50,685	42,256	40,380	19.9	4.6
							Madison.....	737	69,847	64,694	51,535	38.9	28.5
							Marion.....	569	35,094	30,446	24,341	15.3	25.1
							Marshall.....	396	16,679	16,370	13,653	-4.2	19.9
							Massac.....	555	17,377	17,491	16,967	-0.7	8.9
							Massac.....	240	14,200	13,110	11,313	8.3	15.9
							Menard.....	317	12,796	14,336	13,120	-10.7	9.3
							Mercer.....	540	19,723	20,945	18,545	-5.8	12.9
							Monroe.....	389	13,598	13,847	12,948	-2.4	6.9
							Montgomery.....	689	35,311	30,836	30,003	14.5	2.8
							Morgan.....	576	34,420	35,096	32,636	-1.7	7.3
							Moultrie.....	338	14,630	15,224	14,481	-3.9	5.1
							Ogle.....	756	27,864	29,129	28,710	-4.3	1.5
							Peoria.....	636	100,255	88,608	70,378	13.1	25.9
							Perry.....	451	22,688	19,830	17,529	11.4	13.1
							Piatt.....	451	16,376	17,706	17,062	-7.5	3.8
							Pike.....	786	28,622	31,995	31,000	-9.4	1.9
							Pope.....	855	11,215	13,585	14,016	-17.4	-3.1
							Pulaski.....	190	15,630	14,554	11,355	7.5	28.2
							Putnam.....	173	7,561	4,746	4,730	59.3	0.3
							Randolph.....	587	29,120	28,001	25,049	4.0	11.8
							Richland.....	357	15,970	16,391	16,019	-2.6	9.1

¹ For changes in boundaries, etc., of counties, see page 53.

² Includes land area (51 square miles) of that part of Yellowstone National Park in Idaho. No population reported.

³ State total includes population (4,163) of Indian reservations specially enumerated in 1890, not distributed by counties; also, population (6,798) of Alturas and Logan Counties, taken to form Blaine and Lincoln Counties in 1895.

⁴ See heading to table, page 32.

⁵ State total includes population (1) specially enumerated in 1890, not credited to any county.

⁶ Less than one-tenth of 1 per cent.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.	Land area in square miles 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
ILLINOIS—Con.													
Rock Island.....	424	70,404	55,249	41,917	27.4	31.8	INDIANA—Con.						
St. Clair.....	663	119,870	86,685	65,571	38.3	30.2	Newton.....	405	10,504	10,448	8,803	0.5	18.7
Saline.....	369	30,204	21,685	19,342	39.3	12.1	Noble.....	417	24,009	23,533	23,359	2.0	0.7
Sangamon.....	876	91,024	71,593	61,195	27.1	17.0	Ohio.....	85	4,329	4,724	4,955	-8.4	-4.7
Schuyler.....	432	14,822	16,129	16,043	-7.9	0.6	Orange.....	407	17,192	16,554	14,678	2.0	14.8
Scott.....	249	10,067	10,455	10,304	-3.7	1.5	Owen.....	393	14,033	15,149	15,040	-7.2	0.7
Shelby.....	772	31,693	32,126	31,191	-1.3	3.0	Parke.....	447	22,214	23,000	20,296	-3.4	13.3
Stark.....	240	10,098	10,186	10,982	-0.9	2.0	Perry.....	354	18,078	18,773	18,240	-3.7	2.9
Stephenson.....	559	36,821	34,933	31,338	5.4	11.5	Rock.....	407	26,684	26,484	26,484	-7.9	10.5
Tazewell.....	647	34,027	33,221	29,556	11.2	12.4	Porter.....	415	20,540	19,175	18,052	-7.1	6.2
Union.....	403	21,856	22,610	21,549	-3.3	4.9	Posey.....	402	21,670	22,333	21,529	-3.0	3.7
Vernon.....	921	77,996	65,635	49,905	18.8	31.5	Pulaski.....	432	13,312	14,033	11,233	-5.1	24.9
Wabash.....	229	14,913	12,583	11,866	18.5	6.0	Putnam.....	483	20,520	21,478	22,535	-4.5	-3.8
Warren.....	546	23,313	23,153	21,291	0.6	8.5	Randolph.....	447	29,013	28,633	28,085	1.3	2.0
Washington.....	561	18,759	19,526	19,262	-3.9	1.4	Ripley.....	448	19,452	19,881	19,359	-2.2	2.7
Wayne.....	733	25,667	27,626	23,896	-7.0	16.0	Rush.....	499	19,349	20,148	19,034	-4.0	5.9
White.....	597	25,632	25,386	25,005	-0.9	1.5	St. Joseph.....	460	54,312	58,881	42,457	43.2	38.7
Whiteside.....	679	34,507	34,710	30,854	-0.6	12.5	Scott.....	190	8,323	8,307	7,533	0.2	6.1
Will.....	844	84,371	74,764	62,007	12.8	20.6	Shelby.....	407	20,802	20,491	25,454	-1.2	41.1
Williamson.....	449	45,098	37,796	22,226	62.2	25.1	Spencer.....	403	20,676	20,407	22,600	-0.7	1.6
Winneshago.....	529	63,153	47,845	39,958	32.0	19.4	Starke.....	305	10,567	10,431	7,339	-1.3	42.1
Woodford.....	523	20,506	21,822	21,429	-6.0	1.8	Stueben.....	305	14,274	15,219	14,478	-6.2	5.1
INDIANA													
Adams.....	347	21,840	22,232	20,181	-1.8	10.2	Sullivan.....	460	32,439	26,005	21,877	24.7	18.9
Allen.....	661	93,366	77,270	66,089	20.9	15.9	Switzerland.....	222	9,914	11,840	12,514	-16.3	-5.4
Bartholomew.....	407	24,813	24,594	23,957	0.9	3.0	Tipppecanoe.....	593	40,663	38,659	35,078	3.6	10.2
Benton.....	408	12,688	13,123	11,903	-3.3	10.2	Tipton.....	290	17,459	19,116	18,157	-3.7	5.3
Blackford.....	168	15,820	17,213	10,461	-8.1	64.5	Union.....	162	6,260	6,748	7,006	-7.2	-3.7
Boone.....	427	24,673	26,321	26,572	-6.3	-0.9	Vanderburg.....	233	77,438	71,769	59,509	7.9	20.0
Brown.....	324	7,975	9,727	10,308	-18.0	-5.6	Vanderburgh.....	254	18,848	20,429	18,154	-2.7	15.9
Carroll.....	377	17,970	19,953	20,021	-9.9	-0.3	Vigo.....	409	87,930	62,035	50,195	41.7	23.6
Cass.....	416	34,308	34,645	30,259	-5.3	10.3	Wabash.....	425	26,906	28,285	27,126	-4.6	4.1
Clark.....	375	30,260	31,835	30,021	-4.9	5.2	Warren.....	368	10,899	11,371	10,555	-4.2	3.8
Clay.....	361	32,535	34,285	30,536	-4.1	12.3	Warrick.....	322	21,911	22,329	21,161	-1.9	5.5
Clinton.....	498	29,674	28,202	27,370	-5.4	3.4	Washington.....	519	17,445	19,409	18,619	-10.1	4.2
Crawford.....	303	12,057	13,476	13,941	-10.5	-3.3	Wayne.....	411	43,757	38,970	37,628	12.3	3.6
Daviess.....	433	27,747	29,914	26,227	-7.2	14.1	Wells.....	365	22,418	23,449	21,514	-4.4	9.0
Dearborn.....	313	21,396	22,194	23,364	-3.6	-5.0	White.....	507	17,402	19,138	18,671	-8.0	22.1
Decatur.....	378	18,793	19,518	19,277	-3.7	1.3	Whitley.....	338	16,892	17,328	17,768	-2.5	-2.5
Dekalb.....	370	25,054	25,711	24,207	-2.6	5.8	IOWA						
Delaware.....	392	51,414	49,624	30,131	3.6	64.7	Adair.....	573	14,420	16,192	14,534	-10.9	11.4
Dubois.....	427	19,843	20,357	20,253	-2.5	0.5	Adams.....	427	10,993	13,601	12,292	-19.1	10.6
Elkhart.....	462	49,008	45,652	39,201	8.8	14.9	Albamae.....	639	17,328	18,711	17,907	-7.4	4.5
Fayette.....	716	14,415	13,495	12,630	6.8	6.8	Appanoose.....	513	28,703	28,703	18,961	-10.0	36.7
Floyd.....	148	30,253	30,118	29,453	0.6	2.2	Audubon.....	448	12,671	13,626	12,412	-7.0	9.8
Fountain.....	395	20,439	21,446	19,553	-4.7	9.7	Benton.....	712	23,156	25,177	24,178	-8.0	4.1
Franklin.....	394	13,335	16,388	18,266	-6.4	-10.8	Blackhawk.....	555	41,835	32,399	24,219	38.5	33.8
Fulton.....	367	16,879	17,453	16,746	-3.3	4.2	Boone.....	569	27,626	28,200	28,772	-2.0	18.6
Gibson.....	486	30,137	30,099	24,920	0.1	20.8	Bremer.....	434	15,843	16,385	14,630	-2.8	11.4
Grant.....	423	51,426	54,693	31,493	-6.0	73.7	Buchanan.....	567	19,748	21,427	18,997	-7.8	12.8
Greene.....	513	36,873	28,530	24,379	29.2	17.0	Buena Vista.....	571	15,981	16,975	13,548	-5.9	25.3
Hamilton.....	397	27,028	29,914	26,128	-3.7	7.6	Butler.....	577	17,119	17,955	15,403	-4.7	16.1
Hancock.....	307	19,030	19,159	17,829	-0.8	7.6	Calhoun.....	568	17,090	18,599	18,107	-8.0	41.7
Harrison.....	436	20,222	21,702	20,786	-6.8	4.4	Carroll.....	571	20,377	20,497	19,627	-0.5	7.3
Hendricks.....	408	20,840	21,292	21,500	-2.1	1.0	Cedar.....	570	17,765	19,371	18,253	-8.3	6.1
Henry.....	397	29,758	25,088	23,879	18.6	5.1	Cerro Gordo.....	571	25,011	24,972	14,854	21.0	39.1
Howard.....	297	33,177	28,575	26,186	16.1	9.1	Cherokee.....	573	16,741	16,070	15,659	-9.0	8.8
Huntington.....	386	28,982	28,901	27,644	0.3	4.5	Chickasaw.....	497	15,375	15,377	15,019	-0.8	13.4
Jackson.....	518	24,727	26,633	24,139	-7.2	10.3	Clarke.....	428	10,736	12,440	11,332	-13.7	9.8
Jasper.....	562	13,044	14,292	11,185	-8.7	27.8	Clay.....	563	12,766	13,401	9,309	-4.7	44.0
Jay.....	375	24,961	26,818	23,478	-6.9	14.2	Clayton.....	762	25,576	27,550	26,733	-7.8	3.8
Jedison.....	364	20,483	22,913	24,507	-10.6	-6.5	Clinton.....	601	45,394	43,832	41,199	3.6	6.4
Jennings.....	383	14,203	15,757	14,668	-9.9	7.9	Crawford.....	715	29,043	28,854	28,854	-0.7	14.8
Johnson.....	322	20,394	20,223	19,561	0.8	3.4	Dallas.....	689	23,628	23,058	20,479	2.5	12.6
Knox.....	510	39,183	32,746	28,044	19.7	11.6	Davis.....	501	13,315	15,620	15,258	-14.8	2.4
Kosciusko.....	541	27,936	29,109	28,645	-4.0	1.6	DeWitt.....	503	18,347	18,347	15,624	-1.0	15.8
Lagrange.....	347	15,148	15,284	15,615	-0.9	-2.1	Delaware.....	571	17,888	19,183	17,349	-6.8	10.6
Lake.....	492	82,864	37,892	23,886	118.7	58.6	Des Moines.....	409	36,145	35,989	35,324	0.4	1.9
Laporte.....	595	45,797	38,386	34,445	19.3	11.4	Dickinson.....	376	8,137	7,968	4,328	1.8	81.7
Lawrence.....	456	30,625	25,729	19,792	19.0	30.0	Dubuque.....	601	57,450	56,403	49,818	1.9	13.1
Madison.....	459	65,224	70,470	36,487	-7.4	93.1	Emmet.....	393	9,816	9,936	4,274	-1.2	132.5
Marion.....	347	23,651	24,913	14,156	-3.7	33.7	Fayette.....	724	27,919	29,845	23,141	-6.5	29.0
Marshall.....	491	24,176	25,119	23,818	-3.8	5.5	Ferdinand.....	405	17,119	17,754	15,424	-3.6	15.1
Martin.....	339	12,950	14,711	13,973	-12.0	5.3	Franklin.....	578	14,780	14,996	12,871	-1.4	16.5
Miami.....	381	29,350	28,344	25,823	3.5	8.8	Fremont.....	507	15,622	18,546	16,842	-15.8	10.1
Monroe.....	416	23,426	20,873	17,673	12.2	18.1	Greene.....	574	16,023	17,829	17,397	-10.0	12.3
Montgomery.....	501	29,296	29,388	28,025	-0.3	4.9	Grundy.....	501	13,574	13,757	13,215	-1.3	4.1
Morgan.....	406	21,182	20,457	18,643	3.5	9.7	Guthrie.....	505	17,374	18,729	17,350	-7.2	7.8
							Hamilton.....	570	19,242	19,511	15,319	-1.4	27.4

* State total includes population (401) of Indian reservations specially enumerated in 1890, not distributed by counties.

POPULATION OF COUNTIES.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (-) denotes decrease.]

Table 13—Con.	COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		
			1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900	
IOWA—Con.													KANSAS—Con.		
	Hancock.....	570	12,731	13,752	7,621	-7.4	80.4	Coffey.....	644	15,205	16,643	15,856	-8.6	5.0	
	Hardin.....	569	20,921	22,794	19,003	-8.2	19.9	Comanche.....	788	3,281	1,619	2,549	102.7	-36.5	
	Harrison.....	691	23,162	25,597	21,356	-9.5	19.9	Cowley.....	1,133	31,790	30,156	34,478	5.4	-12.5	
	Henry.....	427	18,640	20,022	18,855	-6.9	6.0	Crawford.....	605	51,173	38,809	30,286	31.9	9.7	
	Howard.....	468	12,920	14,512	11,182	-11.0	29.8	Decatur.....	891	8,976	9,234	8,411	-2.8	28.1	
	Humboldt.....	431	12,182	12,667	9,836	-3.8	28.8	Dickinson.....	538	24,361	21,816	22,273	-1.7	-2.1	
	Ia.....	490	11,296	13,227	10,705	-8.4	15.2	Doniphan.....	378	14,422	15,079	13,585	-11.4	111.1	
	Iowa.....	553	18,405	19,544	18,270	-5.8	7.0	Douglas.....	469	24,724	25,096	23,961	-4.7	4.7	
	Jackson.....	632	21,583	23,615	22,771	-10.0	8.7	Edwards.....	611	7,033	3,685	3,600	91.0	2.3	
	Jasper.....	730	27,034	26,976	24,943	0.2	8.2	Ellis.....	652	10,128	11,443	12,216	-11.5	-6.3	
	Jefferson.....	451	15,951	17,437	15,184	-8.5	14.8	Ellis.....	901	12,170	8,636	7,942	41.1	8.6	
	Johnson.....	610	25,914	24,817	23,082	4.4	7.5	Ellsworth.....	724	10,444	9,626	9,272	8.5	3.8	
	Jones.....	509	19,050	21,954	20,233	-13.2	8.5	Finney.....	1,276	6,908	3,469	3,350	99.1	3.6	
	Keokuk.....	578	21,600	24,979	23,862	-15.3	4.7	Ford.....	1,082	11,983	5,497	5,308	107.3	3.6	
	Kossuth.....	973	21,971	22,720	13,120	-7.3	73.2	Franklin.....	585	20,884	21,354	20,279	-2.2	5.3	
	Lee.....	511	36,702	39,710	37,715	-3.6	5.3	Geary.....	390	12,681	10,744	10,423	18.0	3.0	
	Linn.....	709	60,720	55,392	45,369	-9.6	22.3	Gove.....	680	6,044	2,441	2,994	147.6	-18.6	
	Louisa.....	396	12,835	13,516	11,873	-4.9	13.8	Grant.....	887	8,700	5,173	5,029	68.2	2.9	
	Lucas.....	492	13,462	16,121	14,593	-16.5	10.7	Gray.....	857	1,077	422	1,308	157.7	-60.7	
	Lyon.....	582	14,624	13,165	8,680	11.1	61.7	Gray.....	857	3,121	1,264	2,415	146.9	-47.7	
	Madison.....	563	15,621	17,710	15,977	-11.6	10.8	Greely.....	776	1,335	493	1,264	170.8	-61.0	
	Maquoketa.....	548	29,860	34,273	28,805	-12.9	19.0	Greenwood.....	1,158	16,020	16,196	16,309	-0.8	-0.7	
	Marion.....	563	22,926	24,159	23,058	-4.8	4.8	Hamilton.....	984	3,360	1,426	2,027	135.6	-29.6	
	Marshall.....	572	30,279	29,991	25,842	-1.0	16.1	Harper.....	749	14,748	10,310	13,266	43.0	-22.3	
	Mills.....	438	15,811	16,764	14,548	-5.7	15.2	Harvey.....	590	19,200	17,591	17,601	9.1	-0.1	
	Mitchell.....	463	13,435	14,916	13,299	-9.9	12.2	Haskell.....	577	993	457	1,077	117.3	-57.6	
	Monona.....	686	16,633	17,980	14,515	-7.5	23.9	Hodgeman.....	588	2,930	2,032	2,395	44.2	-15.2	
	Monroe.....	432	25,429	17,985	13,666	41.4	31.6	Jackson.....	675	16,801	17,117	14,626	-1.5	110.1	
	Montgomery.....	424	16,544	17,803	15,848	-6.7	12.3	Jefferson.....	843	15,820	17,533	16,630	-9.7	5.5	
	Muscataine.....	432	29,505	28,242	24,504	4.5	15.3	Jewell.....	900	18,148	16,420	19,349	-6.5	0.4	
	O'Brien.....	569	17,262	16,985	13,660	1.6	30.1	Johnson.....	486	18,288	18,104	17,385	1.0	4.1	
	Oscola.....	395	8,856	8,725	6,574	2.6	56.5	Keary.....	855	3,206	1,107	1,571	189.6	-29.5	
	Page.....	531	24,002	24,187	21,341	-3.8	13.3	Kingman.....	662	10,868	10,823	10,823	-0.4	0.0	
	Palo Alto.....	561	13,845	14,354	9,318	-0.5	54.0	Kiowa.....	723	6,174	2,365	2,873	161.1	-17.7	
	Plymouth.....	876	23,129	22,209	19,568	4.1	13.5	Labette.....	613	31,423	27,387	27,586	14.7	-0.7	
	Pocahontas.....	556	14,808	15,339	9,553	-3.5	60.6	Lane.....	745	2,603	1,563	2,060	66.5	-24.1	
	Polk.....	582	110,438	82,624	65,410	33.7	26.3	Leavenworth.....	440	41,307	40,390	38,485	0.7	6.4	
	Pottawattamie.....	942	55,852	54,336	47,430	2.8	14.6	Lincoln.....	721	10,142	9,886	9,709	2.6	1.8	
	Poweshiek.....	580	19,889	19,414	18,294	-6.9	8.5	Linn.....	613	14,735	16,689	17,215	-11.7	-3.1	
	Ringold.....	590	12,904	15,325	13,556	-15.8	13.0	Logan.....	1,082	4,240	1,962	3,384	116.1	-42.0	
	Sac.....	574	16,555	17,639	14,822	-6.1	21.5	Lyon.....	845	24,927	25,074	23,196	-0.6	8.1	
	Scott.....	440	60,000	51,558	43,164	16.4	19.4	McPherson.....	900	21,621	21,421	21,614	0.5	-0.9	
	Shelby.....	589	16,552	17,622	17,611	-7.7	1.8	Marion.....	971	22,415	20,676	20,539	8.4	0.7	
	Sioux.....	760	25,248	23,337	18,370	8.2	27.0	Marshall.....	805	23,830	24,355	23,912	-2.0	1.9	
	Story.....	567	24,063	23,189	18,127	4.0	27.8	Meade.....	965	5,055	1,581	2,542	219.7	-37.8	
	Tama.....	720	22,156	24,585	21,651	-9.9	11.8	Miami.....	602	20,030	21,641	19,614	-7.4	10.3	
	Taylor.....	594	16,312	18,784	16,384	-13.2	14.6	Mitchell.....	713	14,089	14,647	15,037	-3.8	-2.6	
	Union.....	427	16,616	19,928	16,900	-16.6	17.9	Montgomery.....	644	49,474	49,039	49,134	70.4	25.7	
	Van Buren.....	477	15,620	17,354	16,253	-13.4	6.8	Morris.....	696	12,397	11,361	11,311	3.6	5.1	
	Wapello.....	428	37,423	35,426	30,426	6.5	16.4	Morton.....	715	1,333	304	724	338.5	-58.0	
	Warren.....	570	18,194	20,376	18,269	-10.7	11.5	Nemaha.....	716	19,072	20,376	19,249	-6.4	5.9	
	Washington.....	559	19,925	20,718	18,468	-3.8	12.2	Neosho.....	580	23,754	19,254	18,561	23.4	8.3	
	Wayne.....	524	16,184	17,491	15,670	-7.5	11.6	Ness.....	1,079	5,883	4,535	4,944	29.7	-3.7	
	Webster.....	714	34,629	31,787	21,582	9.0	47.1	Newton.....	876	11,614	10,617	10,617	6.7	6.7	
	Winnebago.....	399	11,914	12,725	7,325	-6.4	73.7	Osage.....	718	19,965	23,659	25,062	-15.9	-5.6	
	Winnesheo.....	686	21,729	23,731	22,528	-8.4	5.3	Oswayo.....	812	12,827	11,844	12,083	8.3	-2.0	
	Woodbury.....	804	67,616	54,610	55,632	23.8	-1.8	Ottawa.....	794	11,811	11,182	12,581	5.6	-11.1	
	Wyandott.....	595	9,856	19,718	20,438	-8.6	17.7	Pawnee.....	829	8,859	5,084	5,204	74.7	-2.3	
	Wright.....	477	17,961	18,227	12,657	-1.5	51.2	Phillips.....	887	14,150	14,442	13,661	-2.0	5.7	
	KANSAS	81,774	1,690,949	1,470,495	1,428,108	15.0	3.0	Pottawatomie.....	829	17,522	18,470	17,722	-5.1	4.2	
	Allen.....	508	27,640	19,507	13,509	41.7	44.4	Pratt.....	726	11,156	7,085	8,118	57.5	-12.7	
	Anderson.....	577	13,829	13,938	14,203	-0.8	-1.9	Rawlins.....	1,004	6,380	5,241	7,756	21.7	-22.4	
	Atchison.....	412	28,107	28,603	26,438	-1.7	6.9	Reno.....	1,242	37,853	29,027	27,079	30.4	7.2	
	Barber.....	1,134	9,916	6,594	7,973	50.4	-17.3	Republic.....	704	17,447	18,248	19,002	-4.4	-4.0	
	Barton.....	892	17,876	13,784	13,172	29.7	4.6	Rice.....	607	15,106	14,745	14,451	2.4	2.0	
	Bonbon.....	656	24,007	24,712	28,575	-2.9	-13.5	Riley.....	704	15,783	13,828	13,153	14.1	4.9	
	Brown.....	571	21,314	22,369	20,319	-4.7	15.3	Roos.....	819	11,282	7,960	8,018	41.7	-0.7	
	Butler.....	1,434	23,059	23,363	24,055	-1.3	-2.9	Rush.....	790	7,826	6,134	5,204	27.6	17.9	
	Chase.....	751	7,527	8,246	8,233	-8.7	0.2	Russell.....	805	10,800	8,487	7,353	27.2	15.8	
	Chautauqua.....	632	11,429	11,894	12,297	-3.2	-4.0	Saline.....	720	20,338	17,076	17,442	-18.1	-2.1	
	Cherokee.....	605	38,162	42,684	27,770	-10.6	53.7	Scott.....	714	3,047	1,068	1,262	177.5	-13.0	
	Chevee.....	1,008	4,248	2,640	4,301	60.9	-50.0	Sedgewick.....	994	73,095	44,037	43,626	66.0	0.9	
	Clark.....	973	4,093	1,701	2,337	140.6	-27.8	Seward.....	643	4,681	832	1,533	397.7	-2.9	
	Clay.....	638	15,251	15,833	16,146	-3.7	-1.9	Shawnee.....	544	61,874	53,727	49,172	15.2	9.3	
	Cloud.....	702	18,388	18,071	19,295	1.8	-6.3	Sheridan.....	896	5,551	3,819	3,733	48.0	2.3	

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con. COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
KANSAS—Con.													
Sherman	1,049	4,549	3,341	5,261	36.2	-36.5	Knox	356	22,116	17,372	13,762	27.3	26.2
Smith	888	15,365	16,384	15,613	-6.2	4.4	Larnie	288	10,701	10,764	9,433	-0.6	14.1
Staford	736	12,510	9,829	8,530	27.3	15.4	Lawrence	447	19,872	17,592	13,747	13.0	28.0
Stanton	889	1,034	327	1,031	216.2	-68.3	Lea	422	20,067	19,612	17,702	2.3	10.8
Stevens	729	2,433	620	1,418	295.6	6.3	Lee	199	9,531	7,988	6,205	19.3	28.7
Sumner	1,179	30,654	25,631	30,271	19.6	-15.3	Leslie	373	8,976	6,753	3,964	32.9	70.4
Thomas	1,065	9,455	4,112	5,538	32.7	25.7	Letcher	355	10,623	9,172	6,920	15.8	32.5
Trego	899	5,398	2,722	2,535	98.3	7.4	Lewis	491	16,887	17,868	14,803	-5.5	20.7
Wabunsee	795	12,721	12,813	11,720	-0.7	9.3	Lincoln	338	17,897	17,059	15,962	4.9	6.9
Wallace	921	2,759	1,178	2,468	134.2	-52.3	Livingston	392	10,627	11,354	9,474	-6.4	19.8
Washington	902	20,229	21,963	22,894	-7.9	-4.1	Logan	643	24,977	25,994	23,812	-3.9	9.2
Wichita	723	2,006	1,197	1,827	67.6	-34.5	Lyons	277	9,423	9,319	7,628	1.1	22.2
Wilson	531	19,810	15,621	15,285	26.8	2.2	McCracken	239	35,064	28,733	21,051	1.0	36.5
Wyandotte	143	9,450	10,622	9,921	-7.7	11.1	McLean	253	13,241	12,448	9,887	6.8	25.9
		100,608	73,227	54,407	36.7	34.6	Madison	446	26,951	25,607	24,348	5.2	5.2
KENTUCKY													
Adair	400	16,503	14,888	13,721	10.8	8.5	Magoffin	302	13,654	12,096	9,196	13.7	30.6
Allen	394	14,882	14,657	13,692	1.5	7.0	Marion	345	16,330	16,290	15,648	0.2	4.1
Anderson	291	16,146	10,651	10,610	0.9	-5.3	Marshall	327	15,771	13,692	11,287	15.2	21.3
Ballard	252	12,690	10,761	8,990	17.9	28.3	Martin	227	7,291	5,780	4,209	26.1	37.3
Barren	485	25,293	23,197	21,490	9.0	7.9	Matson	227	18,611	20,446	20,773	-9.0	-1.6
Bath	270	13,988	14,734	12,813	-5.1	15.0	Meade	301	9,783	10,533	9,484	-7.1	11.1
Bell	384	28,447	15,701	10,312	81.2	52.3	Menifee	203	6,153	6,818	4,666	-9.8	46.1
Boone	251	9,439	11,170	12,246	-15.7	-8.8	Mercer	253	14,063	14,426	15,024	-2.5	-4.0
Bourbon	304	17,462	18,069	16,576	-3.4	6.4	Metcalfe	303	10,453	9,983	8,871	4.7	12.2
Boyd	159	23,441	18,834	14,663	24.5	34.2	Monroe	411	13,663	13,053	10,989	4.7	18.8
Boyle	186	14,668	13,817	12,948	6.2	6.7	Montgomery	198	12,868	12,834	12,367	0.3	3.8
Bracken	204	10,308	12,137	12,569	-15.1	-1.9	Morgan	265	16,259	12,792	11,240	27.1	13.7
Breathitt	483	17,549	14,222	8,705	22.5	64.5	Muhlenberg	472	28,598	20,747	17,955	37.9	15.5
Breckinridge	568	21,034	20,534	18,976	2.4	8.2	Nelson	411	16,830	16,581	16,417	1.5	1.0
Bullitt	308	9,487	9,602	8,291	-1.2	15.8	Nicholas	208	10,601	11,952	10,764	-11.3	11.0
Butler	417	15,805	15,896	13,956	-0.6	13.5	Ohio	584	27,642	27,287	22,946	1.3	18.7
Caldwell	322	14,063	14,510	13,186	-3.1	10.0	Oldham	180	7,248	7,078	6,754	2.4	4.8
Calloway	119	19,867	17,633	14,675	12.7	20.2	Owsley	367	14,248	17,553	17,676	-18.8	-0.7
Campbell	145	59,303	54,223	44,208	9.5	22.9	Pendleton	216	7,979	6,874	5,975	16.1	15.0
Carlisle	198	9,648	10,185	7,612	-11.3	33.9	Perry	335	11,255	8,276	6,331	36.0	30.7
Carroll	132	8,110	9,825	9,266	-17.5	6.0	Pike	779	31,679	22,686	17,378	39.9	30.5
Carter	415	21,966	20,294	17,704	8.6	17.0	Powell	181	6,268	6,443	4,698	-2.7	6.7
Cass	379	15,479	15,144	11,848	2.2	27.8	Pulaski	179	35,986	31,293	25,731	15.0	21.6
Christian	725	38,845	37,962	34,118	2.3	11.3	Robertson	109	4,121	4,900	4,684	-15.9	4.6
Clark	265	17,987	16,694	15,434	7.7	8.2	Rockcastle	310	14,473	12,416	9,841	16.6	26.2
Clay	478	17,789	15,364	12,447	15.8	23.4	Rowan	272	9,458	8,277	6,129	14.0	35.0
Clinton	233	8,153	7,871	7,047	3.6	11.7	Russell	329	10,861	9,695	8,176	13.0	19.2
Crittenden	391	13,296	15,191	13,119	-12.5	15.8	Scott	299	16,956	18,076	16,546	-6.2	9.2
Cumberland	387	9,846	8,962	8,452	9.9	6.0	Shelby	427	18,441	18,340	16,521	-1.6	11.0
Davess	475	41,020	38,667	33,120	6.1	16.7	Simpson	216	11,460	11,624	10,878	-1.4	6.9
Edmonson	308	10,469	10,080	8,065	3.9	25.9	Spencer	186	7,557	6,696	6,760	-2.2	9.6
Elliott	263	9,814	10,387	9,214	-5.5	12.7	Taylor	279	17,961	17,075	9,353	8.0	18.4
Estill	254	12,273	11,669	10,836	5.2	7.7	Todd	367	16,488	17,371	16,814	-5.1	3.3
Fayette	269	47,715	42,071	35,698	13.4	17.9	Trigg	428	14,539	14,073	13,902	3.3	1.2
Fleming	325	16,066	17,074	16,078	-5.9	6.2	Trimble	154	6,512	7,272	7,140	-10.5	1.8
Floyd	399	18,623	15,552	11,256	19.7	38.2	Union	325	19,856	21,326	18,229	-6.8	17.0
Franklin	199	21,135	20,852	21,267	1.4	-2.0	Warren	305	30,579	29,970	30,158	-0.7	15.6
Fulton	193	14,114	11,546	10,065	22.2	15.3	Washington	290	13,940	14,152	13,622	-1.7	4.1
Gallatin	189	4,697	5,163	4,411	9.0	12.9	Wayne	590	17,518	14,892	12,852	17.6	15.9
Garrard	237	11,894	12,042	11,138	-1.2	8.1	Webster	344	20,974	20,097	17,196	4.4	16.9
Grant	264	10,581	13,239	12,671	-20.1	4.5	Whitley	585	31,982	25,015	17,590	27.9	42.2
Graves	351	32,509	28,529	14,664	1.0	18.4	Wolfe	220	9,864	8,764	7,180	12.6	29.1
Grayson	497	19,658	19,878	18,688	0.4	6.4	Woodford	195	12,571	13,134	12,380	-4.3	6.1
Green	279	17,871	12,255	11,463	-3.1	6.9							
Greene	346	18,475	15,432	11,911	19.7	29.6							
LOUISIANA													
Hancock	193	8,512	9,914	9,214	-4.5	-3.3	Acadia	647	31,847	23,483	13,231	35.6	77.5
Hardin	606	22,696	22,937	21,304	-1.1	7.7	Ascension	291	23,887	24,142	19,545	-1.1	23.5
Harrison	478	10,566	9,838	6,197	7.4	58.8	Assumption	484	24,128	21,620	19,629	11.6	10.1
Harrison	315	16,879	18,770	16,187	-1.1	9.8	Azouff	847	24,102	24,102	22,112	0.0	14.8
Hart	430	18,173	18,390	16,439	-1.2	11.9	Bienville	848	21,776	17,588	14,108	23.8	24.7
Henderson	435	29,352	32,997	29,536	-10.8	11.4	Bossier	863	21,738	24,153	20,330	-10.0	18.8
Hillery	283	13,716	14,620	14,164	-6.2	1.0	Caddo	880	58,290	44,459	31,555	36.8	41.0
Hickman	225	11,750	11,745	11,637	(?)	0.9	Calcasieu	3,650	62,767	30,428	20,176	106.3	50.8
Hopkins	546	34,291	30,995	23,505	10.6	31.9	Caldwell	531	8,593	6,917	5,814	24.2	19.0
Jackson	333	10,734	10,561	8,261	1.6	27.8	Cameron	1,501	4,288	3,952	2,928	8.5	39.7
Jefferson	387	262,920	232,549	188,598	13.1	23.3	Catahoula ¹	718	10,415	9,361	12,002	-36.3	36.2
Jessamine	172	12,613	11,925	11,248	5.8	6.0	Claiborne	778	25,050	23,029	23,312	8.8	-1.2
Jones	268	17,482	13,730	11,027	27.3	24.5	Concordia	714	14,278	13,589	14,871	5.3	-8.8
Madison	311	16,355	15,770	14,161	10.6	17.0	De Soto	872	27,880	25,985	19,860	10.5	28.2
Knott	348	10,791	8,704	5,438	24.0	60.1	East Baton Rouge	455	34,580	31,133	25,922	11.0	20.2

¹ For changes in boundaries, etc., of counties, see page 53.² Less than one-tenth of 1 per cent.³ Subdivisions are designated as parishes.⁴ State total includes population (1) specially enumerated in 1890, not credited to any parish.

POPULATION OF COUNTIES.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
LOUISIANA—													
Con.													
East Carroll.....	420	11,637	11,373	12,362	2.3	-8.0	Frederick.....	663	52,673	51,920	49,512	1.5	4.9
East Feliciana.....	364	20,555	20,443	17,903	-1.9	14.2	Garrett.....	685	20,105	17,701	14,213	13.6	24.5
Franklin.....	630	11,989	8,890	6,900	34.9	28.8	Harford.....	442	27,965	28,229	28,993	-1.1	-2.5
Grant.....	683	15,958	12,902	8,270	23.7	53.0	Howard.....	250	16,106	16,715	16,399	-3.6	2.7
Iberia.....	589	31,362	29,015	20,997	7.7	38.2	Kent.....	282	16,957	18,786	17,471	-9.7	7.5
Iberville.....	584	30,254	27,006	21,848	14.6	23.6	Montgomery.....	521	32,089	30,451	27,185	5.4	12.0
Jackson.....	378	13,818	9,119	7,453	51.5	22.4	Prince Georges.....	452	36,147	29,838	26,080	20.9	14.6
Jefferson.....	425	18,247	15,321	13,221	19.1	15.9	Queen Annes.....	365	16,839	18,364	18,461	-8.3	-0.5
La Salle.....	640	9,402					St. Marys.....	371	17,030	17,182	15,819	-0.9	8.6
Lafayette.....	279	28,733	22,825	15,966	25.9	43.0	Somerset.....	331	26,455	25,923	24,155	2.1	7.3
Lafourche.....	492	33,111	28,882	22,995	14.6	30.7	Talbot.....	268	19,620	20,342	19,736	-3.5	3.1
Lincoln.....	171	18,485	15,898	14,753	16.3	7.8	Washington.....	459	49,617	45,133	39,782	7.9	13.5
Livingston.....	602	10,627	8,100	5,769	31.2	40.4	Wilcombe.....	371	26,815	22,852	19,330	17.3	14.7
Madison.....	630	10,676	12,322	14,153	-1.2	-0.3	Worcester.....	496	21,841	20,865	19,747	4.7	5.7
Morehouse.....	831	18,786	16,634	16,786	12.9	-0.9							
Natchitoches.....	1,289	36,455	33,216	25,836	9.8	28.6	MASSACHUSETTS						
Orleans.....	200	339,075	287,104	242,039	18.1	18.1	Barnstable.....	409	27,642	27,826	29,172	-1.0	-4.6
Ouachita.....	642	25,830	20,947	17,985	23.3	16.5	Berkshire.....	966	105,259	95,667	81,108	10.0	18.0
Plaquemines.....	1,005	12,524	13,039	12,541	-3.9	4.0	Bristol.....	567	318,573	252,029	186,465	26.4	35.2
Pointe Coupee.....	576	25,289	29,777	19,613	-1.9	31.4	Dukes.....	107	4,504	4,361	4,369	-1.2	1.4
Rapides.....	1,370	44,545	39,573	27,642	12.5	43.2	Essex.....	497	436,477	357,030	299,995	22.3	19.0
Red River.....	400	11,402	11,548	11,318	-1.3	2.0	Franklin.....	637	43,600	41,209	38,610	5.8	6.7
Richland.....	565	15,769	11,116	10,230	41.9	5.7	Hampden.....	696	231,869	175,603	133,713	31.8	23.4
Shrine.....	1,020	19,877	15,421	9,294	28.9	64.2	Hampshire ¹	545	63,327	58,820	51,859	7.7	13.4
St. Bernard.....	616	5,277	5,031	4,326	4.9	16.3	Middlesex ¹	832	669,915	565,696	431,167	18.4	31.2
St. Charles.....	295	11,307	9,072	7,737	23.5	17.3	Nantucket.....	51	2,962	3,006	3,268	-1.5	-8.0
St. Helena.....	420	9,172	8,479	8,062	8.2	12.3	Norfolk ¹	410	187,506	151,539	118,950	23.7	27.4
St. James.....	254	23,009	20,197	15,715	13.9	28.5	Plymouth.....	675	144,337	113,985	92,700	26.6	23.0
St. John the Baptist.....	231	14,338	12,330	11,359	16.3	8.5	Suffolk ¹	515	731,388	611,417	484,780	19.6	26.1
St. Landry.....	1,645	66,661	52,906	40,250	26.0	31.4	Worcester.....	1,556	399,657	346,953	280,787	15.2	23.6
St. Martin.....	525	23,070	18,940	14,884	21.8	27.3							
St. Mary.....	632	39,368	34,145	22,416	15.3	52.3	MICHIGAN						
St. Tammany.....	906	18,617	13,355	10,160	41.9	31.3	Alcona.....	684	5,703	5,691	5,409	0.2	5.2
Tangipahoa.....	790	29,160	17,625	12,653	65.3	39.3	Alger.....	920	7,675	5,868	1,298	30.8	37.4
Tensas.....	632	19,060	19,070	16,647	-10.5	14.6	Alegan.....	833	39,519	38,812	35,961	2.6	-1.0
Terrebonne.....	1,756	28,320	24,464	20,167	15.8	21.3	Alpena.....	584	19,965	18,965	15,581	9.4	17.2
Union.....	918	29,451	18,500	17,304	41.4	7.0	Antrim.....	475	16,992	16,568	10,413	-5.3	59.1
Vermilion.....	1,213	26,390	20,705	14,234	27.5	45.5	Aremae.....	374	9,640	9,821	5,683	-1.8	72.8
Vernon.....	1,367	17,384	10,327	5,903	68.3	44.9	Baraga.....	917	6,127	4,320	3,036	41.8	42.3
Washington.....	655	18,886	9,628	6,700	96.2	43.7	Barry.....	506	22,633	22,514	23,783	0.5	-3.3
Webster.....	609	19,156	15,125	12,466	26.8	21.3	Bay.....	443	68,233	62,378	56,412	9.4	10.6
West Baton Rouge.....	214	12,636	10,285	8,303	22.9	23.0	Benzie.....	314	10,638	9,685	5,237	9.8	54.9
West Carroll.....	356	6,249	3,685	3,748	69.6	-1.7	Berrien.....	569	53,622	49,165	41,285	9.1	19.1
West Feliciana.....	332	13,449	13,994	15,962	-15.9	6.2	Branch.....	497	25,695	27,811	26,791	-7.9	3.8
Winn.....	969	18,357	9,648	7,982	90.3	36.2	Calhoun.....	093	56,638	49,315	43,591	14.8	13.4
							Cass.....	493	20,624	20,876	20,933	-1.2	-0.4
							Charlevoix ¹	1,911	19,157	13,956	9,686	37.3	44.1
MAINE													
Androscoggin.....	459	59,822	54,242	48,908	10.3	10.8	Cheboygan.....	725	17,872	15,516	11,986	15.2	27.5
Aroostook.....	6,433	74,664	60,744	49,389	22.4	22.5	Chippewa.....	1,572	24,472	22,333	12,019	14.7	72.5
Cumherland.....	853	112,014	100,689	90,949	11.2	10.7	Clare.....	582	9,240	8,360	7,558	10.5	10.6
Franklin.....	1,789	19,119	18,444	17,053	3.7	8.2	Clinton.....	571	23,129	25,136	26,509	-8.0	-5.2
Hancock.....	1,522	35,575	37,341	37,312	-4.5	-0.2	Crawford.....	175	3,934	2,943	2,962	33.7	-0.6
Kennebec.....	879	62,863	59,117	57,012	6.3	3.7	Delta.....	579	30,108	23,881	15,330	26.1	55.8
Knox.....	351	28,981	30,406	31,473	-4.7	-3.4	Dickinson ¹	776	20,524	17,890		14.7	
Lincoln.....	457	18,216	19,669	21,996	-7.4	-10.6	Eaton.....	571	30,499	31,668	32,094	-3.7	-1.3
Oxford.....	1,980	36,256	32,338	30,865	12.5	5.4	Emmet.....	485	18,941	18,756	16,515	16.5	81.9
Penobscot.....	3,258	55,285	76,246	72,865	11.9	4.6	Genesee.....	553	64,555	41,804	39,420	54.4	6.0
Piscataquis.....	3,770	19,887	16,949	16,134	17.3	5.1	Gladwin.....	619	8,413	6,564	4,208	28.2	56.0
Sagadahoc.....	250	18,574	20,330	19,432	-8.6	4.5	Gogebic.....	1,133	23,333	16,738	13,166	39.4	27.1
Somerset.....	3,633	36,301	33,849	32,627	7.2	3.7	Grand Traverse.....	467	23,784	20,479	13,355	16.1	53.1
Waldo.....	724	23,383	24,185	27,759	-3.7	-12.9	Gratiot.....	579	28,820	29,889	28,668	-3.6	-4.3
Washington.....	2,528	42,905	45,282	44,382	-5.1	1.7	Hillsdale.....	597	29,673	29,865	30,660	-0.6	-2.6
York.....	989	68,526	64,885	62,829	5.6	3.3	Houghton.....	1,019	88,098	66,663	35,389	33.4	86.7
							Huron.....	854	34,758	34,162	28,545	1.7	19.7
							Ingham.....	553	53,510	39,818	37,666	33.9	5.7
							Ionia.....	579	33,530	34,329	32,801	-2.3	4.7
							Iosco.....	570	9,753	10,246	15,224	-4.8	-3.7
MARYLAND—													
Con.													
Allegany.....	443	62,411	53,694	41,571	16.2	29.2	Iron.....	1,200	15,164	8,990	4,432	68.7	102.8
Anne Arundel.....	432	39,553	39,620	34,094	-0.2	16.2	Isabella.....	572	23,029	22,784	18,784	1.1	21.3
Baltimore.....	650	122,349	90,755	72,969	34.8	24.5	Jackson.....	707	53,426	48,222	45,031	10.8	7.1
Baltimore city.....	30	558,485	508,987	434,439	9.7	17.2	Kalamazoo.....	502	60,427	44,310	39,273	36.4	12.8
Calvert.....	218	10,325	10,223	9,860	1.0	3.7	Kalkaska.....	873	8,097	7,133	5,160	15.5	38.2
Caroline.....	319	19,216	16,248	13,903	18.3	16.9	Kent.....	800	159,145	129,714	109,922	22.7	18.0
Carroll.....	447	33,934	33,860	32,376	0.2	4.6	Keweenaw ¹	554	7,156	3,217	2,894	122.4	11.2
Cecil.....	378	23,757	24,662	25,351	-3.7	-2.7	Lake.....	579	4,957	4,957	6,595	-0.4	-23.3
Charles.....	464	16,386	17,662	15,191	-7.2	16.3	Lapeer.....	666	26,033	27,641	29,213	-5.8	-5.4
Dorchester.....	576	28,669	27,962	24,843	2.5	12.6	Leelanau ¹	338	10,608	10,556	7,944	0.5	32.9

¹ For changes in boundaries, etc., of counties, see page 53.

² State total includes population (4) specially enumerated in 1890, not credited to any county.

³ State total includes population (1) specially enumerated in 1890, not credited to any county; also, population (995) of Manitou and Isle Royal Counties, annexed to Charlevoix, Leelanau, and Keweenaw Counties in 1896 and 1897.

ABSTRACT OF THE CENSUS—POPULATION.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con. COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.													
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900												
MICHIGAN—Con.													MINNESOTA—Con.												
Lenawee.....	743	47,907	48,406	48,448	-1.0	-0.1	Koochichingi.....	3,141	6,431	10,382	10,382	8.0	37.6												
Livingston.....	568	17,736	19,664	20,858	-9.8	-5.7	Lac qui Parle.....	790	15,435	14,289	1,299	72.1	258.3												
Lapeer.....	920	4,304	2,983	2,455	34.2	21.5	Lake.....	2,059	8,011	4,634	1,299	14.0	26.2												
Macinao.....	1,044	9,249	7,703	7,830	20.1	1.6	Le Sueur.....	466	18,609	20,234	19,057	-8.0	6.2												
Macomb.....	472	32,606	33,244	31,813	-1.9	4.5	Lincoln.....	535	9,874	8,966	5,691	10.1	57.5												
Manistee.....	562	26,688	27,856	24,230	-4.2	15.0	Lyon.....	708	15,722	14,591	9,501	7.8	53.6												
Marquette.....	1,870	46,739	41,239	39,521	13.3	4.3	McLeod.....	496	18,691	19,595	17,026	-4.6	16.1												
Mason.....	494	21,832	18,885	16,385	15.6	15.3	Mahomom.....	1,722	3,249	2,324	1,425	4.1	80.9												
Mcosta.....	371	19,466	20,693	19,697	-5.9	5.1	Marshall.....	578	16,338	15,698	9,130	4.1	71.9												
Menominee.....	1,076	25,648	27,046	33,639	-5.2	-19.6	Martin.....	719	17,318	16,936	9,403	3.4	84.1												
Midland.....	529	14,005	14,439	10,657	-3.0	35.5	Meeker.....	621	17,022	17,753	15,466	-4.4	1.0												
Missaukee.....	582	10,600	9,308	5,948	13.9	84.4	Mill Lac.....	583	10,705	8,066	2,845	32.7	183.5												
Monroe.....	573	32,917	32,754	32,357	0.5	1.3	Morrison.....	1,143	24,053	22,891	13,255	5.1	71.8												
Montcalm.....	724	32,069	32,754	32,637	-2.1	0.4	Mower.....	711	22,640	22,640	18,019	1.4	24.0												
Montmorency.....	561	3,755	3,234	1,487	16.1	117.5	Murray.....	704	11,755	11,911	6,692	-1.3	78.0												
Muskegon.....	504	40,577	37,036	40,013	9.6	-7.4	Nicollet.....	443	14,125	14,774	13,382	-4.4	10.4												
Newaygo.....	851	19,220	17,673	20,476	8.8	-13.7	Nobles.....	722	15,210	14,932	7,958	1.9	87.6												
Oakland.....	886	49,576	44,702	41,245	10.7	8.6	Norman.....	860	15,446	15,945	10,618	-10.8	41.7												
Ocean.....	543	18,379	16,644	15,698	10.4	6.0	Olmsted.....	666	22,497	23,119	19,806	-2.7	16.7												
Ogemaw.....	580	8,907	7,765	5,583	14.7	39.1	Otter Tail.....	2,039	46,036	45,375	34,322	1.5	32.6												
Ontonagon.....	1,333	8,650	6,197	3,756	39.6	65.0	Pennington.....	607	9,376	9,376	6,817	37.5	184.9												
Oscoda.....	577	17,889	17,859	14,630	0.2	22.1	Pine.....	1,413	15,578	11,546	4,052	37.5	184.9												
Osego.....	576	2,627	1,468	1,904	58.1	-4.4	Pipestone.....	469	9,553	9,264	5,132	3.1	80.5												
Otsego.....	528	6,552	6,175	4,272	6.1	44.5	Polk.....	1,979	36,091	35,429	30,192	1.6	17.3												
Ottawa.....	565	45,301	39,667	35,358	14.2	12.2	Pope.....	693	12,746	12,577	10,032	1.3	25.4												
Presque Isle.....	678	11,249	8,821	4,687	27.5	88.2	Ramsey.....	161	223,675	170,554	139,796	31.1	22.0												
Rosemount.....	538	2,274	1,798	2,063	27.3	-12.1	Red Lake.....	432	6,564	12,195	12,195	-46.2	—												
Saginaw.....	828	50,290	81,222	82,273	9.9	-1.3	Redwood.....	881	18,425	17,261	9,386	6.7	83.9												
St. Clair.....	710	52,341	55,228	52,165	-5.2	6.0	Renville.....	978	23,123	23,693	17,099	-2.4	38.6												
St. Joseph.....	303	25,499	23,889	25,356	6.7	-7.8	Rice.....	495	25,911	29,680	23,968	-0.6	8.8												
Sanilac.....	976	33,930	35,055	32,589	-3.2	7.6	Rock.....	492	10,222	9,068	6,817	5.7	41.8												
Schoolcraft.....	1,207	8,681	7,889	5,818	10.0	35.6	Roseau.....	1,670	11,338	15,945	14,862	62.8	—												
Shiawassee.....	857	33,246	33,866	30,852	-1.8	9.4	St. Louis.....	6,503	163,274	82,932	44,827	96.9	482.9												
Tuscola.....	1,237	34,913	35,890	32,508	-2.7	10.8	Scott.....	366	14,888	15,147	13,831	-1.7	9.5												
Van Buren.....	617	33,185	33,274	30,541	-0.3	8.9	Sherburne.....	448	8,136	7,281	5,908	11.7	23.2												
Washtenaw.....	704	44,714	47,701	42,210	-6.4	13.2	Sibley.....	585	15,540	16,862	15,199	-7.8	10.9												
Wayne.....	620	531,591	348,793	257,114	52.4	35.7	Stearns.....	1,362	47,733	44,644	34,844	7.4	27.6												
Wexford.....	570	20,769	16,845	11,278	23.3	49.4	Steele.....	431	16,146	16,534	13,232	-2.3	24.9												
MINNESOTA.....													80,858	2,075,708	1,751,394	1,810,283	18.5	38.7	Stevens.....	564	8,293	8,721	5,251	-4.9	66.1
Aitkin.....	1,830	10,371	6,743	2,462	53.8	173.9	Swift.....	741	12,949	13,503	10,161	-4.1	32.9												
Anoka.....	1,456	12,493	11,313	9,884	10.4	14.5	Todd.....	957	23,407	22,214	12,900	5.4	71.8												
Becker.....	1,349	18,840	14,375	9,401	51.1	52.9	Traverse.....	568	8,049	7,573	4,516	6.3	67.7												
Betrarni.....	3,822	19,337	11,030	312	75.3	4,950.3	Wabasha.....	541	18,554	18,924	16,972	-11.0	11.5												
Benton.....	405	11,615	9,912	6,284	17.2	57.7	Wadena.....	538	8,652	7,921	4,053	9.2	95.4												
Big Stone.....	491	9,367	8,731	5,722	7.3	52.6	Waseca.....	431	13,466	14,769	13,313	-8.8	10.9												
Blue Earth.....	762	29,337	32,263	29,210	-9.1	10.5	Washington.....	397	26,013	27,808	25,932	-6.5	7.0												
Brown.....	612	20,134	19,787	15,817	1.8	25.1	Watonwan.....	434	11,382	11,496	7,746	-1.0	48.4												
Carlton.....	867	17,859	10,017	5,272	75.3	83.0	Wilkin.....	745	9,063	8,080	4,346	12.2	85.9												
Carver.....	376	17,455	17,544	16,532	-0.5	6.1	Winona.....	637	33,398	35,686	33,797	-6.4	5.6												
Cass.....	2,104	11,620	7,777	1,247	49.4	432.7	Wright.....	691	28,082	29,156	24,164	-3.7	20.7												
Chippewa.....	591	13,458	12,499	8,555	7.7	46.1	Yellow Medicine.....	749	15,406	14,602	9,854	5.5	48.2												
Chicago.....	427	13,637	13,248	10,359	2.2	27.9	MISSISSIPPI.....																		
Clay.....	1,043	19,640	17,942	11,517	9.5	55.8	46,362	1,797,114	1,551,270	1,289,600	15.8	20.3													
Clearwater.....	1,019	6,870	—	—	—	—	Adams.....	426	25,265	30,111	26,031	-16.1	15.7												
Cook.....	1,498	1,336	810	98	64.9	—	Alcorn.....	386	18,159	14,987	13,115	21.2	14.3												
Cottonwood.....	610	12,651	12,069	7,412	4.8	62.8	Amitie.....	714	22,564	20,705	18,198	10.8	13.8												
Crow Wing.....	1,057	16,861	14,250	8,852	18.3	61.0	Attala.....	715	28,851	26,248	22,312	8.9	18.8												
Dakota.....	326	26,171	21,733	20,240	15.8	7.4	Benton.....	396	10,245	10,510	10,585	-2.5	-0.7												
Dodge.....	440	12,094	13,340	10,864	-9.3	22.8	Bolivar.....	879	48,905	35,427	29,980	38.0	18.2												
Douglas.....	648	17,669	17,964	14,606	-1.6	23.0	Calhoun.....	579	17,728	16,812	14,688	7.4	12.2												
Faribault.....	719	19,949	22,055	16,708	-9.5	32.0	Carroll.....	624	23,139	22,116	17,773	4.6	17.8												
Fillmore.....	868	25,680	28,238	25,966	-9.1	8.7	Cass.....	501	22,846	19,862	18,931	14.9	(*)												
Freeborn.....	735	22,282	21,838	17,962	2.0	21.6	Choctaw.....	414	14,357	13,036	10,847	10.1	20.2												
Goodhue.....	767	31,337	31,137	28,806	1.6	8.1	Claihorne.....	489	17,403	20,787	14,516	-16.3	43.2												
Grant.....	553	9,114	8,935	6,875	2.0	30.0	Clarke.....	675	21,630	17,741	15,826	21.9	12.1												
Hennepin.....	595	333,480	228,340	185,294	46.0	23.2	Clay.....	408	20,203	19,553	18,607	3.3	5.1												
Houston.....	570	14,237	15,440	14,653	-7.2	6.1	Cochran.....	580	34,217	26,293	18,342	30.1	43.3												
Hubbard.....	958	9,831	6,578	1,412	49.5	365.9	Columbia.....	769	35,914	34,356	30,233	4.4	13.8												
Isanti.....	442	12,615	11,075	7,607	8.1	53.5	Copiah.....	410	16,909	13,076	8,299	29.3	57.6												
Itasca.....	2,730	17,208	4,573	743	27.3	425.0	Covington.....	475	23,130	24,751	24,183	-6.5	2.3												
Jackson.....	702	14,491	14,793	8,924	40.0	192.2	De Soto.....	462	20,722	15,193	10,424	11.1	31.2												
Kanabec.....	534	6,461	4,614	1,579	40.0	192.2	Forrest.....	801	15,193	13,678	10,424	11.1	31.2												
Kandiyohi.....	547	18,969	18,416	13,997	3.0	31.6	Franklin.....	475	6,599	—	—	—	—												
Kittson.....	1,111	9,669	7,889	5,387	22.6	46.4	George.....	475	6,599	—	—	—	—												

* For changes in boundaries, etc., of counties, see page 53.

† State total includes population of 6,348 in 1900 of White Earth Indian Reservation not returned by counties in 1900; returned in 1910 in Becker, Clearwater, and Mahomom Counties.

* State total includes population (8,457) of Indian reservations specially enumerated in 1900, not distributed by counties.

† See heading to table, page 32.

* Less than one-tenth of 1 per cent.

POPULATION OF COUNTIES.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (-) denotes decrease.]

Table 13—Con.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.													
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900												
MISSISSIPPI—													MISSOURI—												
Con.													Con.												
Greene ¹	710	6,950	6,795	3,906	-11.0	74.0	Cape Girardeau.....	580	27,621	24,315	22,060	13.6	10.2												
Grenada.....	442	15,727	14,112	14,974	-11.4	-5.8	Carroll.....	703	23,098	26,455	25,742	-12.7	2.8												
Hancock ¹	469	11,207	11,856	8,318	-5.7	42.9	Carter.....	506	5,504	6,705	4,659	-17.9	43.9												
Harrison.....	1,013	34,658	21,002	12,483	61.0	68.3	Cedar.....	721	22,973	23,636	23,301	-2.8	1.4												
Hinds.....	858	63,726	52,577	39,373	25.2	33.9	Chariton.....	423	16,080	15,923	15,620	-2.0	8.3												
Holmes.....	834	39,088	36,828	30,970	6.1	18.9	Christian.....	768	23,503	26,826	26,254	-12.4	2.8												
Issaquena.....	406	10,500	10,400	12,318	1.5	-15.6	Clark.....	553	15,832	16,339	14,017	-6.5	20.8												
Ittawamba.....	494	14,826	13,544	11,008	7.3	15.7	Clay.....	402	12,811	15,383	15,126	-16.7	1.7												
Jackson ¹	710	15,451	16,513	11,251	-6.4	46.8	Clinton.....	423	20,302	18,903	19,856	7.4	-4.8												
Jasper.....	667	18,498	15,394	14,785	20.2	4.1	Cole.....	359	21,957	20,578	17,281	6.7	19.1												
Jefferson.....	507	18,221	21,292	18,947	-14.4	12.4	Cooper.....	558	20,311	22,532	22,707	-9.9	-0.8												
Jefferson Davis ¹	404	12,860	.....	.....	.....	.....	Crawford.....	747	13,576	12,939	11,961	4.8	8.3								
Jones.....	696	29,885	17,846	8,333	67.5	114.2	Dade.....	501	15,013	18,125	17,526	-1.9	9.4												
Keiper.....	752	20,348	20,492	17,901	-6.7	14.1	Davies.....	543	13,181	13,903	12,647	-5.2	9.9												
Lafayette.....	664	21,853	22,110	20,553	-1.0	7.6	Dekalb.....	564	17,605	21,325	20,456	-17.4	4.2												
Lamar ¹	495	11,741	.....	.....	.....	.....	Denton.....	425	12,531	14,418	14,539	-13.1	-0.3								
Lauderdale.....	700	46,919	38,150	29,601	23.0	28.6	Douglas.....	804	16,245	12,986	14,011	0.0	6.9												
Lawrence ¹	418	13,050	15,103	12,318	-13.4	22.6	Dunklin.....	530	16,664	16,802	14,111	-0.8	17.1												
Leake.....	576	18,298	17,360	14,803	5.4	17.3	Franklin.....	799	29,330	30,551	28,085	-2.5	9.0												
Lee.....	448	28,894	21,956	20,040	31.6	9.6	Gasconade.....	514	12,847	12,298	11,706	4.5	5.1												
Leflore.....	572	36,290	23,834	16,869	52.3	41.3	Gentry.....	400	16,820	20,554	19,018	-18.2	8.1												
Lincoln.....	578	28,597	21,552	17,912	32.7	20.3	Greene.....	667	63,831	52,713	48,616	21.1	8.4												
Lowndes.....	498	30,703	29,095	27,047	5.5	7.6	Grundy.....	467	16,744	17,832	17,876	-0.1	-0.2												
Madison.....	725	33,505	32,493	27,321	3.1	18.9	Harrison.....	721	20,466	24,398	21,033	-16.1	16.0												
Madison ¹	624	15,599	13,501	9,532	15.5	41.6	Hickory.....	746	8,741	9,985	9,453	-12.5	5.6												
Marshall.....	689	26,796	27,674	26,043	-3.2	6.3	Holt.....	446	14,539	17,083	15,469	-14.9	10.4												
Monroe.....	710	33,178	30,730	14,920	7.1	14.4	Howard.....	468	15,653	18,337	17,371	-14.6	5.6												
Montgomery.....	828	17,706	16,536	14,459	7.1	14.4	Howell.....	915	21,065	21,834	18,618	-3.5	17.3												
Neshoba.....	561	17,980	12,726	11,146	41.3	14.2	Iron.....	553	8,563	8,716	9,119	-1.8	-4.4												
Newton.....	568	23,085	19,708	16,625	17.1	18.5	Jackson.....	610	283,522	193,133	160,510	45.3	21.6												
Noxubee.....	682	28,503	30,846	27,338	-7.6	12.8	Jefferson.....	635	27,878	25,712	22,484	8.4	14.4												
Oktibbeha.....	457	19,676	20,183	17,694	-2.5	14.1	Johnson.....	831	26,297	27,843	28,132	-5.6	-1.0												
Panola.....	696	31,274	29,027	26,977	7.7	7.6	Lafayette.....	514	12,403	13,479	13,501	-8.0	-0.2												
Pearl River ¹	797	10,593	6,697	2,857	58.2	136.5	Lafayette.....	612	17,363	16,523	17,101	5.1	12.4												
Perry.....	644	7,685	14,682	6,494	-7.7	126.1	Lafayette.....	612	30,154	31,679	30,784	-4.8	5.0												
Pike.....	707	37,272	27,845	21,203	35.3	29.9	Lawrence.....	609	26,583	31,622	26,228	-16.0	20.7												
Pontotoc.....	494	18,688	18,274	14,940	-4.7	7.1	Lewis.....	504	15,514	16,724	15,935	-7.2	5.0												
Prentiss.....	409	16,931	15,788	13,679	7.2	15.4	Lincoln.....	627	17,033	18,352	18,346	-7.2	(*)												
Quitman.....	395	11,593	5,435	3,286	113.3	65.4	Linn.....	606	25,233	25,903	24,121	-1.0	5.7												
Rankin.....	791	23,944	20,955	17,922	14.3	16.9	Livingston.....	531	29,453	22,302	20,678	-7.0	7.9												
Scott.....	594	16,723	14,316	11,740	16.8	21.9	McDonald.....	537	13,339	13,574	11,283	-0.3	20.3												
Sharkey.....	444	15,694	12,178	8,382	28.9	4.9	Macon.....	809	30,868	33,018	30,575	-6.5	8.0												
Simpson.....	575	17,201	12,800	10,138	34.4	26.3	Madison.....	499	11,273	9,975	9,268	13.0	7.0												
Smith.....	626	16,603	13,055	10,633	27.2	27.7	Marion.....	520	10,088	9,616	8,600	4.9	11.8												
Sunflower.....	690	28,757	16,084	9,384	79.0	71.4	Marion.....	436	30,572	26,331	26,233	16.1	0.4												
Tallahatchie.....	629	29,078	19,600	14,361	48.4	36.5	Mercer.....	433	12,335	14,706	14,581	-16.1	0.9												
Tate.....	400	19,714	20,018	14,260	-4.4	7.1	Miller.....	593	16,717	15,187	14,162	10.1	7.2												
Tippah.....	446	14,631	12,983	12,951	12.7	0.2	Mississippi.....	413	14,557	11,837	10,134	23.0	16.8												
Tishomingo.....	428	13,067	10,124	9,302	29.1	8.8	Montana.....	414	14,375	15,931	15,630	-9.8	1.9												
Tunica.....	418	18,646	16,479	12,158	13.2	35.5	Monroe.....	666	18,304	19,716	18,018	-7.0	-3.2												
Union.....	412	18,997	16,522	15,606	15.0	5.9	Montgomery.....	514	15,604	16,571	16,850	-5.8	-1.7												
Warren.....	572	37,488	40,912	33,164	-8.4	23.4	Morgan.....	614	12,863	12,175	12,311	5.7	-1.1												
Washington.....	877	48,933	49,216	40,414	-0.6	21.8	New Madrid.....	652	19,488	11,280	9,317	72.8	21.1												
Wayne.....	812	14,709	12,539	9,817	17.3	27.7	Newton.....	622	27,136	27,018	27,018	0.0	0.0												
Webster.....	416	14,853	13,619	12,060	9.1	12.9	Nodaway.....	678	28,833	32,938	30,914	-12.5	6.6												
Wilkinson.....	667	18,075	21,453	17,592	-15.7	21.9	Oregon.....	778	14,681	13,906	10,467	5.6	32.9												
Winston.....	597	17,139	14,124	12,086	21.3	16.8	Ozark.....	593	14,283	14,096	13,080	1.8	7.8												
Yalobusha.....	490	21,519	19,742	16,629	9.0	18.7	Osage.....	746	11,926	12,145	9,795	-1.8	2.0												
Yazoo.....	1,038	46,672	43,948	36,394	6.2	20.8	Pemissot.....	456	19,559	12,115	5,973	61.4	102.8												
MISSOURI.....													MISSOURI.....												
Adair.....	571	22,700	21,738	17,417	4.5	24.8	Perry.....	462	14,898	15,134	13,237	-1.6	14.3												
Andrew.....	428	15,282	17,321	16,900	-0.5	8.0	Pettis.....	685	33,913	32,438	31,151	4.5	4.1												
Atchison.....	528	13,604	16,501	15,533	-17.6	-6.2	Phelps.....	670	15,796	14,194	12,636	11.3	12.3												
Audrain.....	685	21,687	21,160	22,074	2.5	-4.1	Platte.....	650	22,556	22,744	28,231	-12.4	-2.2												
Barry.....	784	23,609	25,332	22,943	-6.5	11.3	Polk.....	415	14,429	16,193	16,248	-10.9	-0.3												
Barton.....	596	16,747	18,253	18,504	-8.3	-1.4	Pulaski.....	641	21,561	23,255	20,339	-7.3	14.3												
Bates.....	505	25,869	30,141	32,223	-14.2	-6.5	Pulaski.....	542	11,438	10,394	9,387	10.0	10.7												
Benton.....	745	14,881	16,556	14,973	-10.1	10.6	Putnam.....	517	14,308	16,688	15,365	-14.3	8.6												
Beverly.....	690	14,876	14,650	13,320	-0.5	11.7	Ralls.....	481	12,913	12,287	12,294	5.1	-0.1												
Boone.....	688	30,533	28,642	26,043	6.6	10.0	Randolph.....	526	26,182	24,442	24,893	7.1	1.8												
Burhanson.....	408	33,020	121,838	70,100	-22.7	73.8	Ray.....	855	21,451	24,805	24,215	-13.5	2.4												
Butler.....	699	20,624	16,769	10,164	23.0	65.0	Reynolds.....	528	9,592	8,161	6,803	17.5	20.0												
Caldwell.....	433	14,605	16,656	15,152	-12.3	9.9																			
Callaway.....	808	24,400	25,984	25,131	-6.1	3.4																			
Camden.....	687	11,582	13,113	10,040	-11.7	30.6																			

¹ For changes in boundaries, etc., of counties, see page 53.

² State total includes population (1) specially enumerated in 1890, not credited to any county.

³ Less than one-tenth of 1 per cent.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.			
		1910	1900	1890	1900-1910	1890-1900		1910	1900	1890	1900-1910	1890-1900		
MISSOURI—														
Con.														
Ripley	627	13,099	13,186	8,512	-0.7	54.9	Dakota	253	6,564	6,286	5,386	4.4	16.7	
St. Charles	535	24,474	24,474	22,977	0.9	6.5	1,402	8,254	6,215	5,722	32.8	30.7	26.6	
St. Clair	706	16,412	17,907	16,747	-8.3	6.9	985	15,961	12,214	10,129	28.8	30.1	30.3	
St. Francois	458	35,738	24,051	17,347	48.6	38.6	439	1,786	2,630	2,893	-32.1	-0.1	-	
St. Louis	487	82,417	50,040	36,307	64.7	37.8	472	11,477	10,535	8,084	8.9	30.3	30.3	
St. Louis city	61	687,029	575,238	451,770	19.4	27.3	Dodge	531	22,145	22,298	19,260	-0.7	15.8	15.8
Ste. Genevieve	481	10,407	10,359	9,883	2.4	4.8	331	168,540	140,590	158,008	19.9	-11.0	-11.0	
Saline	754	29,448	33,703	33,762	-12.6	-0.2	927	4,098	2,434	4,012	68.4	39.3	39.3	
Saxton	309	9,462	10,840	11,249	-16.4	-3.6	576	14,674	15,987	16,022	-2.7	-5.8	-5.8	
Scotland	499	11,869	13,232	12,674	-10.3	4.4	578	10,308	9,455	7,693	9.0	22.9	22.9	
Scott	419	22,372	13,092	11,228	70.9	16.6	975	8,572	8,781	8,497	-2.4	3.3	3.3	
Shannon	932	11,443	11,247	8,898	1.7	26.4	721	12,083	12,373	9,840	-2.3	25.7	25.7	
Shelby	509	14,804	16,167	15,642	-8.1	3.4	862	30,325	30,051	26,344	0.9	-17.3	-17.3	
Stoddard	815	27,807	24,669	17,327	12.7	42.4	1,652	3,538	3,538	3,538	0.0	0.0	0.0	
Stone	610	11,559	9,892	7,690	16.9	39.5	375	5,317	2,127	1,659	60.6	28.2	28.2	
Sullivan	649	18,598	20,282	19,000	-8.3	6.7	Gosper	464	4,933	5,301	4,816	-6.9	10.1	10.1
Taney	655	9,134	10,127	7,973	-9.8	27.0	730	1,097	783	458	43.8	8.8	8.8	
Texas	1,159	21,458	22,192	19,406	-3.3	14.0	571	8,047	5,091	4,869	41.4	16.9	16.9	
Vernon	839	28,827	31,619	31,595	-8.8	0.4	628	20,361	17,296	16,513	18.3	4.2	4.2	
Warren	740	9,123	9,919	9,913	-8.0	0.1	538	13,459	13,330	14,096	1.0	-5.4	-5.4	
Washington	411	13,378	14,263	13,183	-6.2	8.4	Harlan	574	9,578	9,370	8,158	2.2	14.9	14.9
Waynes	615	18,181	18,381	15,127	-8.0	28.7	722	3,011	2,728	3,953	11.2	-31.6	-31.6	
Webster	585	17,377	16,640	15,177	4.4	9.6	722	4,415	7,929	6,469	22.8	34.0	34.0	
Worth	265	8,007	9,832	8,738	-18.6	12.5	2,393	15,545	12,204	13,672	27.2	-10.5	-10.5	
Wright	677	18,315	17,519	14,484	4.5	21.0	Hooker	722	981	432	426	127.1	1.4	1.4
MONTANA														
	1,146,201	376,063	243,329	142,924	54.5	70.3	Howard	561	10,783	10,343	9,430	4.3	9.7	9.7
Beaverhead	4,719	6,446	5,615	4,655	14.8	20.6	Jefferson	578	16,852	15,196	14,850	10.9	2.3	2.3
Broadwater	1,194	3,491	2,641	2,641	32.2	0.0	Johnson	374	10,187	11,197	10,333	-9.0	8.4	8.4
Carbon	2,438	13,962	7,533	8,531	85.3	0.0	Kearney	516	9,106	9,856	9,961	-7.7	9.9	9.9
Cascade	3,384	28,833	25,777	8,755	11.9	194.4	1,068	13,692	13,951	2,556	89.2	-23.7	-23.7	
Cascade	15,972	17,191	10,966	4,701	56.8	103.6	Keyapaha	775	3,452	3,076	3,030	12.2	-21.5	-21.5
Custer	13,156	14,123	7,891	5,308	7.90	621.3	Knock	1,114	18,358	14,343	8,582	28.0	67.1	67.1
Dawson	13,221	12,725	2,443	2,056	420.9	18.8	Lancaster	853	73,793	64,835	76,395	13.8	-15.1	-15.1
Deer Lodge	9,278	12,381	17,393	15,127	-25.5	74.9	Lincoln	2,536	15,684	11,416	10,441	37.4	9.3	9.3
Fergus	8,203	17,885	6,314	4,741	56.8	0.0	Logan	573	1,521	900	1,378	58.4	-39.3	-39.3
Flathead	6,070	18,785	9,375	5,344	100.4	0.0	Lotus	576	2,188	1,905	1,662	67.7	-21.5	-21.5
Gallatin	2,513	14,079	9,559	6,246	47.4	52.9	Madison	576	19,101	16,976	13,669	12.5	24.2	24.2
Grainger	1,637	2,942	4,328	4,328	-32.0	0.0	Merrick	463	10,379	9,255	8,758	12.1	5.7	5.7
Jefferson	1,650	5,601	5,330	6,026	5.1	-11.5	Morrill	1,417	4,584	4,584	4,584	8.6	42.4	42.4
Lewis and Clark	3,465	21,853	19,171	19,145	14.0	0.1	Nance	446	8,926	8,222	5,773	8.6	42.4	42.4
Lincoln	3,530	3,638	3,638	3,638	0.0	0.0	Nemaha	389	19,095	14,952	12,930	-12.4	15.6	15.6
Madison	4,581	7,229	7,695	4,692	-6.1	64.8	Nebraska	573	13,019	12,114	11,417	4.9	8.7	8.7
Meagher	3,706	4,190	2,526	4,749	65.9	-46.0	Nebraska	686	19,323	22,288	25,403	-13.3	-12.3	-12.3
Missoula	4,233	23,596	12,954	14,427	6.8	18.7	Paynee	431	10,582	11,702	10,340	-10.1	13.8	13.8
Park	2,675	10,731	7,341	6,881	46.2	6.7	Perkins	485	2,570	1,700	4,364	51.0	-61.0	-61.0
Powell	2,559	5,904	5,904	5,904	0.0	0.0	Phelps	538	10,451	10,772	9,869	-3.0	9.1	9.1
Ravalli	2,447	11,665	7,822	49.1	0.0	Pierce	578	10,122	8,445	4,864	19.9	73.6	73.6	
Rosebud	9,563	7,985	3,713	3,713	0.0	0.0	Platte	673	19,096	17,747	15,437	7.1	15.0	15.0
Sanders	2,859	3,713	3,713	3,713	0.0	0.0	Polk	430	10,521	10,542	10,817	-0.2	-2.5	-2.5
Silver Bow	698	56,938	47,636	23,744	19.3	100.6	Redwillow	720	11,656	9,694	8,837	15.1	8.7	8.7
Sweet Grass	2,918	4,029	3,086	30.6	0.0	0.0	Richardson	545	17,448	18,614	17,574	-11.0	11.6	11.6
Teton	9,546	7,881	5,080	87.9	0.0	0.0	Rock	1,094	3,627	2,809	3,083	29.1	-8.9	-8.9
Valley	13,515	13,630	4,355	213.0	0.0	0.0	Saline	573	17,866	18,252	20,097	-2.1	-3.2	-3.2
Yellowstone	5,729	22,944	6,212	2,065	269.3	200.8	Sarpy	240	9,274	9,080	6,875	2.1	62.1	62.1
NEBRASKA														
	76,808	1,192,214	1,066,300	1,062,856	11.8	0.3	Saunders	756	21,179	22,085	21,777	-4.1	2.4	2.4
Adams	545	20,900	18,840	24,303	10.9	-52.3	Scotts Bluff	723	8,355	2,552	1,888	227.4	35.0	35.0
Antelope	762	14,033	10,304	62.4	9.1	0.1	Sevier	574	15,885	16,149	14,900	1.3	-2.8	-2.8
Banner	742	1,444	1,114	2,435	29.6	-54.5	Sheridan	2,469	7,328	6,063	6,887	21.5	-30.6	-30.6
Blaine	611	1,672	603	1,146	177.3	-37.4	Sherman	573	8,278	6,550	6,399	26.4	2.4	2.4
Boone	792	13,145	11,689	8,683	12.5	34.6	Sioux	2,055	5,599	2,655	2,452	172.5	-56.2	-56.2
Boxbutte	1,076	6,131	5,572	5,494	10.0	1.4	Stanton	431	7,542	6,959	4,619	8.4	10.7	10.7
Boyd	535	8,826	7,332	695	20.4	955.0	Thayer	578	14,775	14,325	12,738	3.1	12.5	12.5
Brown	1,233	6,470	3,470	4,359	75.3	-20.4	Thomas	716	1,191	628	517	89.6	21.5	21.5
Buffalo	945	21,967	20,254	22,162	6.8	-8.6	Thurston	387	8,704	6,517	3,176	33.6	105.2	105.2
Burt	475	12,726	13,040	11,669	-2.4	17.8	Valley	570	7,490	6,917	7,965	29.2	3.5	3.5
Butler	583	15,403	15,703	15,454	-1.9	1.6	Washington	574	12,738	13,086	11,869	-2.7	10.3	10.3
Cass	538	19,786	21,330	24,080	-7.2	-11.4	Wayne	450	10,397	9,832	6,169	5.4	59.9	59.9
Cedar	735	15,191	12,467	7,028	21.8	-77.8	Wadsworth	480	12,008	11,013	11,210	3.3	3.6	3.6
Chase	899	3,513	2,559	4,807	41.2	46.4	Wheeler	578	2,292	1,362	1,683	68.3	-19.1	-19.1
Cherry	979	10,414	6,541	4,628	59.2	1.8	York	575	18,721	18,205	17,279	2.8	5.4	5.4
Cheyenne	1,194	4,551	5,570	5,693	-18.3	-2.2	NEVADA							
Clay	579	15,729	15,735	16,310	(-)	-2.5	Churchill	5,043	2,811	830	703	238.7	18.1	18.1
Collax	405	11,610	11,211	10,453	3.6	7.3	Clark	8,050	3,321	3,321	3,321	0.0	0.0	0.0
Cuming	577	13,782	14,584	12,265	-5.5	18.9	Douglas	733	1,895	1,534	1,551	23.5	-1.1	-1.1
Curry	2,588	25,068	19,758	21,677	29.9	-8.9	Elko	17,059	8,133	5,688	4,794	43.0	9.5	9.5
							Esmeralda	7,432	9,369	1,972	2,148	375.		

POPULATION OF COUNTIES.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (-) denotes decrease.]

Table 13—Con.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900	
NEVADA—Con.													NEW YORK	
Eureka ¹	4,157	1,830	1,954	3,275	-6.3	-40.3	Albany	527	173,666	165,571	164,555	4.9	0.6	
Humboldt	15,587	6,825	4,463	3,334	52.9	30.0	Allegany	1,047	41,412	41,501	43,240	-0.2	-4.0	
Lander	5,721	1,786	1,534	2,206	16.4	-32.3	Bronx	705	78,509	69,149	62,973	14.0	9.8	
Lincoln ¹	10,511	3,489	3,284	2,466	6.2	27.6	Cattaraugus	1,343	63,919	65,243	60,806	0.4	44.6	
Lyon	1,509	3,568	2,268	1,957	57.3	15.1	Cayuga	703	67,146	66,234	65,302	1.3	1.4	
Nye	18,294	7,513	1,149	1,290	559.0	-11.6	Chautauqua	1,069	105,126	88,314	75,202	19.0	17.4	
Ormsby	156	3,415	2,843	4,883	18.0	-40.8	Chemung	407	54,662	54,063	48,265	1.1	12.0	
Storey	251	3,045	3,673	8,806	-17.1	-58.3	Chemung	894	35,575	36,568	37,716	-2.7	-2.1	
Washoe	6,251	17,434	9,141	6,437	90.7	31.1	Clinton	1,049	48,230	47,430	46,437	1.7	2.1	
White Pine	8,795	7,441	1,961	1,721	279.4	13.9	Columbia	644	43,658	43,211	46,172	1.0	-6.4	
N. HAMPSHIRE													CONNECTICUT	
Belknap	957	21,309	19,526	20,321	9.1	-3.9	Corland	533	20,249	27,576	28,657	6.1	-3.8	
Carroll	395	16,216	16,885	18,124	-3.4	-6.8	DelaWare	1,449	45,575	46,415	45,496	-1.8	2.1	
Cheshire	728	30,659	31,321	29,579	-2.1	5.9	Dutchess	806	87,661	81,670	77,879	7.3	4.9	
Cos.	1,798	30,753	29,468	25,211	4.4	27.0	Essex	1,034	528,985	433,086	322,931	22.0	33.9	
Grafton	1,729	41,632	40,544	37,217	2.0	9.7	Franklin	1,836	33,458	30,707	33,652	9.0	-7.1	
Hillsborough	805	126,072	112,640	93,247	11.9	20.8	Franklin	1,678	45,717	42,853	38,110	6.7	9.2	
Merrimack	932	53,335	52,130	49,455	1.7	6.1	Fulton	516	44,534	42,842	37,650	3.9	13.8	
Rockingham	691	52,188	51,118	49,659	2.1	3.0	Genesee	496	37,615	34,561	33,665	8.8	12.9	
Stratford	379	38,951	39,337	38,442	-1.0	2.0	Greene	643	30,214	31,478	31,398	-4.0	-0.4	
Sullivan	527	19,337	18,009	17,304	7.4	4.1	Hamilton	1,700	4,973	4,947	4,762	-1.6	3.9	
NEW JERSEY													ILLINOIS	
Atlantic	569	71,894	46,402	28,836	54.9	60.9	Herkimer	1,459	56,356	51,049	45,608	10.4	11.9	
Bergen	237	138,002	78,441	47,226	75.9	66.1	Jeferson	1,274	80,382	76,743	68,806	4.7	11.5	
Burlington	185	66,765	58,241	58,528	14.3	-0.5	Kings	1,770	1,634,351	1,166,582	838,547	40.1	39.1	
Camden	222	142,029	107,643	87,687	31.9	22.8	Lehigh	1,270	24,849	27,427	29,806	-9.4	-4.0	
Cape May	265	19,745	13,201	11,208	49.6	17.2	Livingston	631	33,037	37,059	37,801	2.6	-2.0	
Cumberland	500	55,153	51,193	45,438	7.7	12.7	Madison	650	39,289	40,545	42,802	-3.1	-5.9	
Essex	127	512,886	359,053	256,098	42.8	40.2	Monroe	603	283,212	217,854	189,586	30.0	14.9	
Gloucester	332	37,368	31,905	28,649	17.1	11.4	Montgomery	398	57,567	47,488	45,699	21.2	3.9	
Hudson	434	537,231	386,043	275,126	39.2	40.3	Nassau	274	83,930	55,448	48,882	51.4	34.0	
Hunterdon	437	33,569	34,507	35,355	-2.7	-2.4	New York	63	2,762,522	2,050,600	1,515,301	34.7	35.3	
Mercer	226	125,657	95,365	79,978	31.8	19.2	Niagara	522	92,036	74,961	62,491	22.8	19.4	
Middlesex	312	114,636	79,702	61,754	45.3	29.2	Omaha	1,250	154,157	132,800	122,922	18.7	8.0	
Monmouth	479	94,734	82,557	69,128	15.4	18.7	Ontario	649	52,286	49,045	48,453	5.4	2.4	
Morris	475	74,704	65,156	54,101	14.7	20.4	Orange	834	116,001	103,859	97,859	11.7	6.1	
Ocean	19	21,318	19,747	15,974	8.0	23.6	Orleans	596	32,000	30,164	30,803	6.1	-2.1	
Passaic	196	215,902	155,202	105,046	39.1	47.7	Oswego	966	71,664	74,881	71,883	1.1	-1.4	
Salem	303	26,999	25,530	25,151	5.3	1.5	Otsego	1,009	47,216	48,939	50,861	-3.5	-3.8	
Somers ¹	345	38,820	32,948	28,311	17.8	16.4	Putnam	233	14,665	13,787	14,849	6.4	-7.2	
Sussex	529	26,781	24,134	22,259	11.0	8.4	Queens	105	284,041	152,999	128,059	85.6	19.5	
Union	103	140,197	99,353	72,467	41.1	37.1	Rensselaer	663	122,276	121,697	124,511	0.5	-2.3	
Warren	302	43,187	37,781	36,553	14.3	3.4	Richmond	48	85,969	67,021	61,693	28.3	29.7	
NEW MEXICO													INDIANA	
Bernalillo ¹	1,214	32,006	28,630	20,913	-17.5	43.4	Adams	248	283,055	184,257	146,247	22.4	8.9	
Chaves ¹	9,408	16,850	4,773	.....	253.0	.....	Allen	1,401	83,362	82,822	81,473	0.7	1.7
Colfax ¹	3,798	16,460	10,150	7,974	62.2	27.3	Starke	1,401	96,138	77,582	62,491	23.9	24.1	
Curry ¹	1,406	11,443	.....	.....	.....	.....	Sullivan	1,062	33,808	32,306	31,031	4.6	4.1
Dona Ana ¹	3,821	12,933	10,187	9,191	26.6	10.8	Tioga	520	25,624	27,951	29,935	-8.3	-6.6	
Eddy ¹	6,423	12,400	3,229	.....	284.0	.....	Tompkins	476	33,647	33,530	32,923	-0.5	2.8
Grant ¹	7,928	14,813	12,883	9,657	15.0	33.4	Ulster	1,140	91,709	88,422	87,062	3.8	1.6	
Guadalupe	3,987	10,927	5,429	.....	101.5	.....	Warren	570	32,223	29,943	27,866	7.0	7.5
Lincoln ¹	4,779	7,822	4,953	7,081	57.9	-30.1	Washington	837	47,778	45,624	45,680	4.7	-0.1	
Luna ¹	2,976	3,913	.....	.....	.....	.....	Wayne	599	50,179	48,640	49,729	3.1	-2.1
McKinley ¹	5,506	12,963	.....	.....	.....	.....	Westchester	426	183,055	184,257	146,772	33.6	15.2
Mora ¹	2,571	12,611	10,304	10,618	22.4	-8.0	Wyo ming	601	31,880	30,713	31,195	4.8	-2.5	
Otero ¹	6,689	7,069	4,791	.....	47.5	.....	Yates	343	18,642	20,318	21,001	-8.2	-3.8
Quay ¹	2,905	14,912	N. CAROLINA		48,740	2,206,287	1,899,810	1,617,949	16.5	17.1
Rio Arriba ¹	5,871	16,624	13,777	11,534	20.7	12.3	Alamance	492	28,712	26,665	18,271	11.9	40.5	
Rosevelt ¹	2,265	12,064	.....	.....	.....	.....	Anderson	280	11,592	10,952	9,430	5.8	15.2
San Juan ¹	5,476	8,501	4,828	1,800	76.1	63.0	Alleghany	234	7,745	7,759	6,523	-0.2	18.9	
San Miguel ¹	4,798	22,600	22,053	24,304	4.0	-8.9	Anson	526	25,465	21,870	20,027	16.4	9.2	
Sandoval ¹	3,871	8,579	14,658	13,662	0.8	8.1	Ashe	447	19,074	19,581	15,628	-2.6	25.3	
Santa Fe ¹	1,973	14,770	13,658	11,302	12.0	-13.0	Beaufort	840	30,877	26,044	21,072	16.9	25.3	
Sierra	3,118	3,536	3,158	3,630	12.0	10.3	Bertie	703	23,039	20,538	19,176	12.2	7.1	
Socorro ¹	15,070	14,761	12,195	9,596	11.0	27.1	Biden	1,004	18,006	17,677	16,763	1.9	5.5	
Taos	2,252	12,008	10,889	9,868	10.3	.....	Bladen	790	14,432	12,637	10,900	14.9	16.2
Torrance ¹	3,369	10,119	.....	.....	.....	.....	Buncombe	1,639	49,798	44,288	35,266	12.4	25.6
Union ¹	5,789	11,404	4,528	151.9								
Valencia ¹	5,659	13,320	13,895	15,576	-4.1	0.1								

¹ For changes in boundaries, etc., of counties, see page 53.
² See heading to table, page 32.
³ State total includes population (6,689) of Indian reservations specially enumerated in 1890, not distributed by counties.
⁴ State total includes population (5,321) of Indian reservations specially enumerated in 1890, not distributed by counties.
⁵ State total includes population (2) specially enumerated in 1890 not credited to any county.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (-) denotes decrease.]

Table 13—Con. COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900—1890	1890—1900			1910	1900	1890	1900—1910	1890—1900
N. CAROLINA—													
Con.													
Burke.....	534	21,408	17,699	14,939	21.0	18.5	Scotland ¹	349	15,363	12,553	.....	22.4	.....
Cabarrus.....	390	26,240	22,456	18,142	16.9	23.8	Stanly.....	416	19,909	15,220	12,136	36.8	25.4
Caldwell.....	512	20,579	15,694	12,298	31.1	27.6	Wakes.....	480	20,151	19,866	17,199	1.4	15.5
Camden.....	220	5,640	5,474	5,657	3.0	-3.4	Surry.....	520	29,705	25,515	19,281	16.4	32.3
Carteret.....	573	13,776	11,811	10,825	16.6	9.1	Swain.....	553	10,403	8,401	6,577	23.8	27.7
Caswell.....	402	14,858	15,028	16,028	-1.1	-6.2	Transylvania.....	379	7,191	6,620	5,881	8.6	12.6
Catawba.....	408	27,918	22,133	18,689	26.1	18.4	Tyrrell.....	390	5,219	4,980	4,225	4.8	17.9
Chatham.....	696	22,635	23,912	25,413	-5.3	-5.9	Union.....	565	33,277	27,156	21,259	22.5	27.7
Cherokee.....	454	14,136	11,860	9,976	19.2	18.9	Vance.....	279	19,425	16,684	17,881	16.4	-5.1
Chowan.....	165	11,303	10,258	9,167	10.2	11.9	Wake.....	845	63,229	54,626	49,307	15.7	11.0
Clay.....	220	3,909	4,532	4,197	-13.7	8.0	Warren.....	425	20,266	19,151	19,360	5.8	-1.1
Cleveland.....	488	29,494	25,078	20,394	17.6	23.0	Washington.....	327	11,062	10,608	10,200	4.3	4.0
Columbus.....	693	28,020	21,274	17,856	31.7	19.1	Watauga.....	342	13,556	13,417	10,511	11.0	26.4
Craven.....	660	25,594	24,100	20,533	5.9	17.7	Wayne.....	615	35,698	31,356	26,100	13.8	20.1
Cumberland.....	1,013	35,284	29,249	27,321	20.6	7.1	Wilkes.....	735	30,282	26,872	22,675	12.7	18.5
Currítuck.....	292	7,693	6,529	6,747	17.8	-3.2	Wilson.....	28,209	23,596	18,044	19.8	26.6	
Dare.....	377	4,841	4,757	3,768	1.8	26.2	Yadkin.....	324	15,428	14,083	13,790	9.6	2.1
Davidson.....	569	29,404	23,403	21,702	25.6	7.8	Yancey.....	298	12,072	11,464	9,490	5.3	20.8
Davidson.....	258	13,394	12,115	11,621	10.6	4.3	N. DAKOTA						
Duplin.....	783	25,442	22,405	19,690	13.6	19.9	Adams ¹	997	5,407	.....	.....	.....	.....
Durham.....	291	35,276	26,233	18,041	34.5	45.4	Barnes.....	1,510	18,096	13,150	7,045	37.3	86.8
Edgecombe.....	509	32,010	26,591	24,113	20.4	10.3	Benson.....	1,364	12,681	8,320	2,460	52.4	186.7
Forsyth.....	376	47,311	35,261	28,434	34.2	24.0	Billings ¹	3,404	10,186	975	170	944.7	43.5
Franklin.....	408	24,692	25,116	21,090	-1.7	19.1	Botineau ¹	1,681	17,295	7,532	2,895	129.6	160.4
Gaston.....	371	37,063	27,903	17,764	32.8	57.1	Bowman ¹	1,164	4,668	.....	6	.....	.....
Gates.....	359	10,455	10,413	10,252	0.4	1.6	Burke ¹	1,113	9,064	6,081	4,247	115.2	45.2
Graham.....	298	4,749	4,343	3,313	9.3	31.1	Burlingh.....	1,051	13,087	6,081	4,247	115.2	45.2
Granville.....	503	25,102	23,263	24,844	7.9	-5.0	Cass.....	1,703	33,835	28,625	19,613	18.6	45.9
Greene.....	252	13,083	12,038	10,039	8.7	19.9	Cavalier.....	1,494	15,659	12,580	6,471	24.5	94.4
Guilford.....	671	60,497	39,974	28,652	54.8	39.3	Dickey.....	1,142	9,839	6,061	5,673	62.3	8.8
Halifax.....	696	37,646	30,793	28,908	22.3	6.5	Divide.....	1,270	6,015	.....	.....	.....	.....
Harnett.....	395	22,174	15,988	13,700	38.7	10.7	Dunn ¹	2,084	5,302	.....	159	.....	.....
Haywood.....	546	16,222	13,346	12,589	15.3	12.0	Eddy.....	651	4,800	3,330	1,977	44.1	144.8
Henderson.....	341	15,436	14,294	13,851	8.0	3.2	Emmons.....	1,503	9,796	4,349	1,371	125.2	120.6
Hertford.....	617	8,840	9,278	8,903	-4.7	4.2	Foster.....	1,444	5,313	3,770	1,210	40.9	211.6
Hyde.....	588	34,315	29,064	25,462	18.1	14.1	Grand Forks.....	633	27,888	24,459	18,357	14.0	33.2
Iredell.....	494	12,998	11,853	9,512	9.7	24.6	Griggs.....	717	6,274	4,744	2,817	32.3	68.4
Johnston.....	694	41,401	32,250	27,239	28.4	18.4	Hettinger.....	1,122	6,587	.....	.....	.....	.....
Jones.....	417	8,721	8,226	7,403	6.0	11.1	Kidder.....	1,386	5,962	1,754	1,211	239.9	44.8
Lee ¹	261	11,376	.....	.....	.....	.....	Lamoure.....	1,147	10,724	6,048	3,187	77.3	89.8
Lenoir.....	397	22,769	18,639	14,879	22.2	25.3	Lincoln.....	997	6,168	1,625	997	279.6	172.2
Lincoln.....	299	17,132	15,498	12,586	10.5	23.1	McHenry ¹	1,888	17,627	5,253	1,584	235.6	231.6
McDowell.....	443	13,538	12,567	10,939	7.7	14.9	McIntosh.....	1,093	7,251	4,818	3,284	50.5	48.3
Macon.....	513	12,191	12,104	10,102	0.7	19.8	McKenzie ¹	2,847	5,720	.....	.....	.....	.....
Madison.....	436	20,132	20,644	17,805	-2.5	15.9	McLean ¹	2,305	14,496	4,791	860	202.6	341.6
Martin.....	498	17,797	15,383	15,221	15.7	1.1	Mercer ¹	1,110	4,747	1,778	428	167.0	306.1
Mecklenburg.....	567	67,031	55,268	42,673	21.3	29.5	Morton.....	4,742	25,289	10,277	5,239	146.1	154.0
Mitchell.....	371	17,245	15,221	12,867	13.3	18.8	Mountain ¹	1,914	8,491	.....	.....	.....	.....
Montgomery.....	498	14,967	14,197	11,239	5.4	26.3	Nelson.....	981	10,140	7,316	4,293	38.6	70.4
Moore ¹	639	17,010	23,622	20,479	-28.0	15.9	Oliver.....	729	3,577	900	464	261.3	113.4
Nash.....	586	33,727	25,478	20,707	32.4	23.0	Pembina.....	1,117	14,749	17,869	14,334	-17.5	24.7
New Hanover.....	216	32,037	25,785	24,026	24.2	7.3	Pierce ¹	1,055	9,740	7,865	905	104.4	426.5
Northampton.....	504	22,323	21,150	21,242	5.5	-0.4	Ransom.....	1,205	15,199	9,998	4,418	65.2	108.2
Onslow.....	743	14,125	11,940	10,303	18.3	15.9	Ray.....	800	10,345	6,919	5,993	49.5	28.3
Orange.....	390	15,064	14,690	14,948	2.5	-1.7	Renville ¹	899	7,840	.....	.....	.....	.....
Pamlico.....	250	9,966	8,045	7,146	23.9	12.6	Richland.....	1,437	15,659	17,387	10,751	13.1	61.7
Pasquotank.....	333	16,693	13,660	10,748	22.2	27.1	Rolette.....	918	9,558	7,995	2,427	19.5	80.8
Pender.....	815	15,471	13,381	12,514	15.6	6.9	Sargents.....	855	9,202	6,689	5,076	52.4	19.0
Perquimans.....	252	11,054	10,091	9,293	9.5	8.6	Sheridan ¹	996	8,103	.....	.....	.....	.....
Person.....	371	17,356	16,685	15,151	4.0	10.1	Stark ¹	1,356	12,504	7,621	3,304	64.1	230.8
Pitt.....	629	36,340	30,889	25,519	17.6	21.0	Steele.....	717	7,616	5,888	3,777	29.3	55.9
Folk.....	551	7,641	7,004	5,902	9.1	18.7	Stutsman.....	2,282	18,139	9,443	5,266	98.9	73.6
Randolph.....	803	29,491	28,232	25,195	4.5	12.1	Towner.....	1,047	8,993	6,191	1,450	38.1	347.7
Richmond ¹	521	19,673	15,855	23,948	24.1	-33.8	Trail.....	865	12,945	15,107	10,217	-4.3	28.3
Robeson.....	1,051	51,945	40,371	31,483	28.7	28.2	Walsh.....	1,282	19,491	20,288	16,587	-3.9	22.3
Rockingham.....	579	36,442	33,163	25,363	9.9	30.8	Ward ¹	2,054	25,281	7,961	1,681	217.6	373.6
Rowan.....	489	37,521	31,066	24,123	20.8	28.8	Williams.....	1,292	11,814	8,310	1,212	43.2	85.6
Rutherford.....	544	28,385	25,101	18,770	13.1	35.7	.....	2,138	14,234	1,530	.....	.....	.....
Sampson.....	251	29,882	26,380	25,996	13.7	5.1	.....	.....	.....	.....	.....	.....	.....

¹ For changes in boundaries, etc., of counties, see page 53.

² State total includes population (8,264) of Indian Reservations specially enumerated in 1890, not distributed by counties; population (875) of Duford and Flannery Counties, taken to form part of Williams County between 1890 and 1900; and population (563) of Church, Garfield, Stevens, and Wilcox Counties, and old Hettinger, Mountain, Renville, Sheridan, and Williams Counties, annexed to Bottineau, McLean, McClary, Pierce, Ward, Stark, and Mercer Counties between 1890 and 1900.

³ See headnote to table, page 32.

⁴ Includes population (2,208) of part of Standing Rock Indian Reservation, not returned by counties in 1900.

⁵ Includes population (511) of Fort Yates and Standing Rock Indian Agency.

POPULATION OF COUNTIES.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.	COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
			1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
	OHIO	40,740	4,767,121	4,187,845	3,672,329	14.7	13.2	OHIO—Con.						
	Adams.....	546	24,755	26,328	26,093	-6.0	0.9	Licking.....	609	55,590	47,070	43,279	18.1	8.6
	Allen.....	406	56,580	47,976	40,644	17.9	18.0	Logan.....	451	30,084	30,420	27,876	-1.1	11.1
	Ashtabula.....	421	22,975	21,184	22,223	8.5	-4.7	Lorain.....	497	76,037	54,857	40,296	38.6	36.1
	Ashland.....	723	59,547	51,448	43,655	15.7	17.9	Lucas.....	342	182,738	153,559	102,296	25.5	50.1
	Athens.....	497	47,738	35,730	35,194	23.4	10.0	Madison.....	427	19,902	20,590	20,657	-3.3	2.7
	Auglaize.....	357	31,246	31,192	28,100	0.2	11.0	Mahoning.....	427	116,151	70,134	55,979	65.6	25.3
	Belmont.....	530	70,856	60,875	57,413	26.3	6.0	Marion.....	409	33,971	28,678	24,727	18.5	16.0
	Brown.....	431	28,822	28,237	29,809	-2.1	-5.6	Medina.....	436	23,598	21,958	21,742	7.5	1.0
	Butler.....	452	70,271	56,870	48,597	23.6	17.0	Meigs.....	425	25,594	23,620	29,313	-10.6	-4.0
	Carroll.....	387	15,761	16,311	17,566	-6.2	-4.3	Mercer.....	450	27,536	28,021	27,220	-1.7	2.9
	Champaign.....	421	26,351	26,642	26,980	-1.1	-1.3	Miami.....	408	45,407	43,105	39,754	4.5	8.4
	Clark.....	407	66,435	58,939	52,277	12.7	12.7	Monroe.....	448	24,244	27,031	25,175	-10.3	7.4
	Clermont.....	465	29,551	31,610	33,553	-6.5	-5.8	Montgomery.....	455	163,763	130,146	100,852	23.8	29.0
	Columbus.....	411	23,680	24,202	24,240	-2.2	-0.2	Morgan.....	402	16,097	17,905	19,143	-10.1	-6.5
	Columbiana.....	534	76,619	68,590	59,629	11.7	16.2	Morrow.....	403	16,815	17,879	18,120	-6.0	-11.3
	Coshocton.....	558	30,121	29,337	26,703	2.7	9.9	Muskingum.....	664	57,488	53,185	51,210	8.1	3.9
	Crawford.....	409	34,036	33,915	31,927	0.4	6.2	Noble.....	399	18,601	19,466	20,753	-4.4	-6.2
	Cuyahoga.....	463	67,425	43,120	30,970	45.2	41.7	Ottawa.....	270	22,360	22,213	21,974	0.7	1.1
	Darke.....	586	42,933	42,532	42,961	0.9	-1.0	Paulding.....	413	22,730	27,528	25,332	-17.4	6.2
	Defiance.....	405	24,498	26,387	25,769	-7.2	2.4	Perry.....	399	35,396	31,841	31,151	11.2	2.2
	Delaware.....	445	27,182	26,401	27,189	3.0	-2.9	Pickaway.....	420	26,158	27,016	26,959	-3.2	0.2
	Erie.....	256	38,327	37,650	35,462	1.8	6.2	Pike.....	498	15,723	18,172	17,482	-13.5	3.9
	Fairfield.....	493	39,201	34,259	33,939	14.4	0.9	Portage.....	521	20,307	20,246	27,868	3.6	4.9
	Fayette.....	413	21,744	21,725	22,309	0.1	-2.6	Preble.....	416	23,834	23,713	23,421	0.5	1.2
	Franklin.....	517	221,567	164,460	124,087	44.7	32.5	Putnam.....	432	29,972	32,525	30,188	-7.8	7.7
	Fulton.....	405	23,914	22,801	24.9	3.5	Richland.....	503	47,667	44,289	38,072	7.6	16.3	
	Gallia.....	449	25,745	27,918	27,005	-7.8	3.4	Ross.....	648	40,069	40,940	39,454	-2.1	3.8
	Geauga.....	416	14,673	14,744	13,489	-0.5	9.3	Sandusky.....	413	35,171	34,311	30,617	2.5	12.1
	Greene.....	415	29,733	31,613	29,820	-5.9	6.0	Scioto.....	628	48,463	40,981	35,377	18.3	15.8
	Guernsey.....	518	42,716	34,425	28,645	24.1	20.2	Seneca.....	550	42,421	41,163	40,869	3.1	0.7
	Hamilton.....	407	460,732	409,479	374,573	12.5	9.3	Shelby.....	410	24,663	24,625	24,707	0.2	-0.3
	Hancock.....	535	37,860	41,993	42,563	-2.8	-1.3	Stark.....	506	122,987	94,747	84,170	29.8	12.6
	Hardin.....	473	30,407	31,187	28,939	-0.5	7.8	Summit.....	468	108,253	71,715	54,089	50.9	32.6
	Harrison.....	401	19,076	20,486	20,830	-6.9	-1.7	Trumbull.....	633	62,766	46,591	42,373	13.3	10.0
	Henry.....	414	25,119	27,282	25,080	-7.9	8.8	Tuscarawas.....	555	57,005	53,761	46,618	6.1	13.3
	Highland.....	549	28,711	30,982	29,048	-7.3	6.7	Union.....	446	21,871	22,342	22,860	-2.1	-2.3
	Hocking.....	411	23,650	24,398	22,658	-3.1	7.7	Van Wert.....	406	29,119	30,394	29,671	-4.2	2.4
	Johnson.....	416	17,904	19,511	21,139	-8.2	-2.2	Washington.....	630	13,095	15,330	16,045	-14.6	-4.5
	Huron.....	494	34,206	32,330	31,949	5.8	1.2	Wayne.....	413	24,497	25,584	25,408	-4.2	0.5
	Jackson.....	404	30,791	34,438	28,408	-10.1	20.6	Washington.....	630	45,422	48,245	42,380	-5.9	13.8
	Jefferson.....	407	65,423	44,357	39,415	47.5	12.5	Wayne.....	557	38,058	37,870	39,005	0.5	-2.9
	Knox.....	513	30,181	27,768	27,600	-8.7	0.6	Williams.....	411	25,198	24,953	24,817	1.0	0.2
	Lake.....	241	22,927	21,680	18,235	5.8	18.9	Wood.....	612	46,330	51,555	44,392	-10.1	16.1
	Lawrence.....	443	39,488	39,534	39,556	-0.1	-0.1	Wyandot.....	406	20,760	21,125	21,722	-1.7	-2.7

COUNTY.	Land area in square miles: 1910	POPULATION.				PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.				PER CENT OF INCREASE.	
		1910	1907	1900	1890	1907-1910	1900-1910			1910	1907	1900	1890	1907-1910	1900-1910
OKLAHOMA.	69,414	1,657,155	1,414,177	790,391	258,657	17.2	109.7	OKLAHOMA							
Grant ¹	584	10,535	9,115	.....	.....	15.6	.....	Grant ²	994	18,750	17,638	17,273	6.4	8.6
Alfalfa ¹	867	18,138	16,070	12.9	Greer ²	644	16,449	23,624	17,922	5,338	-30.4	-8.2
Atoka ¹	897	13,808	12,113	.....	.....	14.0	.....	Harmon ²	548	11,328	.....	.....	.....	.....
Beaver ¹	1,812	13,831	13,364	5,061	2,973	9.2	40.3	Harper ²	818	13,093	15,330	16,045	-14.6	-4.5	
Beckham ¹	917	19,699	17,758	.....	.....	10.9	.....	Haskell ²	615	18,875	16,865	.....	.....	11.9
Blaine ¹	931	17,960	17,227	10,658	.....	4.3	68.5	Hughes ²	855	24,040	19,945	.....	.....	20.5
Bryan ¹	928	29,854	27,865	.....	.....	7.1	.....	Jackson ²	778	23,737	17,057	.....	.....	38.9
Caddo ¹	1,377	35,685	30,241	.....	.....	18.0	.....	Jefferson ²	767	17,430	13,439	.....	.....	29.7
Cass ¹	891	23,501	23,110	15,981	7,158	16.9	47.1	Johnston ²	658	16,734	18,672	.....	.....	-10.4
Carter ¹	831	25,358	26,402	.....	.....	17.0	.....	Kay ²	934	26,960	24,752	22,550	.....	9.9
Cherokee ¹	791	16,778	14,274	.....	.....	14.5	.....	Kingsfisher.....	890	18,825	18,010	15,501	8,332	4.5
Choctaw ¹	790	21,862	17,340	.....	.....	26.1	.....	Kiowa ²	1,179	27,526	22,247	.....	.....	23.7
Cimarron ¹	1,849	4,553	5,927	.....	.....	-23.2	.....	Latimer ²	735	11,321	9,340	.....	.....	21.2
Cleveland ¹	554	18,843	18,400	16,388	6,605	2.1	15.0	Le Flore ²	1,614	29,127	20,678	.....	.....	18.0
Coal ¹	825	15,817	15,683	.....	.....	1.5	.....	Lincoln ²	939	34,779	37,293	27,007	.....	28.8
Comanche ¹	1,725	41,459	31,738	.....	.....	20.7	.....	Logan ²	739	31,740	30,711	26,563	12,770	3.4
Craig ¹	757	17,404	14,955	.....	.....	16.4	.....	Love ²	496	10,236	11,134	.....	.....	-8.1
Creek ¹	962	26,223	18,365	.....	.....	42.8	.....	McClain ²	562	15,659	12,888	.....	.....	21.5
Custer ¹	998	23,231	18,478	12,264	.....	25.7	89.4	McCurtain ²	1,897	20,681	13,198	.....	.....	56.7
Delaware ¹	794	11,469	9,876	.....	.....	16.1	.....	McIntosh ²	661	20,961	17,975	.....	.....	16.6
Dewey ¹	980	14,132	13,329	8,819	.....	10.0	60.2	Major ²	387	15,218	14,307	.....	.....	6.6
Ellis ¹	1,218	18,375	13,978	.....	.....	16.8	49.7	Marshall ²	419	13,619	13,134	.....	.....	-11.6
Garfield ¹	1,061	33,050	28,300	23,076	.....	16.5	.....	Mayes ²	676	13,596	11,064	.....	.....	22.9
Grady ¹	821	26,545	22,787	.....	.....	16.5	.....	Murray ²	424	12,744	11,948	.....	.....	6.7
Gavin ¹	1,024	30,309	23,420	.....	.....	29.4	.....	Muskogee ²	814	32,743	37,467	.....	.....	40.8

¹ State total includes population (13) specially enumerated in 1890, not distributed by counties.

² Special census of Oklahoma and Indian Territory, taken as of July 1, 1907, by order of the President.

³ State total includes population (13,873) of Kaw, Ki

ABSTRACT OF THE CENSUS—POPULATION.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.		POPULATION.					PER CENT OF INCREASE.		COUNTY.		POPULATION.					PER CENT OF INCREASE.	
COUNTY.	Land area in square miles: 1910	1910	1907	1900	1890	1907-1910	1900-1910	COUNTY.	Land area in square miles: 1910	1910	1907	1900	1890	1907-1910	1900-1910		
																OKLAHOMA—Con.	
Nowata ¹	734	14,945	14,198	14,015	.....	5.3	6.6	OKLAHOMA	1,135	12,861	13,239	6,190	.....	-2.9	167.8
Okfuskee ¹	586	14,233	10,453	.....	.....	36.1	.....	Con.	730	17,736	15,485	.....	.....	14.5	.....	
Okmulgee ¹	623	19,545	15,595	.....	.....	28.2	.....	Roger Mills ¹	633	19,964	14,687	.....	.....	35.9	.....	
Oklahoma.....	717	85,232	55,849	25,915	11,742	52.6	228.9	Seminole ¹	693	25,005	22,499	.....	.....	11.1	.....	
Osaee ¹	2,277	20,101	15,332	.....	.....	31.1	.....	Squavaha ¹	897	22,252	20,148	.....	.....	10.4	.....	
Ottawa ¹	477	15,713	12,827	.....	.....	22.5	.....	Stephens ¹	2,065	14,249	16,448	.....	.....	-13.4	.....	
Pawnee ¹	584	17,332	17,112	12,365	.....	1.3	40.2	Texas ¹	733	18,650	12,869	.....	.....	44.9	.....	
Payton ¹	678	23,753	22,022	20,909	7,215	7.8	13.5	Tillman ¹	565	34,965	21,693	.....	.....	61.3	.....	
Pittsburg ¹	1,370	47,650	37,677	.....	.....	26.5	.....	Tulsa ¹	545	22,080	19,529	.....	.....	13.1	.....	
Pontotoc ¹	728	23,531	23,057	.....	.....	5.5	.....	Washington ¹	425	17,484	12,813	.....	.....	36.5	.....	
Pottawatomie ¹	793	45,995	43,272	26,412	.....	0.7	65.1	Washita ¹	1,006	25,034	22,007	15,001	.....	13.8	66.9
Pushmataha ¹	1,430	10,118	8,295	.....	.....	22.0	.....	Woods ¹	1,253	17,567	15,517	34,975	.....	13.2	49.8
								Woodward ¹	1,233	16,562	14,595	7,469	.....	13.7	122.1	

COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.				PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900	
OREGON.....	95,607	672,765	413,536	317,704	62.7	30.2	PENNSYLVANIA							
Baker ¹	3,000	18,070	15,597	6,764	15.9	130.6	Clarion.....	601	36,633	30,243	36,802	6,9	-6.6	
Benton ¹	688	10,663	6,706	8,650	59.0	-22.5	Clearfield.....	1,142	93,768	80,614	69,562	16.3	15.9	
Clackamas.....	1,864	29,931	19,658	15,233	52.3	29.0	Columbia.....	878	31,545	29,197	28,685	8.0	1.8	
Clatsop.....	821	16,106	12,765	10,016	26.2	27.4	Crawford.....	479	48,467	39,896	36,832	21.5	8.3	
Columbia.....	662	10,580	6,237	5,191	69.6	20.3	Cumberland.....	1,038	61,565	63,643	65,324	-3.3	-2.6	
Coos.....	1,628	17,959	10,324	8,874	74.0	16.2	Dauphin.....	528	54,479	50,344	47,271	8.2	6.5	
Cook ¹	4,778	9,315	3,964	3,244	135.0	5.1	Delaware.....	521	136,152	114,443	96,977	19.0	18.0	
Curry.....	1,448	2,044	1,808	1,709	9.4	9.3	Delaware.....	185	117,906	94,762	74,683	24.4	26.9	
Douglas.....	4,922	19,674	14,565	11,864	35.1	22.8	Franklin.....	846	35,871	32,903	22,239	9.0	48.8	
Gilliam.....	1,201	3,701	3,201	3,600	15.6	-11.1	Erie.....	781	115,517	98,473	86,074	17.3	14.4	
Grant ¹	4,520	5,607	5,948	5,080	-5.7	17.1	Fayette.....	785	167,449	110,412	80,005	51.7	38.0	
Harney.....	9,933	4,059	2,598	2,559	56.2	1.5	Forest.....	423	9,435	11,039	8,482	-14.5	30.1	
Hood River.....	543	8,016	.....	.....	.....	.....	Franklin.....	751	59,775	54,902	51,433	8.9	6.7
Jackson.....	2,836	25,756	13,668	11,455	88.0	19.6	Fulton.....	402	9,703	9,924	10,137	-2.2	-2.1	
Josephine.....	1,761	9,867	7,517	4,878	27.3	54.1	Greene.....	574	28,852	28,281	28,935	2.1	-2.3	
Klamath.....	5,999	8,554	3,970	2,444	115.5	91.0	Huntingdon.....	918	35,394	34,650	35,751	10.5	-3.1	
Lake.....	7,920	4,658	2,847	2,604	63.6	9.3	Juniata.....	829	66,210	42,556	42,175	55.6	0.9	
Lane.....	4,612	33,783	19,694	15,198	72.3	29.0	Jefferson.....	665	63,690	59,113	44,005	6.7	34.3	
Lincoln.....	1,008	5,887	3,575	5,639	56.3	.....	Lackawanna.....	392	15,013	16,054	16,055	-6.5	-6.6
Linn.....	2,243	22,662	18,603	16,265	21.8	14.4	Lancaster.....	451	259,570	193,831	142,068	33.9	36.4	
Malheur.....	9,883	8,601	4,203	2,601	104.6	61.6	Lawrence.....	941	167,029	159,241	149,095	4.9	6.8	
Marion.....	1,194	39,780	27,713	22,934	43.5	20.8	Lebanon.....	360	70,032	57,042	37,517	22.8	62.0	
Morrow.....	2,025	4,357	4,151	4,205	5.0	-1.3	Lehigh.....	340	59,565	53,827	48,131	10.7	11.8	
Multnomah.....	4,651	226,261	103,167	74,854	119.3	3.8	Luzerne.....	344	118,532	93,893	76,631	26.6	22.5	
Polk.....	709	13,469	9,923	7,858	55.7	24.3	Lycoming.....	892	345,186	257,121	201,203	33.5	27.8	
Sherman ¹	836	4,242	3,477	1,792	22.0	94.0	Mckean.....	1,220	80,813	75,893	70,579	6.8	7.2	
Tillamook ¹	1,125	6,296	4,471	2,932	40.1	52.5	Merger.....	987	47,898	51,343	46,863	-6.8	9.6	
Umatilla.....	3,173	20,309	18,049	13,381	12.5	24.4	Millersburg.....	700	77,699	57,887	55,741	35.4	2.9	
Union.....	2,057	16,191	16,070	12,044	0.8	33.8	Monroe.....	398	25,785	23,160	19,996	20.0	15.8	
Wallowa.....	3,145	8,364	5,338	3,661	51.0	51.3	Montgomery.....	623	22,941	21,161	20,111	8.4	5.2	
Wasco ¹	2,343	16,336	13,199	9,183	23.8	40.7	Montour.....	484	169,590	138,995	123,290	22.0	12.7	
Washington.....	731	21,622	14,497	11,972	48.8	20.8	Montour.....	130	14,868	15,526	15,645	-4.2	-0.8	
Wheeler ¹	1,704	2,484	2,443	.....	1.7	.....	Northampton.....	372	127,667	99,687	84,220	28.1	18.4
Yamhill.....	714	18,285	13,420	10,662	36.3	23.2	Northumberland.....	454	114,420	90,911	74,698	22.6	21.7	
							Perry.....	564	24,136	26,263	26,276	-8.1	(^c)	
PENNSYLVANIA. 44,832	7,665,111	6,302,115	5,258,113	21.6	19.9		Philadelphia.....	133	1,949,008	1,293,697	1,046,964	19.7	23.6	
Adams.....	528	34,319	34,496	33,486	-0.5	3.0	Pike.....	544	8,033	8,766	9,412	-8.4	-6.9	
Allegheny.....	725	1,018,463	775,058	551,959	31.4	40.4	Potter.....	1,071	29,729	30,621	22,778	-2.9	54.4	
Armstrong.....	653	67,880	62,551	46,747	29.2	12.4	Schuylkill.....	777	207,894	172,927	154,163	20.2	12.2	
Beaver.....	429	78,533	35,432	50,077	33.8	12.7	Snyder.....	311	16,800	17,304	17,651	-2.9	2.0	
Bedford.....	1,626	38,879	39,468	38,644	-1.5	2.1	Somerset.....	1,034	67,717	49,461	37,317	36.9	32.5	
Berks.....	865	183,222	159,615	137,327	14.8	16.2	Sullivan.....	458	11,293	12,134	11,620	-6.9	4.4	
Blair.....	594	168,858	85,099	70,864	27.9	20.1	Susquehanna.....	524	37,746	40,043	40,993	-5.7	-0.1	
Bradford.....	1,145	54,525	59,403	59,233	-8.2	0.3	Tioga.....	1,142	42,829	49,086	52,313	-12.7	-6.2	
Bucks.....	608	76,530	71,190	70,615	7.5	0.8	Union.....	305	16,249	17,692	17,820	-7.6	-1.3	
Butler.....	790	72,689	56,962	55,359	27.6	27.9	Venango.....	661	56,359	49,648	46,640	13.5	6.4	
Cambria.....	717	166,131	104,837	66,375	58.5	5.9	Warren.....	902	39,573	38,946	37,585	1.6	3.4	
Cameron.....	392	7,644	7,048	7,238	8.5	-2.6	Washington.....	862	145,680	92,181	71,153	63.9	28.5	
Carbon.....	406	52,840	44,510	38,624	18.7	15.2	Wayne.....	739	29,236	30,171	31,010	-3.1	-2.7	
Center.....	1,146	43,424	42,891	43,269	1.2	-0.9	Westmoreland.....	1,039	231,304	160,175	112,819	44.4	42.0	
Chester.....	777	109,213	95,685	89,377	14.1	7.1	Wyoming.....	897	15,509	17,152	15,891	-5.6	7.0	
							York.....	903	136,405	116,413	99,489	17.6	17.0	

¹ For changes in boundaries, etc., of counties, see page 53.
² State total includes population (3,937) of Indian reservations specially enumerated in 1890, not distributed by counties.
³ See headnote to table, page 32.
⁴ State total includes population (90) of Indian reservations specially enumerated in 1890, not distributed by counties.
⁵ A decrease of less than one-tenth of 1 per cent.

POPULATION OF COUNTIES.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		Land area in square miles: 1910	POPULATION.	PER CENT OF INCREASE.				
		1910	1900	1890	1910-1900	1890-1900			1900-1910	1890-1900			
RHODE ISLAND.	1,067	542,610	428,556	345,560	26.6	24.0	SOUTH DAKOTA						
Bristol.....	24	17,002	13,144	11,428	33.9	15.0	Con.						
Kent.....	174	36,378	29,076	26,754	21.4	12.0	Douglas.....	435	6,400	5,012	4,600	27.7	9.0
Newport.....	114	39,335	32,599	28,552	20.7	14.2	Edmunds.....	1,158	7,654	4,916	4,399	55.7	11.8
Providence.....	430	434,353	328,683	255,123	29.1	28.8	Fall River.....	1,756	7,763	3,541	4,478	119.2	-20.9
Washington.....	325	24,942	24,154	23,649	3.3	2.1	Faulk.....	1,015	6,716	3,547	4,082	83.3	-12.7
							Grant.....	691	10,303	9,103	6,814	13.2	33.6
S. CAROLINA	30,495	1,515,400	1,340,316	1,151,149	13.1	16.4	Gregory ¹	1,032	13,061	2,211	295	490.7	649.5
Abbeville ¹	678	34,804	33,400	40,554	4.2	-28.7	Hamlin.....	520	7,475	5,945	4,025	25.7	28.5
Aiken.....	1,100	41,849	39,032	31,822	7.2	22.7	Hann.....	1,426	7,870	4,525	6,546	73.9	-39.0
Anderson.....	758	69,508	56,728	43,696	24.8	37.5	Hanson.....	432	6,237	4,947	4,267	26.1	15.9
Bamberg ¹	371	18,544	17,296	17,296	7.2	—	Harding ¹	2,682	4,228	—	—	—	—
Barnwell.....	890	34,209	35,594	44,613	-3.6	-20.4	Hughes.....	759	6,271	3,684	5,044	70.2	-27.0
Beaufort.....	920	30,355	35,495	34,119	-14.5	4.0	Hutchinson.....	817	12,319	11,897	10,469	3.5	13.6
Berkley ¹	1,288	23,487	20,454	55,428	-22.9	-45.1	Hyde.....	866	3,307	1,492	1,860	121.6	-14.8
Calhoun.....	811	16,634	—	—	—	—	Jorauld.....	531	5,120	2,798	3,665	83.0	-22.4
Charleston ¹	685	88,594	88,006	59,903	0.7	46.9	Kingsbury.....	814	12,360	9,866	8,462	27.3	15.2
Charoeeke ¹	373	26,179	21,359	—	22.6	—	Lake.....	562	10,711	9,137	7,508	17.2	21.7
Chester.....	592	29,425	28,616	26,600	2.8	7.3	Lawrence.....	797	19,694	17,897	11,073	10.0	53.3
Chesterfield.....	837	26,301	20,401	18,468	28.9	10.5	Lincoln.....	574	12,712	12,161	9,143	4.5	33.0
Clarendon.....	717	32,188	28,154	23,243	14.2	21.3	Lyman ¹	2,625	10,448	6,232	2,233	312.2	507.7
Colleton.....	1,833	35,333	33,682	30,134	5.8	17.8	McCook.....	573	9,589	8,689	6,448	10.4	34.8
Darlington ¹	695	36,027	32,588	29,134	11.2	11.2	McPherson.....	1,157	6,791	6,327	5,940	7.3	6.5
Dillon ¹	471	22,615	—	—	9.8	—	Marshall.....	889	8,021	5,942	4,544	30.8	30.8
Dorchester ¹	613	17,891	16,100	16,100	11.0	-48.3	Meade ¹	3,491	12,640	4,907	4,640	157.6	5.8
Fairfield.....	792	29,442	29,425	28,599	0.1	2.9	Mellette ¹	1,228	1,700	1,700	1,700	—	—
Florence ¹	607	35,671	28,474	25,027	25.3	13.8	Miner.....	648	7,661	5,884	5,165	30.6	15.5
Georgetown.....	828	22,270	22,846	20,857	-2.5	9.5	Mimcaba.....	815	29,631	23,926	21,879	23.8	9.4
Greenlee.....	761	68,377	53,490	44,310	27.8	20.7	Moody.....	2,727	8,605	8,326	5,941	4.4	40.1
Greenwood ¹	508	34,225	28,343	—	20.8	—	Pennington ¹	522	12,453	5,610	6,340	122.0	-14.2
Hampton.....	958	25,126	23,738	20,544	8.8	15.5	Perkins ¹	2,914	11,348	2,988	2,910	49.5	2.7
Hampton.....	1,188	26,995	23,564	19,256	15.5	21.3	Potter.....	898	4,406	2,918	2,910	49.5	2.7
Kershaw ¹	673	27,094	24,696	22,361	9.7	10.4	Roberts.....	1,111	14,897	12,216	1,997	21.9	511.7
Lancaster.....	315	26,630	24,011	17,701	9.6	47.1	Sanborn.....	576	6,607	4,464	4,610	48.0	-3.2
Lee ¹	407	41,550	37,382	31,610	9.1	18.3	Schnasse.....	836	(²)	(²)	(²)	—	—
Lexington ¹	833	32,040	27,264	22,181	17.5	22.9	Shannon.....	994	15,981	1,457	10,581	68.5	-10.3
Marion ¹	529	20,596	35,181	29,976	-41.5	17.4	Stanley ¹	1,311	14,975	1,341	1,028	1,016.7	30.4
Marlboro.....	519	31,189	27,639	23,500	12.8	17.6	Sterling.....	249	252	(²)	96	—	—
Newberry ¹	601	34,586	30,182	26,434	14.6	14.2	Sully.....	1,058	2,462	1,715	2,412	43.6	-28.9
Oconee.....	650	27,337	23,634	18,087	15.7	26.5	Todd ¹	1,279	2,164	—	—	—	—
Orangeburg ¹	1,131	55,883	59,663	49,393	-6.3	20.8	Tripp ¹	1,629	8,323	8,323	—	—	—
Pickens.....	529	25,422	19,375	16,389	31.2	18.2	Turner.....	617	13,840	13,175	10,256	25.5	3.5
Richland.....	611	55,143	45,389	36,821	21.0	23.8	Union ¹	452	10,676	11,153	9,130	-4.3	22.2
Saluda.....	435	20,943	18,960	16,960	10.4	—	Walworth.....	742	6,488	3,839	2,153	69.0	78.3
Spartanburg ¹	765	83,465	65,560	55,385	27.3	18.4	Washbaugh.....	1,146	(²)	(²)	(²)	40	—
Sumter ¹	574	38,472	51,237	43,605	-24.9	17.5	Washington.....	1,157	(²)	(²)	(²)	—	—
Union ¹	492	29,911	25,501	25,363	17.3	0.5	Yankton.....	523	13,135	12,649	10,444	3.8	21.1
Williamsburg ¹	1,006	37,626	31,685	27,777	18.8	14.1	Pine Ridge Indian Reservation ³	(⁴)	6,107	6,827	—	-3.2	—
York ¹	651	47,718	41,684	38,331	14.5	7.3							
SOUTH DAKOTA.	76,868	668,888	401,570	348,800	45.4	15.2	TENNESSEE.	41,687	2,184,739	2,020,616	1,767,518	8.1	14.3
Armstrong.....	1,419	647	8	34	—	—	Anderson.....	337	17,717	17,634	15,128	0.5	16.6
Aurora.....	719	6,143	4,011	5,045	53.2	-20.5	Bedford.....	514	22,667	23,845	24,739	-4.9	-3.6
Beadle.....	1,250	15,776	8,081	9,586	95.2	-15.7	Benton.....	456	12,452	11,888	11,230	4.7	5.9
Bennett ¹	1,291	496	—	—	—	—	Bledsoe.....	791	6,329	6,626	6,134	-4.5	8.0
Bonhomme.....	573	11,061	10,379	9,057	6.6	20.6	Blount.....	371	20,809	19,206	17,589	8.8	9.2
Brookings.....	731	14,178	12,561	10,132	12.9	24.0	Bradley.....	336	16,336	15,759	13,607	3.7	15.8
Brown.....	1,750	25,867	15,286	16,855	69.2	-9.3	Campbell.....	404	27,387	17,317	13,486	58.2	2.4
Burke.....	857	5,461	6,735	19,414	-19.4	-32.8	Cannon.....	298	10,825	12,121	12,137	-10.7	-0.6
Butte ¹	2,289	4,993	2,907	1,037	71.8	180.3	Carroll.....	519	23,971	24,250	23,630	-1.2	2.6
Campbell.....	774	5,244	4,527	3,510	15.8	29.0	Carter.....	353	19,838	16,688	13,389	18.9	24.6
Charles Mix.....	1,134	14,899	8,498	4,178	75.3	103.4	Cheatham.....	314	15,540	10,112	8,845	4.2	14.3
Clark.....	974	10,901	6,942	6,728	57.0	3.2	Chester.....	418	9,090	9,896	9,069	-8.1	9.1
Clay.....	463	8,711	9,316	7,509	-6.5	24.1	Claborn.....	468	23,504	20,696	15,153	13.6	37.0
Codington.....	701	14,062	8,770	7,037	60.7	24.6	Clay.....	253	9,069	8,421	7,260	7.0	16.0
Corsair.....	2,526	5,629	—	—	—	—	Cocke.....	427	19,399	19,153	16,523	1.3	15.9
Custer.....	1,573	4,458	2,728	4,894	63.4	-44.2	Coffee.....	443	15,625	15,574	13,827	0.3	12.6
Davison.....	432	11,625	7,483	5,449	55.4	37.3	Crockett.....	267	16,076	15,867	15,146	1.3	4.8
Day.....	1,061	14,372	12,254	9,168	17.3	33.7	Cumberland.....	655	9,327	8,311	5,376	12.2	54.6
Deuel.....	632	7,768	6,656	4,574	16.7	45.5	Davison.....	511	149,478	122,815	108,174	21.7	13.5
Dewey.....	1,907	1,145	(⁵)	(⁵)	—	—	Decatur.....	288	10,333	10,333	8,995	-3.3	10.1
							DeKalb.....	311	15,434	16,160	15,650	-6.2	5.2
							Dickson.....	549	19,385	13,635	13,645	7.1	36.6
							Dyer.....	500	20,721	23,776	19,878	16.6	19.6
							Fayette.....	618	30,257	29,701	28,878	1.9	2.8
							Fentress.....	486	7,446	6,106	5,226	21.9	10.8

¹ For changes in boundaries, etc., of counties, see page 53.
² State total includes population (9,216) of Cheyenne River and Rosebud Indian Reservations and part of Standing Rock Indian Reservation, not returned by counties in 1900.
³ State total includes population (19,792) specially enumerated in 1890, not distributed by counties; also population (1,361) of Choteau, Ewing, Harding, Martin, DeLano, Sookley, Jackson, Ziebach, Nowlin, Pratt, Fresno, and old Todd Counties, annexed to Butte, Meade, Stanley, Lyman, Gregory, and Pennington Counties between 1890 and 1900.
⁴ Exclusive of population of part in Pine Ridge Indian Reservation, not returned by counties.
⁵ See headnote to table, page 32.
⁶ Not returned separately.
⁷ For 1910 comprises the unorganized counties of Shannon and Washington, and parts of Bennett and Washbaugh, for which the population was not returned separately.
⁸ Total land area within the limits of Pine Ridge Indian Reservation, 4,374 square miles, comprising Shannon, Washington, and parts of Bennett and Washbaugh Counties, included under the respective counties.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.		POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
COUNTY.	Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
TENNESSEE—													
Con.													
Franklin	575	20,491	20,392	18,929	0.5	7.7	Armstrong	903	2,682	1,205	944	122.6	27.6
Gibson	633	41,630	39,408	35,589	5.6	9.9	Atascosa	1,358	10,004	7,143	6,459	-4.1	10.6
Giles	628	32,629	33,035	34,957	-1.2	-5.5	Austin	728	17,099	20,676	17,859	-10.4	15.8
Grainger	307	13,588	15,512	13,196	-10.5	17.6	Bailey	1,030	312	4	4	.....	.....
Greene	613	31,083	30,596	26,614	1.6	15.0	Bandera	983	4,921	5,342	3,795	-7.7	40.5
Grundy	375	8,322	7,802	6,345	6.7	23.0	Bastrop	867	25,344	26,845	20,796	-5.6	29.5
Hamblen	158	13,650	12,728	11,418	7.2	11.5	Baylor	880	8,411	3,052	2,585	175.6	17.6
Hamilton	409	89,267	61,495	53,482	44.7	15.4	Bell	1,063	12,090	10,370	3,723	60.6	107.5
Hancock	228	10,778	11,147	10,342	-3.3	7.8	Bell	1,063	49,186	45,535	33,377	8.0	36.4
Hardeman	697	23,011	22,976	21,029	0.2	9.3	Bexar	1,263	119,676	69,422	49,266	72.4	40.9
Hardin	582	17,521	19,246	17,608	-9.0	8.7	Blanco	750	4,311	4,703	4,649	-8.3	1.2
Hawkins	482	23,527	24,267	22,246	-2.8	9.1	Borden	855	1,386	776	222	78.6	249.5
Haywood	508	25,910	25,169	23,558	2.9	6.9	Bosque	975	19,013	17,390	14,224	9.3	22.3
Henderson	536	17,630	18,117	16,366	-6.0	10.1	Bowie	873	34,827	26,676	20,267	34.6	66.6
Henry	626	25,434	24,308	21,070	5.1	14.9	Brazoria	1,340	13,299	14,861	11,506	-9.5	29.2
Hickman	570	16,527	16,367	14,499	1.0	12.9	Brazos	597	18,919	18,859	16,650	0.3	13.3
Houston	197	6,224	6,476	5,390	-3.9	20.1	Brewster	5,320	2,320	2,556	710	121.6	231.8
Humphreys	451	13,908	13,398	11,720	3.8	14.3	Briscoe	963	2,162	1,253	710	72.5	.....
Jackson	301	15,036	15,039	13,325	(?)	12.9	Brown	956	22,935	16,019	11,421	43.2	40.3
James	165	5,210	5,407	4,903	-3.6	10.3	Burleson	684	18,687	18,367	13,001	1.7	41.3
Jefferson	312	17,755	18,590	16,478	-4.5	12.8	Burnet	924	10,755	10,528	10,747	2.2	-2.0
Johnson	294	13,191	10,589	8,858	24.6	19.5	Caldwell	511	24,237	21,765	15,769	11.4	38.0
Knox	504	94,187	74,302	59,557	26.8	24.8	Calhoun	563	3,635	2,395	845	51.8	193.9
Lake	122	8,704	7,268	5,304	13.1	38.9	Calmar	854	12,973	8,768	5,457	48.0	63.7
Lauderdale	456	21,105	21,971	18,756	-3.9	17.1	Cameron	2,434	27,158	16,695	14,424	68.7	11.6
Lawrence	611	17,569	15,402	12,286	14.1	25.4	Camp	207	9,351	9,146	6,624	4.4	38.1
Lewis	137	16,033	14,435	12,555	35.9	74.4	Carlson	573	21,835	21,835	15,469	353.5	.....
Lincoln	587	25,908	26,304	27,382	-1.5	-3.9	Cass	957	27,587	22,841	22,554	20.8	1.3
Loudon	219	13,612	10,838	9,273	25.6	16.9	Castro	806	1,850	400	9	362.5	.....
McMinn	432	21,046	19,163	17,890	9.8	7.1	Chambers	618	4,234	3,046	2,241	39.0	35.9
McNairy	588	16,356	17,760	15,510	-7.9	14.5	Cherokee	1,049	29,038	25,154	22,975	15.4	9.5
Macon	286	14,559	12,881	10,878	13.0	18.4	Chickasaw	1,733	9,538	23,138	1,175	346.1	82.0
Madison	552	39,357	36,333	30,497	8.3	19.1	Clay	1,158	17,043	9,231	7,603	84.6	23.0
Marion	504	18,830	15,411	13,181	12.1	12.1	Cochran	269	15	25	15	.....	.....
Marshall	378	16,872	15,763	18,906	-10.1	-0.8	Coke	931	6,412	3,430	2,059	86.9	66.6
Maury	582	40,456	42,703	38,112	-5.3	12.0	Coleman	1,290	22,613	10,077	6,112	124.5	64.9
Meigs	199	6,131	7,491	6,930	-18.2	8.1	Colton	873	59,021	59,087	36,739	-2.1	36.3
Monroe	673	20,716	18,585	15,329	11.5	21.2	Collingsworth	898	5,224	1,233	357	323.7	245.4
Montgomery	516	33,672	36,017	29,697	-6.5	21.3	Colorado	927	18,997	22,203	19,512	-14.9	13.8
Moore	141	4,800	5,706	5,975	-15.9	-4.5	Comal	559	8,434	7,098	6,398	20.3	9.5
Morgan	529	11,458	9,587	7,639	19.5	25.5	Comanche	948	27,186	23,009	15,608	18.2	47.4
Obion	446	29,946	28,266	27,273	5.9	3.7	Concho	918	6,654	1,427	1,065	366.3	34.0
Overtown	552	15,854	13,383	12,039	18.7	10.9	Cooke	902	26,603	27,494	24,696	-3.2	11.3
Perry	167	8,416	8,891	7,785	8.2	13.0	Cooper	1,085	21,703	21,598	16,873	4.9	26.3
Pickett	162	5,087	5,366	4,736	-5.2	13.3	Cottle	1,012	4,396	1,002	240	338.7	317.5
Polk	432	14,116	11,357	8,361	24.3	35.8	Crane	878	331	51	15	.....	.....
Pittman	404	20,023	16,890	13,683	18.5	23.4	Crockett	3,215	1,296	1,591	191	-18.5	720.1
Rhea	365	15,410	14,318	12,647	7.6	13.2	Crosby	870	1,765	788	346	124.0	127.7
Roane	388	22,860	22,738	17,418	0.5	30.5	Dallam	1,532	4,001	146	112	2,640.4	30.4
Robertson	455	25,466	25,029	20,078	1.7	24.7	Dallas	859	135,748	82,726	67,042	64.1	23.4
Rutherford	614	33,199	33,543	35,097	-1.0	-4.4	Dawson	903	2,320	37	29	.....	.....
Scott	550	12,947	11,077	9,794	16.9	13.1	De Witt	1,879	23,501	21,311	14,307	10.3	49.0
Seelye	264	4,302	3,326	3,027	26.3	9.9	Deaf Smith	1,549	3,942	1,843	179	307.6	370.9
Sevier	587	22,266	22,021	18,701	2.3	11.7	Delta	952	14,566	15,249	9,147	-1.5	67.3
Shelby	801	191,439	153,557	112,740	24.7	36.2	Denton	959	31,253	28,318	21,289	10.4	33.0
Smith	296	18,548	19,026	18,494	-2.5	3.4	Dickens	881	3,092	1,151	295	168.6	290.2
Stewart	449	14,860	15,224	12,193	-2.4	24.9	Dixie	1,300	3,460	1,106	1,049	212.8	5.4
Sullivan	426	28,120	24,935	20,879	12.8	19.4	Donley	926	5,284	2,756	1,056	91.7	161.0
Sumner	558	25,621	26,072	23,668	-1.7	10.2	Duval	1,965	8,964	8,483	7,598	5.7	11.6
Tipton	442	29,459	29,273	24,271	0.6	20.6	Elandria	925	23,421	17,911	10,373	30.3	73.2
Trousdale	106	5,874	6,004	5,850	-2.2	2.6	Ector	822	1,178	381	224	209.2	70.1
Unicoi	201	7,201	5,851	4,619	23.1	26.7	Edwards	931	5,768	3,108	1,970	21.2	57.8
Union	235	11,414	12,894	11,459	-11.5	12.5	Ellis	930	52,689	24,806	15,678	111.4	44.4
Van Buren	293	2,784	3,126	2,863	-10.9	9.2	Erath	1,083	53,629	50,059	31,774	7.1	57.5
Warren	423	16,534	16,410	14,413	0.8	13.9	Erath	1,083	32,095	29,966	21,594	7.1	38.8
Washington	325	28,968	22,024	20,354	28.9	11.4	Falls	1,745	35,649	33,342	20,706	6.9	61.0
Wayne	749	12,062	12,956	11,471	-6.8	12.8	Fannin	938	44,801	51,793	38,709	-13.5	33.8
Weakley	580	31,919	32,546	28,955	-1.9	12.4	Fayette	868	29,796	36,542	31,481	-18.5	16.1
White	545	14,637	14,637	12,448	14.8	14.8	Floyd	883	32,996	32,708	2,996	.....	.....
Williamson	586	24,213	26,429	26,321	-8.4	0.4	Foard	1,012	4,638	2,020	529	120.6	281.9
Wilson	613	25,394	27,078	27,148	-6.2	-0.3	Fort	612	5,726	1,608	265.2	.....	.....
							Fort Bend	792	18,168	16,638	10,586	9.9	56.2
							Franklin	289	9,331	8,674	6,481	7.6	33.8
							Freestone	882	29,557	18,010	15,987	8.7	35.3
							Frio	1,214	3,895	4,200	3,112	111.8	18.0
TEXAS													
	262,398	3,896,642	3,048,710	2,235,527	27.8	36.4	Galveston	1,540	1,265	55	68	.....	.....
Anderson	938	29,650	28,015	20,923	5.3	33.9	Galveston	1,540	44,479	44,479	31,474	8.8	40.2
Andrews	1,567	9,407	8,637	6,306	31.8	113.8	Garza	870	1,995	185	14	97.8	.....
Angelina	240	17,705	13,491	6,306	31.3	113.8	Gillespie	1,109	9,447	8,229	7,056	14.8	16.6
Aransas	240	2,106	1,716	1,824	22.7	-5.9	Glasscock	866	1,143	286	208	299.7	37.5
Archer	872	6,523	2,608	2									

POPULATION OF COUNTIES.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1909-1910	1890-1900
TEXAS—Con.													
Goliad	799	9,909	8,310	5,910	19.2	40.6	Motley	1,030	2,396	1,257	139	90.6	804.3
Gonzales	1,020	28,055	28,882	18,016	-2.9	60.3	Nacogdoches	1,050	27,406	24,063	15,984	11.1	54.2
Gray ¹	899	9,305	489	203	609.4	136.5	Navarro	1,060	47,070	43,374	26,373	8.5	64.8
Grayson	942	65,996	63,061	53,211	3.7	19.6	Newton	889	10,850	7,282	4,650	49.0	56.6
Gregg	312	14,140	12,345	9,402	14.6	31.3	Nolan	880	11,999	2,611	1,573	339.6	66.0
Grimes	812	21,205	26,106	21,312	-18.8	22.5	Nueces	2,275	21,955	10,439	8,093	110.3	29.0
Groesbeke	703	24,913	21,385	15,217	16.5	40.5	Ochiltree	891	1,602	267	198	500.0	34.8
Hays	1,046	7,966	1,040	721	330.4	0.0	Oldham	1,543	812	349	270	132.7	29.3
Hall	901	8,279	1,670	703	395.7	137.6	Orange	363	9,528	5,905	4,770	61.4	23.8
Hamilton	833	15,315	13,520	9,133	13.3	45.2	Palo Pinto	958	19,506	12,291	8,320	58.7	47.7
Hansford	882	935	167	133	459.9	25.6	Panola	842	20,424	21,404	14,328	-4.6	49.4
Harris	751	11,213	3,634	3,904	208.6	-6.9	Parker	875	26,331	25,823	21,682	-2.0	19.1
Hardin	862	12,947	5,049	3,956	156.4	27.6	Parmer ¹	902	1,555	24	7		
Harris	1,654	115,093	63,786	37,249	81.4	71.2	Pecos	4,134	2,071	2,310	1,329	-12.2	78.0
Harrison	872	37,343	31,878	26,721	16.8	19.3	Polk	1,217	17,459	14,447	10,332	20.8	39.8
Hartley	1,507	1,298	377	252	244.3	49.6	Potter	934	12,424	1,820	840	382.6	114.4
Haskell	923	16,249	2,637	1,065	516.2	58.4	Presidio	937	5,218	3,673	1,698	42.1	116.3
Haskell	623	15,318	14,142	11,352	6.7	24.8	Rains	277	6,757	6,127	3,904	10.8	52.7
Hempfling	873	3,170	815	519	289.0	57.0	Randall	3,812	3,312	963	187	243.9	415.0
Henderson	946	20,131	19,970	12,255	0.8	62.6	Reagan ¹	1,071	392				
Hidalgo	2,276	13,728	6,837	6,534	100.8	4.6	Red River	1,039	28,564	29,893	21,452	-4.4	39.3
Hill	960	46,760	41,355	27,583	13.1	49.9	Reeves	2,781	4,392	1,847	1,247	137.8	48.1
Hockley	807	137	44				Refugio	740	2,814	1,641	1,239	71.5	32.4
Hood	405	10,008	9,146	7,614	9.4	20.1	Roberts	882	900	620	326	53.2	90.2
Hopkins	813	31,038	27,950	20,572	11.0	35.9	Robertson	872	27,450	31,490	26,506	-12.8	18.8
Houston	1,231	29,564	25,452	19,360	16.2	31.5	Rockwall	149	8,072	8,551	5,972	-5.4	42.8
Howard	891	8,881	2,528	1,210	251.3	108.9	Ruess	1,063	20,858	5,379	3,193	287.8	68.5
Hunt	1,805	49,116	47,239	31,885	1.7	38.3	Rusk	883	26,946	26,059	18,559	3.2	40.6
Hutchinson ¹	879	892	303	58	194.4	4.0	Sabine	889	8,862	6,394	4,969	34.2	26.7
Iron	998	1,283	848	570	51.3	-2.5	San Augustine	622	11,524	8,434	6,688	33.6	28.1
Jack	962	11,817	10,224	9,740	15.6	5.0	San Jacinto	602	9,542	10,277	7,360	-7.2	39.6
Jackson	803	6,471	6,094	3,281	6.2	85.7	San Patricio	676	6,207	2,372	1,312	208.1	80.8
Jasper	978	1,678	7,138	5,592	96.1	27.6	San Saba	1,116	11,245	7,569	6,641	48.6	14.0
Jeff Davis	2,263	14,000	1,150	1,394	45.9	-17.5	Schleicher ¹	1,387	1,893	515	155	267.6	232.3
Jefferson	920	38,182	14,399	6,837	168.2	143.1	Seely	887	10,924	4,168	1,418	162.7	195.9
Johnson	740	34,460	33,819	22,313	1.9	51.6	Shackelford	947	4,201	2,461	2,012	70.7	22.3
Jones	922	24,299	7,653	3,797	244.5	88.8	Shelby	333	26,423	20,452	14,065	29.2	42.4
Jones	932	18,942	8,181	3,837	72.1	188.7	Sherman	655	6,376	104	34	1,223.1	
Kaufman	834	35,323	33,376	21,598	5.8	54.5	Smith	930	41,746	37,370	28,324	11.7	31.9
Kendall	598	4,517	4,103	3,826	10.1	7.2	Somervell	184	3,931	3,498	3,419	12.4	2.3
Kent	875	2,655	899	324	195.3	177.5	Starr	2,655	13,151	11,469	10,749	14.7	6.7
Kerr	1,197	5,595	4,960	4,462	10.5	11.6	Stephens	925	7,980	6,466	4,926	23.4	31.3
Kimble	1,311	3,261	2,503	2,343	30.3	11.6	Sterling ¹	948	1,493	1,127		32.5	
King	867	810	490	173	65.3	183.2	Stonewall	852	5,292	2,183	1,024	143.7	113.2
Kinney	1,312	3,491	2,447	3,781	39.0	-35.3	Sutton	1,521	1,509	1,727		-9.1	162.5
Knox ¹	802	9,625	2,322	1,134	514.5	104.8	Swisher	898	4,012	1,227	100	227.0	1,127.0
La Salle	1,501	4,747	2,303	2,139	106.1	7.7	Tarrant	903	108,572	52,376	41,142	107.3	27.3
Lamar	945	46,444	46,027	37,302	-4.3	39.4	Taylor	908	26,233	19,496	6,857	136.4	59.9
Lamb ¹	1,022	540	31	4			Terrell ¹	2,635	1,430				
Lampasas	740	9,532	8,525	7,584	10.5	13.7	Terry ¹	1,479	48	21			
Lavaca	950	26,148	28,121	21,887	-6.1	28.5	Throckmorton	879	4,563	1,750	902	160.7	94.0
Lee	562	13,132	14,595	11,952	-10.0	22.1	Titus	398	16,422	12,292	8,190	33.6	50.1
Leon	1,101	16,583	18,072	13,841	-8.2	30.6	Tom Green ¹	1,004	17,882	6,804	5,152	162.8	32.1
Liberty	1,160	10,680	8,102	4,230	31.9	91.5	Travis	1,044	55,620	47,880	30,322	17.4	30.5
Limestone	674	34,621	32,578	21,678	6.3	50.0	Trinity	918	12,768	10,976	7,948	16.3	43.5
Lipscomb	888	2,534	790	632	233.4	25.3	Tyler	906	10,250	11,899	10,877	-13.9	9.4
Live Oak	1,116	3,442	2,328	2,055	51.8	10.4	Upshur	690	10,900	16,206	12,035	22.7	28.1
Llano	971	6,520	7,301	6,772	-10.7	7.8	Upton	1,185	7,501	7,418	48		
Loving	753	249	33				Uvalde	1,589	11,263	4,647	3,804	141.7	22.2
Lubbock	868	3,624	293	33	1,136.9		Val Verde	3,083	8,613	5,263	2,874	63.7	83.1
Lynn ¹	864	1,713	17	24			Van Zandt	321	25,651	25,481	16,225	0.7	87.0
McCulloch	1,073	13,405	3,960	3,217	238.5	23.1	Victoria	890	14,990	13,678	8,737	9.6	56.6
McLennan	1,049	73,250	59,772	39,204	22.5	52.5	Walker	741	16,061	15,813	12,874	1.6	22.8
McLennan	1,301	1,004	1,004	1,004	6.5	-1.3	Wall	519	12,138	14,246	10,888	-14.8	30.8
Madison	405	10,318	10,432	8,512	-1.1	22.6	Ward	827	2,389	1,451	77	64.6	
Marion	391	10,472	10,754	10,862	-2.6	-1.0	Washington	628	25,561	32,931	29,161	-22.4	12.9
Marion	904	1,549	332	302	318.3	31.3	Webb	3,219	22,503	21,831	14,832	3.0	47.2
Mason	969	5,683	5,573	5,180	2.0	7.6	Wharton	1,112	21,123	16,942	7,684	24.7	123.4
Matagorda	1,136	13,594	6,097	3,985	123.0	53.0	Wheeler	805	5,258	636	778	726.7	-18.3
Maverick	1,251	5,151	4,066	3,698	26.7	10.0	Wichita	604	16,094	5,806	4,831	177.2	20.2
Medina	1,353	13,415	7,783	5,730	72.4	35.8	Willbarger	928	12,000	5,759	7,092	108.4	-18.8
Menard	914	2,707	2,011	1,215	34.6	65.5	Williamson	1,129	42,228	38,072	25,909	10.9	46.9
Miland	887	3,464	1,741	1,033	99.0	68.5	Wilson	813	17,066	13,901	10,655	22.2	21.0
Mitchell	839	36,780	39,636	24,773	-7.3	64.1	Wink	844	4,442	3,814	3,442	14.8	
Mills	696	9,694	7,851	5,493	23.6	42.9	Wise	863	26,097	27,116	24,134	-2.5	12.4
Mitchell	885	8,956	2,855	2,059	213.7	38.7	Wood	657	23,417	21,048	13,932	11.3	51.1
Montague	825	25,123	24,900	18,863	1.3	60.2	Yoak	879	312	4			
Montgomery	1,017	15,679	17,067	11,765	-5.1	45.1	Young	875	13,657	6,540	5,049	108.8	29.5
Moore	921	561	209	15	168.4	4.0	Zapata	1,288	3,809	4,700	3,562	-20.0	33.6
Morris	259	10,439	8,220	6,580	37.0	24.9	Zavalla	1,348	1,839	792	1,097	138.5	-27.8

¹ For changes in boundaries, etc., of counties

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.	Land area in square miles: 1910	POPULATION.					PER CENT OF INCREASE.					Land area in square miles: 1910	POPULATION.					PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900	COUNTY.	1910	1900	1890	1900-1910		1890-1900	COUNTY.	1910	1900	1890	1900-1910	1890-1900
UTAH	82,184	373,351	276,749	1,210,779	34.9	31.3	VIRGINIA—Con.												
Beaver.....	2,640	4,717	3,613	3,340	30.6	8.2	Danville city ²	3	19,020	16,520	10,305	15.1	60.3						
Beckler.....	5,444	13,894	10,009	7,642	35.5	31.0	Davison.....	325	9,199	7,747	5,077	18.7	52.6						
Cache.....	1,164	23,062	18,139	15,509	27.1	17.0	Dunwiddie.....	518	15,442	15,374	16,515	0.4	13.8						
Carbon.....	1,457	8,624	5,004	.....	72.3	.....	Elizabeth City.....	54	21,225	19,440	16,468	9.1	20.4					
Davis.....	275	10,191	7,996	6,751	27.5	18.4	Essex.....	253	9,105	9,701	10,147	-6.1	-3.4						
Emery.....	4,453	6,750	4,657	5,076	44.9	-8.3	Fairfax.....	417	20,595	18,580	16,655	10.5	11.6						
Garfield.....	5,234	3,660	3,400	2,457	7.6	38.4	Fauquier.....	666	22,526	23,374	22,590	-3.6	3.5						
Grand.....	3,662	1,936	1,149	541	38.8	112.4	Floyd.....	376	14,092	15,388	14,405	-8.4	6.8						
Iron.....	3,296	3,933	3,546	2,683	10.9	32.2	Floyd.....	285	8,323	9,050	9,508	-8.0	-4.8						
Juab.....	3,410	7,102	10,082	5,882	6.1	80.6	Franklin.....	697	29,489	29,953	24,985	2.0	3.9						
Kane.....	4,215	1,662	1,811	1,685	-8.8	7.5	Frederick.....	434	12,787	13,239	12,684	-3.4	4.4						
Millard.....	6,604	5,678	4,033	7.7	40.3	.....	Fredericksburg city.....	422	5,674	5,908	4,528	15.9	11.9					
Morgan.....	628	2,467	2,045	1,780	20.6	14.9	Giles.....	369	11,623	10,783	9,090	7.7	18.7						
Plute.....	763	1,734	1,954	2,842	-11.3	-31.2	Gloucester.....	223	12,477	12,832	11,653	-2.8	10.1						
Rich.....	1,027	1,883	1,946	1,527	-8.2	27.4	Goochland.....	287	9,237	9,519	9,958	-3.0	-4.1						
Salt Lake.....	756	131,426	77,725	58,457	69.1	33.0	Grayson.....	425	19,856	16,833	14,394	17.8	17.1						
San Juan.....	7,761	2,377	1,023	305	133.4	.....	Greene.....	155	6,937	6,214	5,622	11.6	10.5					
Sanpete.....	1,564	16,704	16,313	13,146	2.4	24.1	Greensville.....	307	11,800	9,758	8,230	21.8	18.6						
Sevier.....	1,978	9,775	8,451	6,199	15.7	36.3	Hanover.....	614	40,044	37,197	34,424	7.7	8.1						
Summit.....	1,862	8,200	9,439	7,733	-13.1	22.1	Henry.....	512	17,200	17,618	17,402	-2.4	1.2						
Tooele.....	6,849	7,924	7,361	3,700	7.6	98.9	Henrico.....	266	23,437	30,062	22,006	-22.0	36.6						
Uinta.....	5,235	7,959	6,488	2,767	10.9	36.7	Highland.....	444	18,459	19,265	18,208	-4.2	5.8						
Utah.....	2,084	37,942	32,456	23,708	10.6	39.6	Highland.....	422	8,247	5,947	5,332	-5.8	3.5						
Wasatch.....	4,384	8,920	4,736	3,595	88.3	*27.0	Isle of Wight.....	314	14,929	13,102	11,313	13.9	15.8						
Washington.....	2,465	5,123	4,612	4,009	11.1	15.0	James City.....	164	6,338	5,732	5,643	10.6	1.6						
Wayne.....	541	1,749	1,907	.....	-8.3	.....	King and Queen.....	320	9,576	9,265	9,669	3.4	-4.2					
Weber.....	541	35,179	25,239	22,723	39.4	11.1	King George.....	468	6,378	6,918	6,641	-7.8	4.8						
VERMONT	9,124	355,956	343,841	332,422	3.6	3.4	King William.....	363	8,547	8,380	9,605	2.0	-12.8						
Addison.....	756	20,010	21,912	22,277	-8.7	-1.6	Laurens.....	246	23,840	19,856	18,216	31.4	9.0						
Bennington.....	611	21,378	21,705	20,448	-1.5	6.1	Loudoun.....	519	21,167	21,948	23,274	-3.6	-5.7						
Boydston.....	643	26,031	24,381	23,436	6.8	4.0	Louis.....	516	16,578	15,517	16,397	6.4	-7.8						
Chittenden.....	501	42,447	39,600	35,389	7.2	11.9	Lutescent.....	439	11,730	10,917	11,322	9.2	2.2						
Essex.....	638	7,384	8,056	9,511	-8.3	-15.3	Lynchburg city ²	5	29,494	18,891	19,709	56.1	-4.2						
Franklin.....	652	29,866	30,198	29,755	-1.1	1.5	Madison.....	324	10,055	10,216	10,225	-1.6	-0.1						
Grand Isle.....	83	3,761	4,462	3,843	-15.7	16.1	Mathews.....	94	8,922	8,239	7,584	8.3	8.6						
Lamoille.....	436	12,885	12,289	12,831	2.4	-4.2	Mecklenburg.....	669	26,956	26,551	25,359	9.1	4.7						
Orange.....	676	18,703	19,373	19,373	-3.2	-3.2	Middlesex.....	146	8,852	8,220	7,458	7.7	10.2						
Oraucus.....	683	23,337	22,024	22,101	6.0	-0.3	Montgomery ²	396	17,208	15,852	17,742	8.9	-10.7						
Rutland.....	911	45,139	44,209	45,397	8.9	-2.6	Nomeundom.....	423	26,886	25,078	19,692	16.5	17.2						
Washington.....	719	41,702	38,705	36,448	11.0	6.4	Nelson.....	473	16,821	16,075	15,336	4.6	4.8						
Windham.....	705	28,832	26,060	26,547	1.0	0.4	New Kent.....	191	4,682	4,865	5,511	-3.8	-11.7						
Windsor.....	948	33,681	32,225	31,706	4.5	1.6	Newport News city ²	425	19,295	19,635	19,635	.....	.....				
VIRGINIA	40,262	2,061,613	1,854,184	1,655,980	11.2	12.0	Norfolk.....	404	52,744	50,780	28,899	3.9	75.7						
Accomac.....	502	36,650	32,570	27,277	12.5	19.4	Norfolk city ²	7	67,452	46,624	24,871	44.7	33.7						
Albemarle.....	730	29,871	28,473	26,788	4.9	6.3	Northampton.....	239	16,672	13,770	10,313	21.1	33.9						
Alexandria.....	31	10,241	6,430	4,258	58.1	51.0	Northumberland.....	205	10,777	9,846	7,883	9.5	24.5						
Alexandria city.....	1	15,329	14,528	14,339	5.5	1.3	Nottoway.....	310	13,462	12,366	11,882	8.9	6.8						
Alleghany.....	457	14,173	16,330	9,283	-13.2	75.9	Orange.....	359	13,486	12,571	12,541	7.3	-1.9						
Amelia.....	371	8,720	9,037	9,068	-3.5	-0.3	Page.....	322	14,147	13,794	13,692	2.6	5.4						
Amherst.....	470	18,832	17,864	17,551	6.0	1.8	Patrick.....	485	17,195	15,403	14,147	11.6	8.9						
Appomattox.....	342	8,909	9,662	9,589	-7.8	0.8	Petersburg city.....	3	34,217	21,101	22,880	16.6	-3.8						
Augusta.....	1,003	32,445	30,000	30,000	6.2	7.7	Pittsylvania.....	1,012	50,709	46,894	49,636	8.1	-2.5						
Bath.....	545	6,538	5,506	4,587	16.9	22.0	Plymouth.....	3	32,189	17,427	14,268	90.5	31.3						
Bedford.....	791	29,549	30,356	31,213	-2.7	-2.7	Powhatan.....	273	6,099	6,824	6,791	-10.6	0.5						
Bland.....	300	5,154	5,167	5,129	-6.2	7.2	Prince Edward.....	356	14,266	15,045	14,694	-5.2	2.4						
Botetourt.....	548	17,727	17,161	14,854	3.3	15.5	Prince George.....	294	17,848	17,752	7,873	1.2	-1.5						
Bristol city.....	2	6,247	4,579	2,902	36.4	57.8	Prince William.....	345	8,044	8,843	8,678	-9.0	1.9						
Brunswick.....	557	19,244	18,217	17,245	5.6	6.6	Prince Anne.....	279	11,526	11,192	9,510	3.0	17.7						
Buchanan.....	514	12,334	9,692	5,867	27.3	65.2	Pulaski.....	333	17,246	14,609	12,790	18.1	14.2						
Buckingham.....	584	15,204	15,266	14,383	-0.4	6.1	Radford city ²	5	4,202	3,344	.....	.....	25.7					
Buena Vista city ²	3	3,245	2,388	.....	35.9	.....	Rappahannock.....	274	8,044	8,843	8,678	-9.0	1.9					
Campbell.....	552	23,043	23,256	21,378	-0.9	8.7	Richmond.....	204	7,415	7,088	7,146	4.6	-0.8						
Carroll.....	529	16,586	16,709	16,681	-0.7	0.2	Richmond city ²	11	127,628	85,050	81,388	50.1	4.5						
Charles City.....	498	21,116	19,308	15,497	9.4	24.6	Roanoke.....	300	19,623	15,837	13,942	23.9	13.6						
Charlotte.....	456	5,233	5,066	4.2	5.3	.....												
Charlottesville city.....	1	6,765	6,449	5,591	4.9	15.3	Roanoke city ²	5	34,874	21,495	16,159								

POPULATION OF COUNTIES.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—Continued.

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con. COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.		COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900			1910	1900	1890	1900-1910	1890-1900
VIRGINIA—Con.													
Staunton city ¹	3	10,604	7,289	6,975	45.5	4.5	WEST VIRGINIA—Con.						
Surry.....	278	9,715	8,469	8,256	14.7	2.6	Lewis.....	393	18,281	16,980	15,995	7.7	6.8
Sussex.....	515	13,664	12,082	11,100	13.1	8.8	Lincoln.....	418	20,491	18,434	17,246	32.8	37.2
Tazewell.....	331	24,946	23,284	19,899	6.7	17.5	Loran.....	438	14,476	6,955	11,104	108.1	—13.7
Warren.....	216	8,589	8,837	8,280	—2.8	6.7	McDowell.....	533	47,856	18,747	7,300	155.3	156.8
Warwick.....	67	6,041	4,888	6,650	23.6	—26.5	Marion.....	315	42,794	32,430	20,721	32.0	56.5
Washington.....	479	32,830	28,995	26,118	13.2	11.0	Marshall.....	310	32,988	26,444	20,735	22.5	27.5
Westmoreland.....	252	9,313	9,243	8,399	0.8	10.0	Mason.....	475	23,019	24,142	22,913	—4.7	5.6
Winchester city.....	1	5,864	5,161	5,196	13.6	—0.7	Morgan.....	419	38,371	23,023	16,002	66.7	43.9
Wise.....	420	34,162	19,653	9,245	73.8	11.0	Mineral.....	349	16,674	12,883	12,085	29.4	6.6
Wythe.....	136	7,757	7,482	7,596	3.7	—1.5	Mingo.....	416	19,481	11,359		71.1	
York.....							Monongalia.....	358	24,334	19,049	15,705	27.7	21.3
WASHINGTON													
Adams.....	1,912	10,920	4,840	2,098	125.6	130.7	Monroe.....	457	13,055	13,130	12,429	—0.6	5.6
Asotin.....	1,675	5,831	3,366	1,580	73.2	113.0	Nichols.....	233	7,818	7,294	6,744	7.6	8.2
Benton.....	1,091	7,937					Nicholas.....	680	17,099	11,403	9,309	55.2	22.5
Benton.....	1,027	35,590	15,124	9,249	135.3	* 61.4	Ohio.....	107	57,572	48,024	41,457	19.9	15.6
Chelan.....	2,900	15,104	3,931		284.2		Pendleton.....	699	9,349	9,167	8,711	2.0	5.2
Clallam.....	1,736	6,755	5,603	2,771	20.6	* 87.2	Pleasant.....	132	8,074	9,345	7,539	—13.6	24.0
Clarke.....	20,115	15,419	11,709	94.6	14.6		Pocahontas.....	904	14,740	8,572	6,814	72.0	20.8
Clark.....	858	7,042	7,128	6,709	—1.2	6.2	Preston.....	650	26,341	25,727	20,355	15.9	11.7
Cowlitz.....	1,153	12,561	7,577	5,917	59.5	33.1	Putnam.....	396	18,587	17,350	14,342	7.3	20.8
Douglas.....	1,787	9,227	4,926	3,161	87.3	55.8	Raleigh.....	597	25,333	12,436	9,597	106.1	29.6
Ferry.....	2,220	4,800	4,562		5.2		Randolph.....	1,036	26,028	17,670	11,633	47.3	51.9
Franklin.....	1,206	5,153	4,86	696	960.3	—30.2	Ritchie.....	453	17,375	15,901	16,621	—5.4	13.7
Garfield.....	694	4,199	3,918	3,897	7.2	0.5	Roane.....	522	21,543	19,532	15,303	8.5	29.7
Grant.....	2,720	8,698					Summers.....	399	18,420	16,265	13,117	13.2	24.0
Island.....	208	4,704	1,870	1,787	151.6	4.6	Taylor.....	175	16,554	14,978	12,147	10.5	23.3
Jefferson.....	1,747	8,337	6,712	8,368	46.0	* 32.2	Tucker.....	405	18,675	13,433	6,459	39.0	108.0
King.....	2,111	284,638	110,963	63,989	188.6	* 71.8	Tyler.....	260	16,211	11,962	11,962	—11.2	52.6
Kittitas.....	1,571	17,647	6,767	4,624	169.8	* 43.9	Upshur.....	351	16,629	14,695	12,714	13.2	15.6
Klickitat.....	2,329	15,561	9,704	8,777	91.3	10.6	Wayne.....	317	24,081	23,619	18,652	2.0	26.6
Klickitat.....	1,825	10,180	6,407	5,167	58.9	24.0	Webster.....	583	9,680	8,862	4,783	9.2	85.3
Lewis.....	2,369	32,127	15,157	11,499	112.0	31.8	Wetzel.....	357	3,855	22,880	16,841	4.3	35.9
Lincoln.....	2,302	17,539	11,969	9,312	46.5	28.5	Wheat.....	357	9,467	10,284	9,411	—12.0	6.6
Linn.....	930	5,156	3,810	2,826	35.3	34.8	Wood.....	364	38,001	34,452	28,612	10.3	30.4
Okanogan.....	5,221	12,887	4,689	1,467	174.8	* 170.3	Wyoming.....	502	10,392	8,380	6,247	20.3	24.1
Pacific.....	893	12,532	5,983	4,358	105.5	37.3	WISCONSIN						
Pierce.....	1,701	120,812	55,515	50,940	117.6	9.0	Adams.....	684	8,604	9,141	6,889	—5.9	32.7
San Juan.....	178	3,603	2,928	2,072	23.1	41.3	Ashland.....	1,082	21,965	20,176	20,063	8.9	6.6
Skagit.....	1,774	29,241	14,272	8,747	104.9	* 60.0	Bayfield.....	885	29,114	23,677	15,416	23.0	53.6
Skamania.....	1,685	2,887	1,658	774	71.0	118.3	Benish.....	1,503	15,987	14,392	7,390	11.1	* 89.4
Snohomish.....	2,064	59,209	29,950	8,514	147.2	* 175.8	Brown.....	529	54,098	46,359	39,164	16.7	* 116.6
Spokane.....	1,756	139,404	57,542	37,487	142.3	53.5	Buffalo.....	687	16,006	16,705	15,997	—4.5	4.8
Stevens.....	3,866	25,297	10,543	4,341	139.9	* 129.3	Burnett.....	860	9,026	7,478	4,393	20.7	70.2
Thurston.....	709	17,581	9,927	6,678	77.1	2.6	Calumet.....	324	16,701	17,078	16,639	—2.2	2.6
Wahkiakum.....	267	3,283	2,819	2,326	16.5	11.6	Chippewa.....	322	32,103	33,037	25,143	—2.8	31.4
Walla Walla.....	1,265	31,931	18,680	12,224	70.9	82.8	Clark.....	1,218	30,074	25,848	17,708	16.3	46.0
Wheaton.....	2,082	49,511	24,116	18,591	105.3	* 27.8	Columbia.....	778	31,129	31,121	28,350	(*)	9.8
Whitman.....	2,108	35,280	25,360	16,109	31.2	22.7	Crawford.....	579	16,288	17,286	15,887	—5.8	8.1
Yakima.....	5,059	41,709	13,462	4,429	203.8	* 153.8	Dane.....	1,202	77,453	69,455	59,578	11.5	16.5
WEST VIRGINIA.													
Barbour.....	348	15,858	14,198	12,702	11.7	11.8	Dodge.....	897	47,436	46,631	44,984	1.7	3.7
Berkeley.....	325	21,999	19,469	18,702	13.0	4.1	Door.....	469	18,711	17,583	15,682	6.4	12.1
Brockton.....	517	19,331	18,194	16,885	26.1	19.0	Douglas.....	1,337	47,422	36,335	13,468	30.5	169.6
Brooks.....	89	11,098	7,219	6,660	53.7	8.4	Dunn.....	869	25,260	25,043	22,664	0.9	10.5
Cabell.....	261	46,685	29,252	23,585	59.6	24.0	Eau Claire.....	638	32,721	31,692	30,673	3.2	3.3
Calhoun.....	285	11,288	10,226	8,135	9.7	23.9	Florence.....	497	3,351	3,167	2,604	8.8	22.8
Clay.....	332	10,233	8,248	4,659	24.1	77.0	Fond du Lac.....	726	72,600	47,589	44,088	8.4	7.9
Doddridge.....	317	12,672	13,689	12,183	—7.4	12.4	Forest.....	1,400	6,782	1,396	1,012	385.8	37.9
Fayette.....	667	51,903	31,987	20,542	62.3	55.7	Grant.....	1,169	39,067	38,881	36,351	0.3	6.1
Gilmer.....	331	11,379	11,762	9,746	—3.3	20.7	Green.....	1,082	24,641	22,719	22,732	—0.2	—4.2
Grant.....	461	7,838	7,275	6,402	7.7	7.0	Green Lake.....	360	16,491	15,797	15,163	—1.9	4.3
Greenbrier.....	993	24,833	20,663	18,034	20.1	14.7	Iowa.....	781	22,497	23,114	22,117	—2.7	4.5
Hauptshire.....	648	11,694	11,806	11,419	—0.9	3.4	Iron.....	792	8,306	6,616		25.5	
Hancock.....	83	10,465	6,933	6,414	56.4	4.3	Jefferson.....	950	19,075	17,466	15,797	—2.2	10.6
Hardy.....	574	9,163	8,449	7,567	8.5	11.7	Juneau.....	802	19,569	20,629	17,121	—5.1	20.5
Harrison.....	416	48,381	27,690	21,919	74.7	26.3	Kenosha.....	282	32,929	21,767	15,851	51.7	39.3
Jackson.....	20,956	22,987	19,021	—8.3			Kewaunee.....	337	16,784	17,212	16,153	—2.5	6.6
Jefferson.....	211	18,889	15,935	15,553	—0.3	2.5	La Crosse.....	481	43,996	42,997	38,801	2.3	10.8
Kanawha.....	860	81,457	54,696	42,756	48.9	27.9	Lafayette.....	642	20,075	20,959	20,205	—4.2	3.4
							Langlade.....	962	17,062	12,553	9,465	39.6	32.1
							Lincoln.....	902	19,046	16,209	12,008	17.2	35.5
							Manitowoc.....	602	44,978	42,261	37,831	6.4	11.7
							Marathon.....	1,354	55,054	43,256	30,369	27.3	42.4
							Marquette.....	1,415	33,812	30,822	20,394	9.7	51.8
							Marquette.....	457	10,741	10,509	9,676	2.2	8.6
							Milwaukee.....	235	433,187	330,017	236,101	31.3	39.8

¹ For changes in boundaries, etc., of counties, see page 53.

² State total includes population (7,842) of Indian reservations specially enumerated in 1890, not distributed by counties.

³ State total includes population (6,450) of Indian reservations specially enumerated in 1890, not distributed by counties.

⁴ Less than one-tenth of 1 per cent.

⁵ See headnote to table, page 32.

AREA AND POPULATION OF COUNTIES AND EQUIVALENT SUBDIVISIONS IN THE UNITED STATES: 1910, 1900, AND 1890—(Continued.)

[Per cent not shown where base is less than 100. A minus sign (—) denotes decrease.]

Table 13—Con.		POPULATION.					PER CENT OF INCREASE.		COUNTY.		POPULATION.					PER CENT OF INCREASE.	
COUNTY.	Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900	COUNTY.	Land area in square miles: 1910	1910	1900	1890	1900-1910	1890-1900				
		WISCONSIN—Con.								WISCONSIN—Con.							
Monroe	937	28,881	28,103	23,211	9.8	21.1	Walworth	500	29,614	29,259	27,860	1.2	5.0				
Oconto	1,118	25,637	29,374	15,099	22.9	137.5	Washburn	835	8,196	5,721	2,926	48.5	88.7				
Oneida	901	11,433	8,875	5,010	28.8	77.1	Washington	431	23,784	23,289	22,751	0.8	3.7				
Ozaukee	646	49,102	46,247	38,690	6.2	16.9	Waukesha	549	37,100	35,229	33,270	5.3	5.9				
Ozaukee	233	17,123	16,363	14,943	4.6	9.5	Waupaca	759	32,782	31,615	26,794	3.7	18.0				
Pepin	236	7,577	7,905	6,932	-4.1	14.0	Waushara	646	18,886	15,372	13,507	18.2	18.2				
Pierce	563	22,079	23,943	20,385	-7.8	17.5	Winnebago	459	62,116	58,225	50,097	6.7	16.2				
Polk	935	21,367	17,811	12,968	20.0	37.3	Wood	809	30,553	25,865	18,127	18.2	42.7				
Portage	812	30,945	29,483	24,798	5.0	18.9	WYOMING	97,394	145,965	92,631	62,555	57.7	47.9				
Price	1,279	13,795	9,166	5,258	51.5	78.2	Albany	4,401	11,574	13,084	8,865	-11.5	47.6				
Racine	324	57,424	45,644	36,258	25.8	25.9	Bighorn	6,768	8,886	4,328	105.3	105.3					
Richland	590	18,809	19,483	19,121	-3.5	1.9	Carbon	8,029	11,282	9,389	17.7	33.8					
Rock	716	55,538	51,203	43,239	8.5	18.5	Converse	6,740	6,294	3,337	2,738	88.6	21.8				
Rusk	925	11,160	9,166	5,258	51.5	78.2	Crook	5,441	6,492	3,137	2,338	106.9	34.2				
St. Croix	733	25,910	26,830	23,139	-3.4	16.0	Fremont	12,659	11,822	5,357	2,463	120.7	137.9				
Sauk	842	32,369	33,006	30,575	-0.4	8.0	Johnson	4,175	3,453	2,361	2,357	46.3	0.2				
Sawyer	1,320	6,227	3,593	1,977	73.3	137.6	Laramie	6,992	26,127	20,151	16,777	29.5	20.3				
Shawano	1,158	31,854	27,475	19,236	16.0	134.4	Natrona	5,533	4,706	1,785	1,094	167.0	63.2				
Sheboygan	521	54,838	50,345	42,489	9.0	18.5	Park	5,430	4,809	3,137	2,338	106.9	34.2				
Taylor	991	13,641	11,262	6,731	21.1	67.3	Sheridan	2,575	16,324	5,122	1,972	218.7	150.7				
Trimpealeau	748	22,928	23,114	18,920	-0.8	22.2	Sublette	10,540	11,375	8,555	4,941	36.9	71.1				
Vernon	821	28,116	28,351	25,111	-0.8	12.9	Teton	11,044	16,982	12,223	7,414	38.9	64.9				
Vilas	833	6,019	4,929	2,511	22.1	12.9	Weston	4,593	4,980	3,203	2,422	54.9	32.2				
							Yellowstone Nat. Pk.	2,904	519	309	467	40.7	-21.0				

¹ See headnote to table, page 32.
² For changes in boundaries, etc., of counties, see page 53.
³ State total includes population (1,850) of Indian reservations specially enumerated in 1890, not distributed by counties.
⁴ Geographically located within the limits of Wyoming, Idaho, and Montana; total population returned in Wyoming.

AREA AND POPULATION OF SUBDIVISIONS OF ALASKA IN 1910, HAWAII IN 1910, 1900, AND 1890, AND PORTO RICO IN 1910 AND 1899.

[A minus sign (—) denotes decrease.]

Table 14	RECORDER'S DISTRICT.	1910	RECORDER'S DISTRICT.	1910	RECORDER'S DISTRICT.	1910
ALASKA ¹ (area in sq. miles, 590,884)		64,356	ALASKA—Continued.		ALASKA—Continued.	
FIRST JUDICIAL DISTRICT.	15,216	THIRD JUDICIAL DISTRICT.	20,078	FOURTH JUDICIAL DISTRICT.	16,711	
Juneau district	5,854	Aleutian Islands district	1,083	Chandalar district	368	
Ketchikan district	3,520	Bristol Bay district	4,502	Circle district	799	
Sitka district	2,210	Cook Inlet district	677	Eagle district	543	
Skagway district	1,980	Copper Center district	553	Fairbanks district	7,675	
Wrangell district	1,632	Coriova district	1,779	Fort Gibbon district	853	
SECOND JUDICIAL DISTRICT.	12,351	Hiama district	271	Fortymile district	341	
Cape Nome district	3,924	Kayak district	623	Hot Springs district	372	
Council City district	686	Kenai district	1,692	Kantishna district	68	
Fairhaven district	543	Kodiak district	2,448	Kouyuk district	455	
Keigarak district	308	Kuskokwim district (part of)	19	Kuskokwim district (part of)	491	
Kuskokwim district (part of)	2,201	[For total, see judicial district 2.]		[For total, see judicial district 2.]		
Total for Kuskokwim district in judicial districts 2, 3, and 4	2,711	Nabesna district	103	Mount McKinley district	282	
Noatak-Kobuk district	2,262	Prince William Sound district	210	Nulato district	785	
Port Clarence district	1,007	Unea Peninsula district	1,303	Ophi district	562	
St. Lawrence Island district	233	Valdez district	4,815	Other district	1,234	
St. Michael district (part of)	1,127			Rampart district	370	
Total for St. Michael district in judicial districts 2 and 4	2,255			St. Michael district (part of)	1,128	
				[For total, see judicial district 2.]		
				Tanana district	430	

¹ The population of Alaska in 1900 was 63,592 and in 1890, 32,052; from 1900 to 1910 the increase was 764, or 1.2 per cent, from 1890 to 1900 it was 31,540, or 98.4 per cent.

Table 14—Continued.

COUNTY.	Land area in square miles: 1910	POPULATION.			PER CENT OF INCREASE.	
		1910	1900	1890	1900-1910	1890-1900
HAWAII ¹	6,449	191,909	154,001	189,990	24.6	71.1
Hawaii	4,015	55,382	46,843	26,754	18.2	75.1
Honolulu	690	82,028	68,504	31,194	40.2	87.5
Kalawao	11	785	1,177	—	-33.3	—
Kanai	641	23,952	20,734	11,859	15.5	74.8
Mauai	1,182	29,762	26,743	120,183	11.3	32.5

¹ County organization went into effect in 1905; comparison for 1890 and 1900 made from population of island groups.

² Figures derived from the census taken as of Dec. 28, 1890, under the direction of the Hawaiian Government.

³ Includes population, not returned separately, of territory taken to form Kalawao County in 1905.

AREA AND POPULATION OF SUBDIVISIONS OF ALASKA IN 1910, HAWAII IN 1910, 1900, AND 1890, AND PORTO RICO IN 1910 AND 1899—Continued.

[A minus sign (—) denotes decrease.]

Table 11—Continued.

MUNICIPAL DISTRICT.	POPULATION.		Percent of increase: 1899-1910	MUNICIPAL DISTRICT.	POPULATION.		Percent of increase: 1899-1910	MUNICIPAL DISTRICT.	POPULATION.		Percent of increase: 1899-1910
	1910	1899			1910	1899			1910	1899	
PORTO RICO (area, sq. miles, 3,455)	1,118,012	953,243	17.3								
				PORTO RICO—				PORTO RICO—			
				Con.				Con.			
Adjuntas	16,954	19,484	-13.0	Culebra ¹	1,315	704	86.8	Patillas	14,448	11,163	28.4
Aguada	11,587	10,581	9.5	Dorado	4,885	8,804	28.4	Penuelas	11,691	12,129	-1.1
Aguadilla	21,419	17,830	20.1	Fajardo	21,135	16,782	25.9	Ponce	63,444	55,477	14.4
Agua Buenas	8,292	7,977	3.9	Guayama	17,379	12,749	36.3	Quebradillas	8,152	7,432	9.7
Aibonito	10,815	8,596	25.8	Guayama	10,354	9,540	8.5	Rincón	7,275	6,641	9.5
Anasco	14,407	13,311	8.2	Guarabo	11,139	8,700	28.0	Rio Grande	13,948	12,365	12.6
Arecibo	42,429	36,910	15.0	Hatillo	10,630	10,449	1.7	Rio Piedras	18,880	13,760	37.2
Arroyo	6,940	4,867	42.6	Humacao ¹	26,678	22,915	16.4	Salvina Grande	11,233	10,560	9.1
Barceloneta	11,644	9,357	24.4	Isabela	16,552	14,888	13.2	Saltinas	11,403	5,731	99.0
Barranquitas	10,593	8,108	29.6	Juana Díaz	29,157	27,896	4.5	San German	22,143	20,246	9.4
Barros	15,028	14,845	1.2	Juncos	11,692	8,429	38.7	San Juan	48,716	32,048	52.0
Bayamon	29,486	19,940	50.4	Lajas	11,071	8,789	26.0	San Lorenzo	14,278	15,433	6.3
Cabo Rojo	19,462	16,154	31.1	Lares	22,550	18,883	8.5	San Sebastián	18,904	16,412	15.2
Caguas	27,160	19,857	36.8	Loiza	10,046	11,273	-10.9	Santa Isabel	6,959	4,838	43.2
Camay	11,342	10,887	4.2	Mamotí	17,240	13,989	23.2	Tos Alta	9,127	7,908	15.4
Carolin	15,327	11,965	28.1	Mareico	7,158	8,312	-13.9	Trujillo Alto	6,345	5,683	11.0
Cayey	17,711	14,442	22.6	Matambé	7,106	6,221	14.2	Utuado	41,054	43,810	-6.4
Ciales	18,398	18,115	1.6	Mayaguez ¹	42,429	38,915	9.0	Vega Alta	8,134	6,107	33.2
Cidra	10,595	7,552	40.3	Moca	13,640	12,410	9.9	Vega Baja	12,831	10,305	24.5
Coamo	17,129	15,144	13.1	Morovis	12,446	11,309	10.1	Vieques	10,425	5,938	75.6
Comerio	11,170	8,249	35.4	Naguabo	14,365	10,873	32.1	Yabucoa	17,338	13,905	24.7
Corozal	12,978	11,820	12.8	Narajuto	8,876	8,101	9.6	Zanuco	31,504	27,119	16.2

¹ For changes in boundaries, etc., of municipalities, see note below. ² Jefferson (794) of the island of Culebra, organized as Municipality of Culebra since 1899.

ALABAMA—1900-1910: Organized, Houston; gain in area, Cullman; loss in area, Blount, Dale, Geneva, Henry, Chilton, Cleburne¹; 1890-1900: Organized, Houston; gain in area, Clay, Franklin, Walker; loss in area, Jefferson, Lawrence, Talladega; both gain and loss, Colbert.

ARIZONA—1890-1900: Organized, Coconino, Navajo, Santa Cruz; loss in area, Apache, Pima, Yavapai.

ARKANSAS—1900-1910: Gain in area, Lafayette, Logan, Mississippi, Sebastian; loss in area, Columbia, Scott; 1890-1900: Gain in area, Clay, Crawford, Sevier; loss in area, Franklin, Greene, Howard.

CALIFORNIA—1890-1910: Organized, Imperial; gain in area, Kings; loss in area, Fresno, San Diego. 1890-1900: Organized, Glenn, Kings, Madera, Riverside; loss in area, Colusa, Fresno, San Bernardino, San Diego, Tulare.

COLORADO—1900-1910: Organized, Adams, Denver, Jackson; gain in area, Park, Weld; loss in area, Clear Fork, Grand, Larimer, Lincoln, Logan, Morgan, Park, Teller, Weld; Adams, Adams, 1890-1900: Organized, Mineral, Teller; loss in area, Chaffee, El Paso, Huerfano, Rio Grande, Saguache; both gain and loss, Fremont.

FLORIDA—1900-1910: Organized, Palm Beach, St. Lucie; loss in area, Brevard, Dade. 1890-1900: Gain in area, Polk; loss in area, Pasco.

GEORGIA—1900-1910: Organized, Boo Hill, Crisp, Grady, Jeff Davis, Jenkins, Stephens, Tift, Toombs, Turner; gain in area, Clarke, Fulton; loss in area, Appling, Berrien, Bulloch, Burke, Clayton, Coffee, Decatur, Dooly, Emanuel, Franklin, Habersham, Irwin, Montgomery, Oglethorpe, Screven, Tattnall, Thomas, Wilcox, Worth.

IDAHO—1900-1910: Organized, Bonner, Twin Falls; gain in area, Fremont, Nez Perce; loss in area, Bingham, Cassia, Kootenai, Shoshone. 1890-1900: Organized, Bannock, Blaine, Canyon, Fremont, Lincoln; loss in area, Ada, Bingham, Lemhi.

KANSAS—1890-1900: Gain in area, Finney.

KENTUCKY—1890-1910: Gain in area, Powell; loss in area, Estill.

LOUISIANA—1900-1910: Organized, La Salle; loss in area, Catahoula.

MASSACHUSETTS—1900-1910: Gain in area, Hampden, Norfolk; loss in area, Hampshire; both gain and loss, Middlesex, Suffolk.

MICHIGAN—1890-1900: Organized, Dickinson; gain in area, Emmet, Keweenaw, Leelanau; loss in area, Marquette, Menominee; both gain and loss, Charlevoix, Iron.

MINNESOTA—1900-1910: Organized, Clearwater, Koociching, Mahomet, Pennington; loss in area, Cascade, Itasca, Norman, Red Lake. 1890-1900: Organized, Red Lake, Roseau; gain in area, Crow Wing, Hubbard; loss in area, Cass, Kittson, Polk.

MISSISSIPPI—1900-1910: Organized, Forrest, George, Jefferson Davis, Lamar; loss in area, Covington, Greene, Hancock, Jackson, Lawrence, Marion, Perry; both gain and loss, Pearl River. 1890-1900: Organized, Pearl River; loss in area, Hancock, Marion.

MONTANA—1900-1910: Organized, Lincoln, Powell, Rosebud, Sanders; loss in area, Custer, Flathead, Missoula, Silver Bow; both gain and loss, Deer Lodge. 1890-1900: Organized, Broadwater, Carbon, Flathead, Granite, Ravalli, Sweet Grass, Teton, Valley; gain in area, Cascade, Flathead, Lewis and Clark; loss in area, Chouteau, Dawson, Deer Lodge, Jefferson, Meagher, Missoula, Park, Yellowstone.

NEBRASKA—1900-1910: Organized, Garden, Morrill; gain in area, Dakota; loss in area, Cheyenne, Deuel. 1890-1900: Organized, Boyd; gain in area, McPherson.

NEVADA—1900-1910: Organized, Clark; loss in area, Lincoln.

NEW JERSEY—1890-1900: Gain in area, Ocean; loss in area, Burlington.

NEW MEXICO—1900-1910: Organized, Curry, Guadalupe, Luna, McKinley, Quay, Roosevelt, Sandoval, Torrance; loss in area, Bernalillo, Chaves, Dona Ana, Grant, Valencia (old), Lincoln, Quay, Roosevelt, San Juan, San Miguel, Santa Fe, Socorro, Union, Valencia; both gain and loss, Rio Arriba. 1890-1900: Organized, Chaves, Eddy, Guadalupe (old), Otero, Union; gain in area, Bernalillo; loss in area, Colfax, Dona Ana, Lincoln, Mora, San Miguel, Santa Fe, Socorro.

NEW YORK—1890-1900: Organized, Nassau; gain in area, New York; loss in area, Queens, Westchester.

NORTH CAROLINA—1900-1910: Organized, Lee, Scotland; loss in area, Chatham, Moore, Richmond.

NORTH DAKOTA—1900-1910: Organized, Adams, Bowman, Burke, Divide, Dunn, Hettinger, McKenzie, Mountrail, Renville, Sheridan; loss in area, Billings, McLean, Mercer, Stark, Ward, Williams. 1890-1900: Organized, Williams; gain in area, Billings, Bottineau, McHenry, McLean, Mercer, Pierce, Stark, Ward; loss in area, Dunn, Hettinger, Renville, Sheridan, Williams.

OKLAHOMA—Most of the counties were organized in 1907. Among the few existing in 1890 there has been no change till after 1900. There has been no later change in Cleveland, Kingfisher, Logan, and Oklahoma, but since 1900 Canadian has existed in area, Deaver and Payne have lost, while Greer has had both gains and losses. The counties organized between 1890 and 1900 were formed from Indian reservations. Other counties following remain unchanged: Dewey, Garfield, Grant, Lincoln and Pottawatomie; there has been a gain in area in Blaine, Custer, Jay, Noble, Pawnee, and Washita, and both gains and losses in Roger Mills, Woods, and Woodward. For comparison of the special enumeration of 1907 with that of 1910 it may be noted that Harmon was organized in 1909; there was a loss of area in Beckham and both gain and loss in Greer.

OREGON—1900-1910: Organized, Hood River; gain in area, Baker; loss in area, Union, Wasco. 1890-1900: Organized, Lincoln, Wheeler; gain in area, Sherman, Wallowa; loss in area, Benton, Crook, Gilliam, Grant, Tillamook, Union, Wasco.

SOUTH CAROLINA—1900-1910: Organized, Calhoun, Dillon, Lee; gain in area, Florence, Newberry; loss in area, Berkeley, Darlington, Kershaw, Lexington, Marion, Sumter, Williamsburg; both gain and loss, Orangeburg. 1890-1900: Organized, Bamberg, Cherokee, Dorchester, Greenwood, Saluda; gain in area, Charleston, Florence; loss in area, Abbeville, Barnwell, Berkeley, Colleton, Darlington, Edgefield, Spartanburg, Union, York.

SOUTH DAKOTA—1900-1910: Organized, Corson, Harding, Perkins, Tripp; loss in area, Butte, Union; forced, Bennett, Mallett, Todd. 1890-1900: Gain in area, Butte, Gregory, Lyman, Meade, Pennington, Stanley.

TENNESSEE—1900-1910: Gain in area, Perry; loss in area, Lauderdale, Wayne. 1890-1900: Both gain in area, Lewis; loss in area, Hickman, Wayne.

TEXAS—1900-1910: Organized, Andrews, Dawson, Gaines, Garza, Gray, Hutchinson, Lamb, Lynn, Parmer, Reagan, Schleicher, Terrell, Terry, Upton, Winkler, Young; loss in area, Pecos, Tom Green. 1890-1900: Organized, Foard, Sterling; gain in area, Brewster, Webb; loss in area, Hardeman, Knox, Tom Green.

UTAH—1900-1910: Gain in area, Sevier; loss in area, Piute. 1890-1900: Organized, Carbon, Grand, Wayne; gain in area, Garfield, Utah; loss in area, Emery, Kane, Piute, Sanpete.

VERMONT—1890-1900: Gain in area, Caledonia; loss in area, Washington.

VIRGINIA—1900-1910: Organized and made independent of county, Clifton Forge city; gain in area, Danville city, Lynchburg city, Norfolk city, Portsmouth city, Richmond city, Staunton city; loss in area, Alleghany, Augusta, Campbell, Henrico, Manchester city, Norfolk, Pittsylvania. 1890-1900: Organized and made independent of county, Buena Vista city, Newport News city, Radford city; gain in area, Danville city, Portsmouth city, Roanoke city; loss in area, Montgomery, Norfolk, Pittsylvania, Roanoke, Rockbridge, Warlick.

WASHINGTON—1900-1910: Organized, Benton, Grant; loss in area, Douglas, Klickitat, Yakima. 1890-1900: Organized, Chelan, Ferry; loss in area, Kittitas, Okanogan, Stevens.

WEST VIRGINIA—1890-1900: Organized, Mingo; loss in area, Logan.

WISCONSIN—1900-1910: Organized, Rusk; gain in area, Oneida; loss in area, Chippewa, Forest; both gain and loss, Vilas. 1890-1900: Organized, Iron, Vilas; loss in area, Ashland, Forest; both gain and loss, Oneida.

WYOMING—1900-1910: Organized, Park; loss in area, Bighorn. 1890-1900: Organized, Bighorn, Natrona, Weston; loss in area, Carbon, Crook, Fremont, Johnson.

PORTO RICO—1890-1910: Municipality organized, Culebra; gain in area, Humacao, Mayaguez; loss in area, Vieques.

URBAN AND RURAL POPULATION.

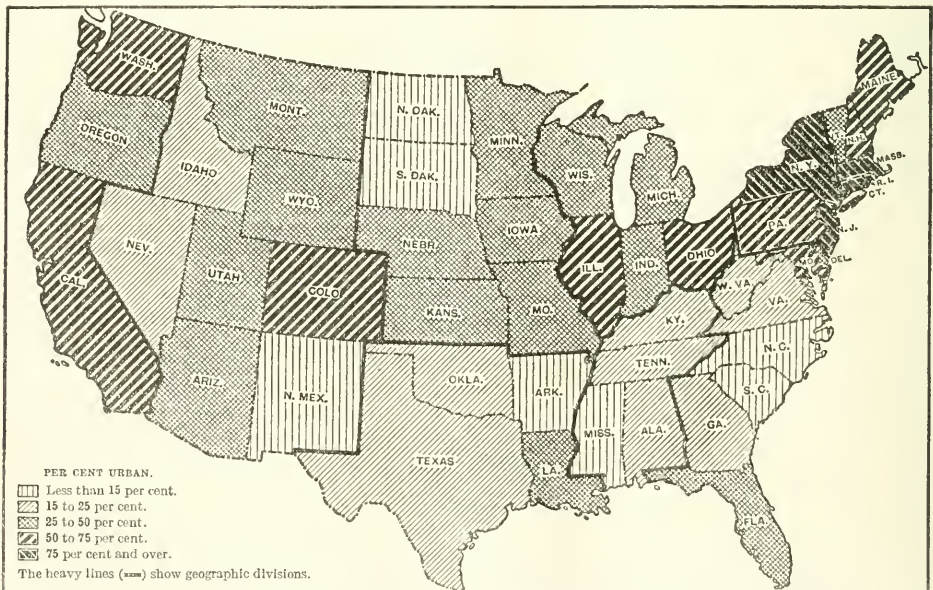
The Census Bureau classifies as urban population that residing in cities and other incorporated places of 2,500 inhabitants or more, including New England towns of that population. In most sections of the country all or practically all densely populated areas of this size are set off from rural territory and incorporated as municipalities (variously known as cities, towns, villages, boroughs, etc.). In New England, however, this is often not the case. Many of the towns consist in part of distinctly rural territory and in part of densely populated areas which are not incorporated separately and for which it is impossible to make separate population returns. For this reason it has been necessary in the New England states to include with the urban population residing in incorporated cities the population also of all towns having 2,500 inhabitants or more. The urban areas in New England, as classified by the census, therefore, include some population which, in other sections of the United States, would be segregated as rural.

Urban population being thus defined, the remainder of the country is classed as rural, consisting

(except in New England) of all unincorporated territory and of incorporated places of less than 2,500 inhabitants.

The comparisons of the urban and rural population in 1910 with that at earlier enumerations may be made either with respect to the varying proportions of the two classes at successive enumerations or with respect to the increase between enumerations. In order to contrast the *proportion* of the total population living in urban or rural territory at the census of 1910 with the proportion urban or rural at the preceding census, it is necessary to classify the territory according to the conditions *as they existed* at each census. In this comparison a place having less than 2,500 inhabitants in 1900 and over 2,500 in 1910 is classed with the rural territory for 1900 and with the urban for 1910. On the other hand, in order to present fairly the contrast between urban and rural communities, as regards their *rate of growth*, it is necessary to consider the changes in population which have occurred from one decennial census to another in exactly the *same* territory.

PER CENT URBAN IN TOTAL POPULATION, BY STATES: 1910.



Proportion urban and rural.—The proportion of the total population living in urban and in rural territory at the censuses of 1910, 1900, 1890, and 1880, respectively, for the United States as a whole, is shown in Table 15, on the opposite page.

This table shows a steady and rapid increase in the proportion of urban population. While the increase in the percentage of urban population from 1900 to 1910 was appreciably greater than from 1890 to 1900, it was not so great as from 1880 to 1890.

Table 15

POPULATION OF THE UNITED STATES.

CLASS.	POPULATION OF THE UNITED STATES.			
	1910	1900	1890	1880
Total number	91,972,266	75,994,575	62,947,714	50,155,783
Urban	42,623,383	30,737,183	22,720,233	14,772,438
Rural	49,348,883	45,197,390	40,227,491	35,383,345
Total, per cent.	100.0	100.0	100.0	100.0
Urban	46.3	40.5	36.1	29.5
Rural	53.7	59.5	63.9	70.5

The map on page 54 shows the percentage of urban population in 1910 for each of the states.

Table 18 (p. 56) shows, by divisions and states, urban and rural population, and the per cent urban and rural, at the censuses of 1910, 1900, and 1890, respectively. As shown by this table, the proportions of the total population living in urban and rural territory vary greatly in different sections of the country.

In the New England division more than four-fifths of the population in 1910 lived in urban territory, as defined by the Census Bureau. Were it possible to determine the urban population in this division on the same basis as for the rest of the country, the proportion would probably be somewhat less than three-fourths. Urban population constituted more than seven-tenths of the total in the Middle Atlantic division and more than one-half in the East North Central and Pacific divisions. The lowest proportion of urban population is found in the South—25.4 per cent in the South Atlantic division, 18.7 in the East South Central, and 22.3 in the West South Central.

In the North (comprising the first four geographic divisions) the urban population numbered 32,669,705, and the rural 23,087,410, the per cent urban being 58.6. In the South (comprising the next three divisions) the urban population was 6,623,838, and the rural 22,765,492, the proportion urban being 22.5 per cent. In the West (comprising the last two divisions), with 3,229,840 urban and 3,495,981 rural, the percentage urban was 48.8.

In each of the nine geographic divisions the proportion of the population living in urban communities was larger in 1910 than in 1900, and larger in 1900 than in 1890. The proportion increased with exceptional rapidity from 1900 to 1910 in the Pacific division, where cities have shown a remarkable growth.

The per cent distribution of the total, urban, and rural population, respectively, of the United States in 1910 among the geographic divisions is as follows:

Table 16

PER CENT OF TOTAL.

DIVISION.	PER CENT OF TOTAL.		
	Total.	Urban.	Rural.
United States	100.0	100.0	100.0
New England	7.1	12.8	2.2
Middle Atlantic	21.0	32.2	11.3
East North Central	19.8	22.6	17.5
West North Central	12.7	9.1	15.7
South Atlantic	32.3	7.3	18.4
East South Central	9.1	3.7	13.9
West South Central	9.6	4.6	13.8
Mountain	2.9	2.2	3.4
Pacific	4.6	5.6	3.7

Increase in urban and rural population.—In order to compare the rate of growth in urban and rural communities, it is necessary in each case, as previously explained, to consider the changes in population which have occurred in the same territory from one decennial census to another. For this purpose communities are classed as urban or rural according to their population in 1910, and the population of the places as thus classified is then determined for 1900 for purposes of comparison.

The increase from 1900 to 1910 in urban and rural population on this basis is shown, for the United States, in the following table:

Table 17

CLASS.	POPULATION IN		INCREASE: 1900-1910	
	1910	1900	Number.	Per cent.
Total population	91,972,266	75,994,575	15,977,691	21.0
Urban territory in 1910	42,623,383	31,669,645	11,013,738	34.8
Rural territory in 1910	49,348,883	44,324,930	4,963,953	11.2

The rate of increase for the population of urban areas was over three times that for the population living in rural territory.

Of the total increase in the population of the United States during the past decade (15,977,691), seven-tenths was in urban territory and only three-tenths in rural territory.

Table 19 (p. 57) shows, by divisions and states, the aggregate population in 1910 and 1900 of the territory which is classed as urban and rural in 1910, and the increase or decrease during the decade. (See also maps on page 58.)

The largest percentages of increase in urban population between 1900 and 1910 were reported for the Pacific, West South Central, and Mountain divisions, in the order named, these percentages being 101.8, 68.5, and 64.7, respectively. These same divisions also showed higher rates of increase in rural population than any of the others, though the increase in rural population was much less rapid than that in urban population, being for these divisions 46.4, 27.1, and 53.4 per cent, respectively. The New England division, on the other hand, showed the smallest percentage of increase in urban population, namely, 21.5 per cent. For this division there was a slight decrease in rural population during the last decade.

The five other geographic divisions differed little from one another in the percentages of increase in urban population, the rates ranging from 28.2 per cent for the West North Central division to 33.1 per cent for the Middle Atlantic division. They showed greater contrasts in the growth of rural population. In the South Atlantic division the increase in rural population was 12.3 per cent; in the Middle Atlantic, West North Central, and East South Central divisions it was between 5 and 10 per cent, and in the East North Central division there was a slight decrease in rural population.

URBAN AND RURAL POPULATION, BY DIVISIONS AND STATES: 1910, 1900, AND 1890.

Table 18 DIVISION AND STATE.	1910		1900		1890		1910		1900		1890	
	Urban population.	Rural population.	Urban population.	Rural population.	Urban population.	Rural population.	Per ct. urban.	Per ct. rural.	Per ct. urban.	Per ct. rural.	Per ct. urban.	Per ct. rural.
United States.....	42,623,383	49,348,883	30,797,185	45,197,390	22,720,223	40,227,491	46.3	53.7	40.5	59.5	36.1	63.9
GEOGRAPHIC DIVISIONS:												
New England.....	5,455,345	1,097,336	4,476,179	1,121,858	3,561,763	1,138,986	83.3	16.7	79.9	20.1	75.8	24.2
Middle Atlantic.....	13,723,373	5,592,519	10,075,888	5,378,795	7,333,722	5,372,448	71.0	29.0	65.2	34.8	57.7	42.3
East North Central.....	9,617,271	8,633,530	7,219,975	5,765,906	5,097,181	8,381,124	52.7	47.3	45.2	54.8	37.8	62.2
West North Central.....	3,873,716	7,764,205	2,946,544	7,400,879	2,308,819	6,623,293	33.3	66.7	28.5	71.5	25.8	74.2
South Atlantic.....	3,092,153	9,102,742	2,232,632	8,210,848	1,728,019	7,129,903	25.4	74.6	21.4	78.6	19.5	80.5
East South Central.....	1,574,229	6,835,672	1,131,056	6,416,701	817,308	5,611,846	18.7	81.3	15.0	85.0	12.7	87.3
West South Central.....	1,957,456	6,827,078	1,057,197	5,475,093	715,999	4,024,884	22.3	77.7	16.2	83.8	15.1	84.9
Mountain.....	947,511	1,086,006	541,363	1,133,294	355,627	558,308	36.0	64.0	32.3	67.7	29.3	70.7
Pacific.....	2,382,329	1,809,975	1,122,356	1,294,336	801,735	1,086,599	58.6	43.2	46.4	53.6	42.5	57.5
NEW ENGLAND:												
Maine.....	381,443	360,928	337,390	357,076	298,604	362,482	51.4	48.6	48.6	51.4	45.2	54.8
New Hampshire.....	255,099	173,473	226,269	185,319	192,479	184,051	59.2	40.8	55.0	45.0	51.1	48.9
Vermont.....	168,943	187,013	139,180	204,461	117,063	215,359	47.5	52.5	40.5	59.5	35.2	64.8
Massachusetts.....	3,125,367	241,049	2,567,098	238,248	2,003,854	235,093	92.8	7.2	91.5	8.5	89.5	10.5
Rhode Island.....	524,654	17,956	407,647	20,969	326,602	18,964	96.7	3.3	95.1	4.9	94.5	5.5
Connecticut.....	999,889	114,917	792,595	115,825	623,161	123,097	89.7	10.3	87.2	12.8	83.5	16.5
MIDDLE ATLANTIC:												
New York.....	7,185,494	1,928,120	5,298,111	1,970,783	3,899,737	2,103,437	78.8	21.2	72.9	27.1	65.0	35.0
New Jersey.....	1,907,210	929,957	1,329,162	554,507	876,638	508,295	75.2	24.8	70.6	29.4	60.7	39.3
Pennsylvania.....	4,630,669	3,034,442	3,448,610	2,833,305	2,567,397	2,700,716	60.4	39.6	54.7	45.3	48.6	51.4
EAST NORTH CENTRAL:												
Ohio.....	2,665,143	2,101,978	1,998,382	2,159,163	1,504,390	2,167,939	55.9	44.1	48.1	51.9	41.0	59.0
Indiana.....	1,143,835	1,557,041	862,689	1,653,773	590,039	1,602,365	42.4	57.6	34.3	65.7	26.9	73.1
Illinois.....	3,476,929	2,161,662	2,616,368	2,205,182	1,710,172	2,116,180	61.7	38.3	54.3	45.7	44.7	55.3
Michigan.....	1,327,044	1,483,129	952,323	1,408,659	730,294	1,303,596	47.2	52.8	39.3	60.7	34.9	65.1
Wisconsin.....	1,004,320	1,329,540	790,213	1,278,829	532,286	1,131,044	43.0	57.0	38.2	61.8	33.2	66.8
WEST NORTH CENTRAL:												
Minnesota.....	850,294	1,225,414	598,100	1,153,294	443,049	867,234	41.0	59.0	34.1	65.9	33.8	66.2
Iowa.....	680,054	1,544,717	572,386	1,659,407	405,764	1,506,533	30.6	69.4	25.6	74.4	21.2	78.8
Missouri.....	1,398,817	1,894,518	1,128,104	1,978,561	856,966	1,822,219	42.5	57.5	36.3	63.7	32.0	68.0
North Dakota.....	63,236	513,820	23,413	295,733	10,643	180,340	11.0	89.0	7.3	92.7	5.6	94.4
South Dakota.....	76,673	507,215	40,936	360,634	28,555	320,045	13.1	86.9	10.2	89.8	8.2	91.8
Nebraska.....	310,852	881,302	252,702	813,598	291,641	771,015	26.1	73.9	23.7	76.3	27.4	72.6
Kansas.....	493,790	1,197,159	330,903	1,139,592	272,201	1,155,907	29.2	70.8	22.5	77.5	19.1	80.9
SOUTH ATLANTIC:												
Delaware.....	97,085	103,237	85,717	99,018	71,067	97,426	48.0	52.0	46.4	53.6	42.2	57.8
Maryland.....	658,192	637,151	591,266	596,838	495,702	546,688	58.8	41.2	49.8	50.2	47.6	52.4
District of Columbia.....	331,069	.....	278,718	.....	230,392	.....	100.0	.....	100.0	.....	100.0	.....
Virginia.....	476,529	1,585,083	340,667	1,514,117	282,721	1,373,259	23.1	76.9	18.3	81.7	17.1	82.9
West Virginia.....	228,242	992,877	125,465	823,335	81,365	681,429	14.7	85.3	13.1	86.9	10.7	89.3
North Carolina.....	318,474	1,887,813	186,790	1,707,020	115,759	1,502,190	18.4	81.6	9.9	90.1	7.2	92.8
South Carolina.....	224,832	1,290,568	171,256	1,169,060	116,183	1,034,966	14.8	85.2	12.8	87.2	10.1	89.9
Georgia.....	538,659	2,670,471	346,332	1,809,949	257,472	1,579,881	20.6	79.4	15.6	84.4	14.0	86.0
Florida.....	219,680	533,539	107,031	421,511	77,358	314,064	29.1	70.9	20.8	79.2	19.8	80.2
EAST SOUTH CENTRAL:												
Kentucky.....	555,442	1,734,463	467,668	1,679,506	356,713	1,501,922	24.3	75.7	21.8	78.2	19.2	80.8
Tennessee.....	441,045	1,748,744	326,639	1,692,977	238,394	1,529,124	20.2	79.8	16.2	83.8	13.5	86.5
Alabama.....	370,431	1,767,642	216,714	1,611,983	152,235	1,361,160	17.3	82.7	11.9	88.1	10.1	89.9
Mississippi.....	207,311	1,589,803	120,035	1,431,235	69,966	1,219,634	11.5	88.5	7.7	92.3	5.4	94.6
WEST SOUTH CENTRAL:												
Arkansas.....	202,681	1,371,768	111,733	1,199,831	73,159	1,055,652	12.9	87.1	8.5	91.5	6.5	93.5
Louisiana.....	496,516	1,159,872	366,288	1,015,337	283,845	834,743	30.0	70.0	26.5	73.5	25.4	74.6
Oklahoma.....	320,155	1,337,000	58,417	731,974	9,484	249,173	19.3	80.7	7.4	92.6	3.7	96.3
Texas.....	938,104	2,958,438	520,759	2,527,951	349,511	1,886,016	24.1	75.9	17.1	82.9	15.6	84.4
MOUNTAIN:												
Montana.....	133,420	242,633	84,554	158,775	38,787	104,137	35.5	64.5	34.7	65.3	27.1	72.9
Idaho.....	69,898	255,096	10,003	151,769	.....	88,548	21.5	78.5	6.2	93.8	.....	100.0
Wyoming.....	43,221	102,744	26,657	65,874	21,484	41,071	29.6	70.4	28.3	71.7	34.3	65.7
Colorado.....	404,540	304,184	260,651	279,049	185,905	227,344	50.7	49.3	48.3	51.7	45.0	55.0
New Mexico.....	46,571	280,730	27,381	167,929	3,970	150,312	14.2	85.8	14.0	86.0	6.2	93.8
Arizona.....	63,240	141,094	19,495	103,436	8,302	79,941	31.1	68.9	16.9	84.1	9.4	90.6
Utah.....	172,934	206,417	105,427	171,322	75,155	135,624	46.3	53.7	38.1	61.9	25.7	74.3
Nevada.....	15,367	68,508	7,195	35,140	16,024	31,331	16.3	83.7	17.0	83.0	33.8	66.2
PACIFIC:												
Washington.....	605,530	536,460	211,477	306,626	127,178	230,054	53.0	47.0	40.8	59.2	35.6	64.4
Oregon.....	307,060	365,705	133,180	289,356	85,093	232,611	45.6	54.4	32.3	67.8	26.8	73.2
California.....	1,469,739	907,810	777,669	707,354	589,464	623,934	61.8	38.2	52.4	47.6	48.6	51.4

1 Includes population of Indian Territory for 1890 and 1900.

INCREASE IN POPULATION OF URBAN AND RURAL TERRITORY, BY DIVISIONS AND STATES: 1900-1910.

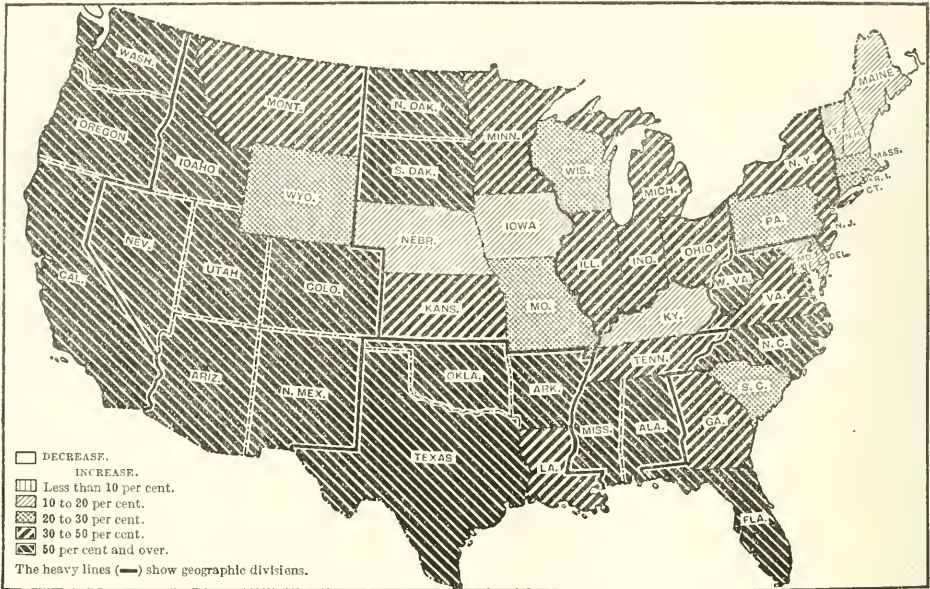
Table 19 DIVISION AND STATE.	TERRITORY URBAN IN 1910.				TERRITORY RURAL IN 1910.			
	Population in—		Increase: 1900-1910		Population in—		Increase: 1900-1910	
	1910	1900	Number.	Per cent.	1910	1900	Number.	Per cent.
United States	42,623,383	31,809,645	11,013,738	34.3	49,348,883	44,384,930	4,963,953	11.2
GEOGRAPHIC DIVISIONS:								
New England.....	5,455,345	4,489,531	965,814	21.5	1,097,336	1,102,486	-5,150	-0.5
Middle Atlantic.....	13,723,373	10,307,717	3,415,656	33.1	5,592,519	5,146,961	445,558	8.7
East North Central.....	9,617,271	7,348,011	2,269,260	30.9	8,633,350	8,637,570	-4,220	(^c)
West North Central.....	3,873,716	3,022,664	851,052	28.2	7,764,205	7,324,759	439,446	6.0
South Atlantic.....	3,092,153	2,337,717	754,436	32.3	9,102,742	8,105,763	996,979	12.3
East South Central.....	1,574,229	1,186,290	387,939	32.7	6,835,672	6,361,352	474,320	7.5
West South Central.....	1,957,456	1,161,736	795,720	68.5	6,827,078	5,370,669	1,456,409	27.1
Mountain.....	947,611	575,332	372,279	64.7	1,686,006	1,099,325	586,681	53.4
Pacific.....	2,382,329	1,180,647	1,201,682	101.8	1,809,975	1,236,045	573,930	46.4
NEW ENGLAND:								
Maine.....	361,443	339,564	41,879	12.3	360,928	354,902	6,026	1.7
New Hampshire.....	255,099	226,007	29,092	12.9	175,473	185,581	-10,108	-5.4
Vermont.....	168,943	148,406	20,537	13.8	167,013	195,235	-28,222	-4.2
Massachusetts.....	3,125,367	2,569,494	555,873	21.6	241,049	235,852	5,197	2.2
Rhode Island.....	524,654	411,679	112,975	27.4	16,877	16,877	1,079	6.4
Connecticut.....	999,839	794,381	205,458	25.9	114,917	114,039	878	0.8
MIDDLE ATLANTIC:								
New York.....	7,185,494	5,352,283	1,833,211	34.3	1,928,120	1,916,611	11,509	0.6
New Jersey.....	1,907,210	1,363,653	543,557	39.9	629,957	520,016	109,941	21.1
Pennsylvania.....	4,630,669	4,591,781	1,038,888	28.9	3,034,442	2,710,334	324,108	12.0
EAST NORTH CENTRAL:								
Ohio.....	2,665,143	2,027,462	637,681	31.5	2,101,978	2,130,083	-28,105	-1.3
Indiana.....	1,143,835	876,294	267,541	30.5	1,557,041	1,640,168	-83,127	-5.1
Illinois.....	3,476,929	2,666,333	810,596	30.4	2,161,662	2,155,217	6,445	0.3
Michigan.....	1,327,044	966,826	360,218	37.3	1,483,129	1,454,156	28,973	2.0
Wisconsin.....	1,004,320	811,096	193,224	23.8	1,829,540	1,257,946	571,594	5.7
WEST NORTH CENTRAL:								
Minnesota.....	850,294	613,595	236,699	38.6	1,225,414	1,137,799	87,615	7.7
Iowa.....	680,054	567,267	112,787	19.9	1,544,717	1,664,556	-119,839	-7.2
Missouri.....	1,398,817	1,143,431	255,386	22.3	1,894,518	1,963,234	-68,716	-3.5
North Dakota.....	63,236	33,362	29,874	89.5	513,820	285,784	228,036	79.8
South Dakota.....	76,673	47,945	28,728	59.9	507,215	353,625	153,590	43.4
Nebraska.....	310,852	261,853	48,999	18.7	881,362	804,447	76,915	9.6
Kansas.....	493,790	355,211	138,579	39.0	1,197,159	1,115,284	81,875	7.3
SOUTH ATLANTIC:								
Delaware.....	97,065	85,717	11,368	13.3	105,237	99,018	6,219	6.3
Maryland.....	638,192	593,133	65,059	11.0	637,154	594,911	42,243	7.1
District of Columbia.....	331,069	278,718	52,351	18.8				
Virginia.....	476,529	354,861	121,668	34.3	1,855,083	1,499,233	355,850	5.7
West Virginia.....	228,242	137,464	90,778	66.0	992,877	821,336	171,541	20.9
North Carolina.....	318,474	208,215	110,259	53.0	1,887,813	1,685,595	202,218	12.0
South Carolina.....	224,832	177,270	47,562	26.8	1,290,568	1,163,466	127,102	11.0
Georgia.....	538,650	376,052	162,598	43.2	2,070,471	1,840,279	230,192	12.5
Florida.....	219,080	126,287	92,793	73.5	833,539	402,255	431,284	32.6
EAST SOUTH CENTRAL:								
Kentucky.....	555,442	483,233	72,209	14.9	1,734,463	1,663,941	70,522	4.2
Tennessee.....	441,045	335,722	105,323	31.4	1,743,744	1,684,779	58,965	3.5
Alabama.....	370,431	237,670	132,761	55.9	1,767,062	1,591,027	176,035	11.1
Mississippi.....	207,311	129,665	77,646	39.9	1,589,803	1,421,605	168,198	11.8
WEST SOUTH CENTRAL:								
Arkansas.....	202,681	131,719	70,962	53.9	1,371,768	1,179,960	191,808	16.3
Louisiana.....	496,516	380,997	115,519	30.3	1,159,872	1,000,628	159,244	15.9
Oklahoma.....	320,155	99,148	231,007	259.1	1,337,000	701,243	635,757	90.7
Texas.....	938,104	559,872	378,232	67.6	2,958,438	2,488,838	469,600	18.9
MOUNTAIN:								
Montana.....	133,420	89,476	43,944	49.1	242,633	153,853	88,780	57.7
Idaho.....	69,898	22,107	47,791	216.2	255,696	139,665	116,031	83.1
Wyoming.....	43,221	33,526	9,695	28.9	102,744	59,005	43,739	74.1
Colorado.....	404,840	269,662	135,178	50.1	394,184	270,038	124,146	46.0
New Mexico.....	46,571	25,484	20,087	75.8	280,730	168,826	111,904	66.3
Arizona.....	63,260	21,409	41,851	195.5	141,094	101,522	39,572	39.0
Utah.....	172,934	108,168	64,766	59.9	200,417	168,581	31,836	18.9
Nevada.....	13,367	4,500	8,867	197.0	68,508	37,835	30,673	81.1
PACIFIC:								
Washington.....	605,530	227,614	377,916	166.0	536,460	290,489	245,971	84.7
Oregon.....	307,060	142,840	164,220	115.0	365,705	270,696	95,009	35.1
California.....	1,469,739	810,193	659,546	81.4	907,810	674,860	232,950	34.5

¹ A minus sign (-) denotes decrease.

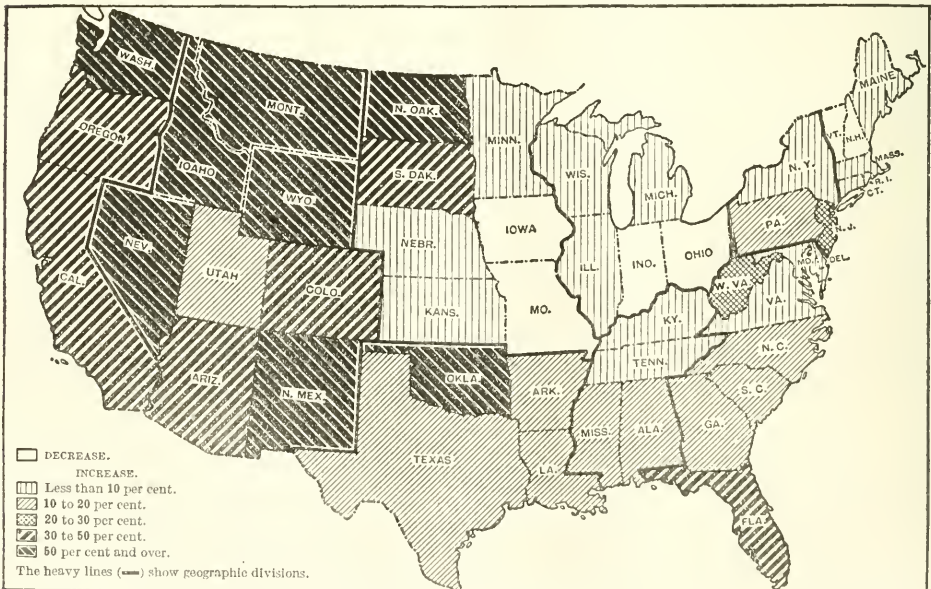
² A decrease of less than one-tenth of 1 per cent.

³ Includes population of Indian Territory for 1900.

PER CENT OF INCREASE IN URBAN POPULATION, BY STATES: 1900-1910.



PER CENT OF INCREASE IN RURAL POPULATION, BY STATES: 1900-1910.



There was in every state between 1900 and 1910 an increase in urban population, but in six states—namely, New Hampshire, Vermont, Ohio, Indiana, Iowa, and Missouri—there was a decrease in rural population. In all but two states—Montana and Wyoming—the urban population increased faster than the rural population, and generally at a much more rapid rate.

The decrease or slow increase in the rural population throughout large areas is in no sense due to lack of agricultural prosperity. On the contrary, in almost all such areas there has been a remarkable increase in the value of farm property.

The maps on the opposite page show the rates of increase or decrease in urban and in rural population since 1900 for each state.

COMMUNITIES CLASSIFIED ACCORDING TO SIZE.

Proportion in the several classes of communities.—In addition to classifying the population according to the broad grouping into urban and rural, a further analysis may be made on the basis of a more detailed size classification. The following table shows, for the

United States, the number of places constituting each of the specified classes of cities at the censuses of 1910, 1900, and 1890, the combined population of each group, and the percentage which each group represents of the total population of the country.

CLASS OF PLACES.	1910		1900		1890		PER CENT OF TOTAL POPULATION.		
	Number of places.	Population.	Number of places.	Population.	Number of places.	Population.	1910	1900	1890
Total population of the United States		91,972,206		75,994,575		62,947,714	100.0	100.0	100.0
Urban territory	1,2402	42,623,383	1,891	30,797,185	1,507	22,720,223	46.3	40.5	36.1
Places of 1,000,000 inhabitants or more.....	3	8,501,174	3	6,429,474	3	3,662,115	9.2	8.5	5.8
Places of 500,000 to 1,000,000 inhabitants.....	5	3,010,667	3	1,645,087	1	806,343	3.3	2.2	1.3
Places of 250,000 to 500,000 inhabitants.....	11	3,949,839	9	2,861,296	7	2,447,608	4.3	3.8	3.9
Places of 100,000 to 250,000 inhabitants.....	31	4,840,458	23	3,272,490	17	2,731,894	5.3	4.3	4.4
Places of 50,000 to 100,000 inhabitants.....	59	4,178,915	41	2,760,477	30	2,027,569	4.5	3.6	3.2
Places of 25,000 to 50,000 inhabitants.....	120	4,002,763	82	2,785,667	67	2,298,765	4.4	3.7	3.7
Places of 10,000 to 25,000 inhabitants.....	372	5,609,208	285	4,409,900	232	3,487,139	6.1	5.8	5.5
Places of 5,000 to 10,000 inhabitants.....	629	4,364,703	476	3,278,518	359	2,495,594	4.7	4.3	4.0
Places of 2,500 to 5,000 inhabitants.....	1,172	4,105,656	969	3,354,276	791	2,713,196	4.5	4.4	4.3
Rural territory		49,348,883		45,197,390		40,227,491	53.7	59.5	63.9
Incorporated places of less than 2,500 inhabitants.....	11,754	8,118,825	8,892	6,247,645	6,466	4,719,835	8.8	8.2	7.5
Other rural territory.....		41,230,058		38,949,745		35,507,656	44.8	51.3	56.4

¹ The individual number of cities of certain classes for the United States as a whole, and for certain geographic divisions, is less than the sum of the numbers shown for the United States of the country or of the division, for the reason that three cities each lie in two adjoining states, namely, Bristol (Virginia-Tennessee), Texarkana (Arkansas-Texas), and Union City (Indiana-Ohio), and are therefore counted twice. Moreover, one of these cities—Bristol—lies in two different geographic divisions (South Atlantic and East South Central). Each of these cities consists of two incorporated municipalities, but each is, from the statistical standpoint, one city, and should be classed according to its total population. In each case that part of the population lying in each state, whatever its number, is credited to the group of cities to which, according to the total population, the city belongs. According to total population, Bristol fell in 1910 in the class of cities of 10,000-25,000; in 1900 and in 1890, in the class 5,000-10,000; Texarkana fell in 1910 and 1900 in the class of 10,000-25,000, and in 1890 in the class 5,000-10,000; and Union City fell at each census from 1890 to 1910 in the class of 2,500-5,000.

In addition to the 46.3 per cent of the total population which in 1910 resided in communities classed by the Census Bureau as urban, 8.8 per cent resided in incorporated places of less than 2,500 inhabitants, making in all 55.1 per cent residing under conditions more or less urban in character.

Nearly one-tenth (9.2 per cent) of the total population in 1910 resided in the three cities (New York, Chicago, and Philadelphia) which had more than 1,000,000 inhabitants each. If 100,000 inhabitants be taken as the dividing line between large and medium-sized cities, it is seen that 22.1 per cent of the population resided in such large cities. Of the total population, 8.9 per cent resided in cities of medium size, ranging from 25,000 to 100,000 inhabitants, while the small urban communities of from 2,500 to 25,000 inhabitants contained 15.3 per cent.

Comparing the percentages for the three censuses, it is seen that each of the several groups of communities classed as urban comprised a larger percentage of the population of the country in 1910 than in 1900, and that, with two exceptions, each class in 1900 com-

prised a larger percentage of the total population than in 1890.

The population of each class of cities in the several divisions in 1910 is shown in Table 22 from which the percentages in Table 21 are derived. Very great differences appear among the several geographic divisions with respect to the distribution of the urban population among communities of different sizes.

DIVISION.	PER CENT OF POPULATION IN 1910 LIVING IN—					Rural districts.
	Cities of—					
	100,000 or more.	25,000 to 100,000.	10,000 to 25,000.	5,000 to 10,000.	2,500 to 5,000.	
United States	22.1	9.0	6.1	4.7	4.5	53.7
New England.....	24.5	25.0	14.3	11.3	8.2	16.7
Middle Atlantic.....	44.5	10.9	7.0	4.5	4.1	29.0
East North Central.....	26.1	8.5	7.6	6.0	4.5	47.3
West North Central.....	13.5	6.9	3.9	4.3	4.7	66.7
South Atlantic.....	9.6	5.8	3.6	3.3	3.0	74.6
East South Central.....	7.1	3.4	2.6	2.7	2.8	81.3
West South Central.....	3.9	7.2	4.0	2.6	4.5	77.7
Mountain.....	8.1	8.8	5.5	6.6	7.0	64.0
Pacific.....	34.2	6.4	7.3	3.2	5.7	43.2

Table 22

DIVISION.	CITIES HAVING IN 1910 A POPULATION OF—										RURAL DISTRICTS—POPULATION.
	100,000 or more.		25,000 to 100,000.		10,000 to 25,000.		5,000 to 10,000.		2,500 to 5,000.		
	Number of places.	Aggregate population.	Number of places.	Aggregate population.	Number of places.	Aggregate population.	Number of places.	Aggregate population.	Number of places.	Aggregate population.	
United States.....	50	20,302,138	179	8,241,678	1,372	5,609,208	629	4,364,703	1,172	4,105,656	49,348,883
New England.....	8	1,606,984	34	1,637,987	61	936,553	106	738,450	153	535,371	1,097,336
Middle Atlantic.....	11	8,599,877	44	2,110,782	91	1,349,807	130	575,771	223	787,136	5,592,519
East North Central.....	10	4,761,966	38	1,553,809	88	1,396,143	154	1,086,197	232	819,156	6,633,350
West North Central.....	5	1,575,658	17	801,931	33	455,339	71	498,709	156	541,919	7,754,205
South Atlantic.....	4	1,172,021	16	712,387	37	444,714	58	397,081	105	365,950	9,102,742
East South Central.....	4	598,082	7	289,285	15	220,364	33	229,333	67	236,565	6,835,672
West South Central.....	1	339,075	12	636,814	27	354,582	33	229,366	117	397,599	6,827,078
Mountain.....	1	213,381	5	230,995	12	144,593	25	174,020	54	184,622	1,686,006
Pacific.....	6	1,435,094	6	267,688	19	307,013	19	135,096	65	237,438	1,809,975

1 See footnote to table on page 59.

Growth of the several classes of urban communities.—In comparing the growth of the several classes of urban communities from 1900 to 1910, each community is grouped, for both censuses, according to its population in 1910, so as to avoid the disturbing effect of the passage of communities from one group to another. The population shown for 1900 represents, so far as it could be ascertained, the population within the boundaries of the communities as constituted in 1910. The comparison for the United States as a whole is presented in Table 23. With one exception, there was in 1910 no very great difference in the rates of growth of the several classes of urban communities. There are two groups in which the increase in population between 1900 and 1910 was somewhat more than 40 per cent, namely, cities of from 100,000 to 250,000 inhabitants and those of from 50,000 to 100,000. For all but one of the other groups the increase was between 30 and 40 per cent. The remaining group—that comprising five cities having in 1910 from 500,000 to 1,000,000 inhabitants—showed an increase during the decade of barely 20 per cent.

Table 23

CLASS OF PLACES.	Number of places in 1910.	AGGREGATE POPULATION IN—		INCREASE: 1900-1910	
		1910	1900	Number.	Per cent.
United States.....	.....	91,972,266	75,994,575	15,977,691	21.0
Territory urban in 1910.....	12,402	42,623,383	31,609,645	11,013,738	34.8
Places of—					
1,000,000 or more.....	3	8,501,174	6,429,474	2,071,700	32.2
500,000 to 1,000,000.....	5	3,010,667	2,501,226	509,441	20.4
250,000 to 500,000.....	11	3,949,839	2,932,040	1,017,799	34.7
100,000 to 250,000.....	31	4,849,458	3,421,849	1,418,609	41.5
50,000 to 100,000.....	59	4,175,915	2,948,511	1,230,404	41.7
25,000 to 50,000.....	120	4,062,763	3,028,007	1,034,756	34.2
10,000 to 25,000.....	372	5,609,208	4,153,442	1,455,766	35.0
5,000 to 10,000.....	629	4,364,703	3,194,278	1,170,425	36.6
2,500 to 5,000.....	1,172	4,105,656	3,060,518	1,104,838	36.8
Remainder of country.....	.....	49,348,883	44,384,930	4,963,953	11.2

1 See footnote to table on page 59.

Table 24 presents a comparison of the increase, between 1900 and 1910, in the population of different classes of urban communities and of rural territory in each of the nine geographic divisions of the United States. The number of classes of urban communities shown in Table 24 has been reduced to three by consolidating some of the minor groups shown in the table immediately preceding.

Table 24

DIVISION.	CITIES OF 100,000 OR MORE IN 1910.				CITIES OF 25,000 TO 100,000 IN 1910.				CITIES OF 2,500 TO 25,000 IN 1910.				TERRITORY RURAL IN 1910.			
	Num-ber.	Aggregate population.		Per cent of in-crease.	Num-ber.	Aggregate population.		Per cent of in-crease.	Num-ber.	Aggregate population.		Per cent of in-crease.	Population.		Per cent of in-crease. ¹	
		1910	1900			1910	1900			1910	1900		1910	1900		
United States.....	50	20,302,138	15,284,589	32.8	179	8,241,678	5,976,518	37.9	2,173	14,079,567	10,348,538	36.1	49,348,883	44,384,930	11.2	
New England.....	8	1,606,984	1,325,651	21.2	34	1,637,987	1,269,941	29.0	220	2,210,374	1,893,809	16.7	1,097,336	1,102,486	-0.5	
Middle Atlantic.....	11	8,599,877	6,375,912	30.8	44	2,110,782	1,574,838	34.0	444	3,012,714	2,156,847	39.7	5,592,519	5,146,961	8.7	
East North Central.....	10	4,761,966	3,600,614	32.3	38	1,553,809	1,127,923	37.8	474	3,301,496	2,619,474	26.0	6,633,350	6,837,570	(2)	
West North Central.....	5	1,575,658	1,208,321	30.4	17	801,931	640,520	25.2	270	1,496,127	1,173,823	27.5	7,754,205	7,324,759	6.0	
South Atlantic.....	4	1,172,021	974,643	20.3	16	712,387	516,427	37.9	190	1,207,745	846,047	42.7	9,102,742	8,105,763	12.3	
East South Central.....	4	598,082	444,444	24.6	7	289,285	237,257	21.9	115	686,862	504,589	36.1	6,835,672	6,361,352	7.5	
West South Central.....	1	339,075	287,104	18.1	12	636,814	331,409	92.2	177	981,567	543,223	80.7	6,827,078	5,370,669	27.1	
Mountain.....	1	213,381	140,474	51.9	5	230,995	145,556	54.5	91	503,135	285,304	76.4	1,686,006	1,099,325	53.4	
Pacific.....	6	1,435,094	727,428	97.3	6	267,688	128,527	108.3	103	679,547	324,692	109.3	1,809,975	1,236,045	46.4	

1 A minus sign (-) denotes decrease.

2 See footnote to table on page 59.

3 A degree of less than one-tenth of 1 per cent.

METROPOLITAN DISTRICTS.

In its general tables dealing with the population of cities, the Bureau of the Census must necessarily deal with political units, or, in other words, with the population contained within the municipal boundaries of each city. It is a familiar fact that, in some cases, the municipal boundaries give only an inadequate idea of the population grouped about one urban center. In the case of many cities there are suburban districts with a dense population outside the city limits, which, in a certain sense, are as truly a part of the city as the districts which are under the municipal government.

It seems desirable, therefore, to show the magnitude of each of the principal population centers taken as a whole. Statistics have been compiled for each city in the United States with a population of 200,000 inhabitants or more, which, in addition to the population within the city limits, show the population in adjoining communities which may be considered as intimately associated with the urban center. Such districts are designated as "metropolitan districts."

In laying out such metropolitan districts (that is, population is first determined for all civil divisions (that is, cities, towns, boroughs, townships, precincts, etc.) located within 10 miles of the city boundaries. Divisions which lie partly within and partly without the 10-mile limit are included if either one-half of their total population or one-half of their total area comes within that limit. State boundaries are disregarded, so that in some cases the metropolitan district lies partly in two states.

From the territory lying within the limits thus determined there have been deducted all divisions which have a population of less than about 150 or 200 inhabitants per square mile. Where the density of population is less, the division may be considered as rural rather than urban in character, and as not properly a part of the metropolitan district. There are a few exceptions to this rule where a minor civil division has been included within the metropolitan district, even though it had a lower density than that just stated, because that division was completely or almost surrounded by other civil divisions having a density which would require them to be included. The exception in such cases seems justified in order to avoid undue irregularity in the shape of the districts, or gaps lying wholly within their area.

Since a strict application of the rules for determining the metropolitan district of Boston would give an area

almost identical with the area of the "industrial district" of Boston, as laid out in a previous census bulletin (1909), the latter area is for convenience of comparison considered as the metropolitan district. The same is true of New York City, except that Nassau County, which was not included in the industrial district, has been added to the metropolitan district. In the case of the other industrial districts shown in the bulletin mentioned, the areas were so different from the metropolitan districts, as determined by the application of the rule here described, that no attempt was made to secure conformity.

Table 25 on the next page shows for 1910 and 1900 the population of 25 metropolitan districts as defined by the Census Bureau, distinguishing the population lying within the city proper from that outside the city. The cities are arranged in the order of the aggregate population of the metropolitan district.

It will be noted that two cities of more than 200,000 inhabitants—Newark and Jersey City—do not appear in the table, for the reason that they are included within the metropolitan district of New York.

The importance of the suburbs of great cities is conspicuously indicated by the combined statistics for the 25 metropolitan districts, which appear at the beginning of the table. The combined population of the metropolitan districts in 1910 was 22,088,331, of which 17,099,904 represents the population of the central cities and 4,988,427 that of the suburban areas, the latter being equal to nearly 30 per cent of the population of the cities proper. The figure of 17,099,904 represents the population of 28 cities, since there are three metropolitan districts in each of which there are two cities of such large population that both are treated as the central cities of the district, namely, Minneapolis and St. Paul; Kansas City, Kans., and Kansas City, Mo.; and San Francisco and Oakland.

The table shows further that the population of the metropolitan districts lying outside of the central cities increased between 1900 and 1910 somewhat more rapidly than that within their boundaries, the increase for the suburban districts being 43 per cent and for the cities proper 33.2 per cent.

The table emphasizes the well-known fact that the cities of the country have quite a different rank when their suburbs are taken into account from that which they hold when only the population within the city boundaries proper is considered.

POPULATION OF METROPOLITAN DISTRICTS: 1910 AND 1900.

Table 25		CITIES OF 200,000 INHABITANTS OR MORE.				CITIES OF 200,000 INHABITANTS OR MORE.			
CITY.	Area in acres: 1910	Population.		Per cent of increase: 1900-1910	CITY.	Area in acres: 1910	Population.		Per cent of increase: 1900-1910
		1910	1900				1910	1900	
Total for 65 metropolitan districts.					BUFFALO.				
In central cities (28 cities)	4,717,532.2	22,088,331	16,322,800	35.3	Metropolitan district	132,413.4	488,661	394,031	24.0
Outside central cities	1,185,795.8	17,099,904	12,835,201	33.2	In city proper	24,791.0	423,715	352,387	20.2
	3,531,736.4	4,988,427	3,489,599	43.0	Outside	107,622.4	64,946	41,644	56.0
NEW YORK.					LOS ANGELES.				
Metropolitan district	616,927.6	6,474,568	4,607,504	40.5	Metropolitan district	252,826.8	438,226	123,062	256.1
In city proper	181,555.0	4,766,883	3,437,202	38.7	In city proper	319,198.0	63,480.0	102,370	211.6
Outside	435,372.6	1,707,685	1,170,602	45.9	Outside	189,346.8	119,028	20,583	475.3
CHICAGO.					MILWAUKEE.				
Metropolitan district	409,086.7	2,446,921	1,837,987	33.1	Metropolitan district	112,339.4	427,175	324,963	31.5
In city proper	118,453.1	2,135,525	1,636,585	28.7	In city proper	14,885.8	378,857	285,315	31.0
Outside	290,633.6	261,396	199,412	21.7	Outside	97,753.6	63,318	39,648	34.5
PHILADELPHIA.					PROVIDENCE.				
Metropolitan district	437,732.5	1,972,342	1,623,149	21.7	Metropolitan district	126,469.4	395,972	306,110	29.4
In city proper	83,340.0	1,549,008	1,293,097	19.7	In city proper	11,352.2	224,326	175,597	27.8
Outside	354,392.5	423,334	329,452	28.5	Outside	115,117.2	171,646	130,513	31.5
BOSTON.					WASHINGTON.				
Metropolitan district	335,904.7	1,520,470	1,249,504	21.7	Metropolitan district	190,359.2	367,869	305,684	20.3
In city proper	26,289.0	670,585	560,892	19.6	In city proper	38,408.4	331,609	278,718	18.8
Outside	309,615.7	849,885	688,612	23.4	Outside	151,950.8	36,900	29,966	36.5
PITTSBURGH.					NEW ORLEANS.				
Metropolitan district	405,880.1	1,042,855	792,968	31.5	Metropolitan district	187,760.0	348,169	294,615	18.2
In city proper	26,510.7	533,905	451,512	18.2	In city proper	128,440.0	339,075	287,104	18.1
Outside	379,369.4	508,950	341,456	49.1	Outside	12,320.0	9,034	7,511	20.3
ST. LOUIS.					KANSAS CITY (MO. AND KANS.).				
Metropolitan district	497,993.4	828,733	649,711	27.6	Metropolitan district	62,030.5	340,446	228,235	49.2
In city proper	39,276.8	573,538	523,738	19.4	In city proper (Kans. City, Mo.)	37,443.0	243,341	163,752	51.7
Outside	158,717.1	141,704	74,473	90.3	In city proper (Kans. City, Kans.)	10,940.0	82,381	51,418	60.1
SAN FRANCISCO-OAKLAND.					LOUISVILLE.				
Metropolitan district	259,380.8	686,873	473,073	45.2	Metropolitan district	141,504.9	286,158	259,556	10.1
In city proper (San Francisco)	29,760.0	416,912	342,782	21.6	In city proper	13,229.7	123,428	104,731	9.4
In city proper (Oakland)	29,248.0	150,174	66,960	124.3	Outside	128,275.2	62,230	55,128	12.9
Outside	230,372.8	119,787	63,331	89.1	ROCHESTER.				
BALTIMORE.					INDIANAPOLIS.				
Metropolitan district	184,659.8	658,715	577,670	14.0	Metropolitan district	119,606.7	248,512	185,409	34.0
In city proper	19,290.2	558,485	508,957	9.7	In city proper	18,875.3	210,140	162,668	34.2
Outside	165,369.6	100,230	68,713	45.9	Outside	106,630.4	30,363	22,501	33.2
CLEVELAND.					SEATTLE.				
Metropolitan district	109,173.6	613,270	420,020	46.0	Metropolitan district	41,151.6	239,269	80,885	195.8
In city proper	29,238.8	560,663	383,783	46.9	In city proper	35,750.0	237,194	80,671	194.0
Outside	79,934.8	62,607	38,237	37.5	Outside	5,401.6	2,075	214	869.6
CINCINNATI.					DENVER.				
Metropolitan district	111,771.7	563,504	496,979	13.7	Metropolitan district	46,148.0	219,314	135,809	61.5
In city proper	31,843.3	363,591	325,902	11.6	In city proper	37,028.0	213,381	133,859	69.4
Outside	79,928.4	200,213	170,077	17.7	Outside	9,120.0	5,933	1,650	204.3
MINNEAPOLIS-ST. PAUL.					PORTLAND, OREG.				
Metropolitan district	94,539.0	526,256	372,009	41.5	Metropolitan district	49,528.0	215,048	91,668	134.6
In city proper (Minneapolis)	32,069.0	301,408	202,718	48.7	In city proper	39,975.0	207,214	90,426	129.2
In city proper (St. Paul)	35,390.0	214,744	163,665	31.7	Outside	12,563.2	7,834	1,242	530.8
Outside	29,080.0	10,194	6,226	62.3					
DETROIT.									
Metropolitan district	96,553.8	500,982	318,987	57.1					
In city proper	26,102.6	465,766	288,704	63.0					
Outside	70,451.2	35,216	33,283	6.9					

¹ A minus sign (—) denotes decrease.

NOTE.—The following statement gives the name and population of each municipality of 6,000 inhabitants or more falling within each metropolitan district, except the central city itself.

New York district.—New York: Yonkers city, 79,893; Mount Vernon city, 30,919; New Rochelle city, 28,867; Manhattan village, 5,659; New Jersey: Newark city, 347,469; Jersey City, 267,778; Paterson city, 125,600; Elizabeth city, 73,409; Hoboken city, 70,234; Bayonne city, 55,545; Passaic city, 54,773; West Hoboken town, 35,403; East Orange city, 24,571; Perth Amboy city, 32,121; Orange city, 21,639; Montclair town, 21,559; Union town, 21,025; Kearny town, 18,629; Bloomfield town, 18,070; Harrison town, 14,495; Hackensack town, 14,030; West New York town, 10,500; Irvington town, 11,877; Englewood city, 9,424; Rahway city, 9,377; Rutherford borough, 7,645; South Orange village, 6,014; Nutley town, 6,039; Roosevelt borough, 5,739; Guttenberg town, 5,647.

Chicago district.—Illinois: Evanston city, 54,978; Oak Park village, 19,444; Cicero town, 14,557; Chicago Heights city, 14,525; Blue Island village, 8,043; Maywood village, 5,633; Harvey city, 7,227; Forest Park village, 6,594; Berwyn city, 5,841; La Grange village, 5,282; Indiana: Hammond city, 29,925; East Chicago city, 19,098; Gary city, 16,802; Whiting city, 6,857.

Philadelphia district.—Pennsylvania: Chester city, 38,537; Norristown borough, 27,875; Bristol borough, 9,259; Conshohocken borough, 7,489; Parky borough, 6,305; New Jersey: Camden city, 94,538; Gloucester city, 4,422; Burlington city, 8,336.

Boston district.—Cambridge city, 104,839; Lynn city, 89,336; Somerville city, 77,236; Malden city, 44,404; Salem city, 43,637; Newton city, 39,800; Everett city, 33,484; Quincy city, 22,422; Chelsea city, 22,422; Waltham city, 27,834; Brookline town, 27,792; Medford city, 21,150; Revere town, 18,219; Peabody town, 15,724; Melrose city, 15,715; Hyde Park town, 15,507; Woburn city, 15,308; Framingham town, 12,945; Weymouth town, 12,858; Watertown town, 12,875; Walsfield town, 11,404; Arlington town, 11,157; Wintthrop town, 10,532; Natick town, 9,846; Winchester town, 9,309; Dedham town, 9,284; Braintree town, 8,606; Sangus town, 8,047; Norwood town, 6,014; Milton town, 7,924; Marblehead town, 7,338; Stoneham town, 7,066; Swampscott town, 6,204; Belmont town, 5,532; Wellesley town, 5,418; Needham town, 5,026.

Pittsburgh district.—McKeesport city, 42,694; Braddock borough, 19,357; Wilkinsburg borough, 18,924; Homestead borough, 18,713; Duquesne borough, 15,727; McKees Rocks borough, 14,702; North Braddock borough, 11,824; Carnegie borough, 10,069; Sharpshurg borough, 8,133; Jeanette borough, 8,077; Millvale borough, 7,816; New Kensington borough, 7,707; Tarentum borough, 7,414; Swissvale borough, 7,381; Bellevue borough, 6,332; Wilmerding borough, 6,133; Carrieck borough, 6,117; Rankin borough, 6,042; Etna borough, 5,830; Knoxville borough, 5,651; St. Clair borough, 5,640; East Pittsburgh borough, 5,515; Glassport borough, 5,540; Coraopolis borough, 5,257; Munhall borough, 5,185.

St. Louis district.—Missouri: Wellston city, 7,312; Webster Groves city, 7,080; Illinois: East St. Louis city, 63,647; Granite city, 9,903; Madison village, 6,046.

San Francisco-Oakland district.—Berkeley city, 40,434; Alameda city, 28,383; Richmond city, 6,902; San Rafael city, 5,934.

Cleveland district.—Lakewood city, 15,181; East Cleveland city, 9,179; Newburgh city, 5,513.

Cincinnati district.—Ohio: Norwood city, 16,185; Madisonville city, 5,103; St. Bernard city, 5,002; Kentucky: Covington city, 53,270; Newport city, 30,309; Dayton city, 6,970; Bellevue city, 6,683.

Detroit district.—Wisconsin: Wauwatosa city, 8,287.

Buffalo district.—Michigan: Livonia city, 14,840; North Tonawanda city, 11,955; Tonawanda city, 8,230.

Los Angeles district.—Pasadena city, 30,291; Long Beach city, 17,809; Santa Monica city, 7,847; Alhambra city, 5,621.

Milwaukee district.—West Allis city, 6,645; South Milwaukee city, 6,092.

Providence district.—Pawtucket city, 51,022; Warwick town, 26,629; Central Falls city, 22,754; Cranston city, 21,107; East Providence town, 18,808; Cumberland town, 10,107; Lucida town, 9,525; Johnston town, 6,935; North Providence city, 6,400.

Washington district.—Alexandria city (Va.), 15,320.

Kansas City (Mo. and Kans.) district.—Rosedale city (Kans.), 5,960.

Louisville district.—Indiana: New Albany city, 20,025; Jeffersonville city, 10,412.

POPULATION OF INDIVIDUAL CITIES.

The statistics of population for individual cities and other incorporated places having, in 1910, 2,500 inhabitants or more are given in this section.

Table 27 shows the population of cities having, in 1910, 25,000 inhabitants or more as reported at the censuses of 1910, 1900, and 1890, with the per cent of increase from 1900 to 1910 and from 1890 to 1900.

Table 28 (pp. 65 to 75) shows the population of incorporated places and New England towns having, in 1910, 2,500 inhabitants or more, alphabetically arranged by states, as reported at the last three Federal censuses, namely, those of 1910, 1900, and 1890.

In using the figures given in these tables, it should be remembered that, in some instances, the growth of a city or other incorporated place may have been due in part to annexation of suburban territory. Except in the cases of New York City, Pittsburgh, and a few other similar consolidations mentioned in footnotes

to these tables, no allowance has been made for such annexations.

Of the 225 cities of 25,000 inhabitants or more for which comparative figures for the two decades are given, 153 showed a greater absolute increase in the decade 1900 to 1910 than in the preceding decade, and 114 of these showed also a higher percentage of increase.

As regards rates of increase from 1900 to 1910, the cities having at least 25,000 inhabitants are distributed as shown in the following table:

	RATE OF INCREASE: 1900-1910	United States.	Northern states.	Southern states.	Western states.
Total		229	167	44	18
Over 100 per cent.		22	4	0	9
70 to 100 per cent.		17	9	7	1
50 to 70 per cent.		29	22	3	4
30 to 50 per cent.		54	45	6	2
20 to 30 per cent.		31, 140	39	16	2
10 to 20 per cent.		42	36	6	.....
Under 10 per cent.		15	9	6	.....
Decrease.		3	2	1	.....

POPULATION OF CITIES HAVING, IN 1910, 25,000 INHABITANTS OR MORE, WITH PER CENT OF INCREASE: 1890-1910.

CITY.	POPULATION.			PER CENT OF INCREASE. ¹		CITY.	POPULATION.			PER CENT OF INCREASE. ¹	
	1910	1900	1890	1900-1910	1890-1900		1910	1900	1890	1900-1910	1890-1900
Alabama											
Birmingham	132,685	38,415	26,178	245.4	46.7						
Mobile	51,521	38,409	31,076	33.9	23.8						
Montgomery	38,130	30,346	21,833	25.7	35.7						
Arkansas											
Little Rock	45,941	38,307	25,874	19.9	48.1						
California											
Berkeley	40,434	13,214	5,101	206.0	159.0						
Los Angeles	319,198	102,479	50,395	211.5	103.4						
Oakland	150,174	66,900	48,682	124.3	37.5						
Pasadena	30,291	9,117	4,882	232.2	86.7						
Sacramento	44,696	29,282	26,386	52.6	11.0						
San Diego	39,578	17,700	16,189	123.6	9.5						
San Francisco	416,812	342,782	298,997	21.6	14.6						
San Jose	28,946	21,500	18,060	34.6	19.0						
Colorado											
Colorado Springs	29,078	21,085	11,140	37.9	89.3						
Denver	213,381	133,859	106,713	59.4	25.4						
Pueblo	44,395	28,187	24,558	57.7	14.7						
Connecticut											
Bridgeport ²	102,054	70,996	48,806	43.7	45.3						
Hartford	98,475	79,850	53,500	46.0	50.0						
Meriden town	32,066	28,695	25,423	11.7	12.9						
Meriden city	27,265	24,296	21,652	12.2	12.2						
New Britain ²	43,916	25,998	16,519	68.9	57.4						
New Haven ²	133,636	108,027	81,238	23.7	22.9						
Norwich town	28,219	24,637	23,048	14.5	6.9						
Stamford town	28,836	18,839	15,700	53.1	20.0						
Stamford city	25,158	15,897	.....	57.1	.....					
Waterbury ²	73,141	45,859	28,046	59.5	60.1						
Delaware											
Wilmington	87,411	76,808	61,431	14.3	24.5						
District of Columbia											
Washington ³	331,069	278,718	230,392	18.8	21.0						
Florida											
Jacksonville	57,699	28,429	17,201	103.0	65.3						
Tampa	37,782	15,839	5,532	138.8	186.3						
Georgia											
Atlanta	154,839	89,872	65,533	72.3	37.1						
Augusta	41,040	39,441	33,300	4.1	18.4						
Macon	40,665	23,272	22,746	74.7	2.3						
Savannah	65,064	54,244	43,189	19.9	25.6						
Illinois											
Aurora	29,807	24,147	19,688	23.4	22.6						
Bloomington	25,768	23,286	20,484	10.7	13.7						
Chicago	2,188,283	1,698,575	1,099,850	28.7	54.4						
Danville	27,871	16,354	11,491	70.4	42.3						
Decatur	31,140	20,754	16,841	50.0	23.2						
East St. Louis	58,547	29,655	15,169	97.4	95.5						
Elgin	25,976	22,433	17,823	15.8	25.9						
Joliet	34,670	29,353	23,264	18.1	26.2						
Peoria	46,950	35,100	41,024	19.3	36.7						
Quincy	36,587	36,252	31,494	0.9	15.1						
Rockford	45,401	31,051	23,584	46.2	31.7						
Springfield	51,678	34,159	24,963	51.3	36.8						
Indiana											
Evansville	69,647	59,007	50,756	18.0	16.3						
Joliet	63,933	45,115	35,393	41.7	27.5						
Indianapolis	233,650	169,164	103,436	38.1	60.4						
South Bend	33,684	33,999	21,819	49.1	65.0						
Terre Haute	58,157	36,673	30,217	58.6	21.4						
Iowa											
Cedar Rapids	32,811	25,656	18,020	27.9	42.4						
Clinton	25,577	22,698	13,619	12.7	66.7						
Council Bluffs	29,292	25,802	21,474	13.5	20.2						
Davenport	43,028	35,254	26,872	22.1	31.2						
Des Moines	80,368	62,139	50,093	39.0	24.0						
Dubuque	38,494	36,297	30,311	6.1	19.7						
Sioux City	47,828	33,117	37,806	44.4	-12.4						
Waterloo	26,693	12,580	6,674	112.2	88.5						
Kansas											
Kansas City	82,331	51,418	38,316	60.1	34.2						
Topeka	43,684	33,608	31,007	30.0	8.4						
Wichita	52,450	24,671	23,853	112.6	3.4						
Kentucky											
Covington	53,270	42,838	37,371	24.1	14.9						
Lexington	33,099	26,369	21,567	33.1	22.3						
Louisville	223,928	204,731	161,129	9.4	27.1						
Newport	30,309	28,301	24,918	7.1	13.6						
Louisiana											
New Orleans	339,075	287,104	242,039	18.1	18.6						
Shreveport	28,015	16,013	11,979	75.0	33.7						
Maine											
Lewiston	26,247	23,761	21,701	10.5	9.5						
Portland	58,571	50,145	36,425	16.8	37.7						
Maryland											
Baltimore	558,485	508,957	434,439	9.7	17.2						

¹ A minus sign (-) denotes decrease.

² Town and city now coextensive.

³ Population is for the District of Columbia, with which the city is coextensive.

POPULATION OF CITIES.

POPULATION OF CITIES HAVING, IN 1910, 25,000 INHABITANTS OR MORE, WITH PER CENT OF INCREASE: 1890-1910—Continued.

Table 27—Continued.	POPULATION.			PER CENT OF INCREASE. ¹		CITY.	POPULATION.			PER CENT OF INCREASE. ¹	
	1910	1900	1890	1900-1910	1890-1900		1910	1900	1890	1900-1910	1890-1900
Utah						West Virginia					
Ogden.....	25,580	16,313	14,889	56.8	9.6	Huntington.....	31,161	11,923	10,108	161.4	18.0
Salt Lake City.....	92,777	53,531	44,543	73.3	19.4	Wheeling.....	41,611	38,878	34,322	7.1	12.6
Virginia						Wisconsin					
Lynchburg.....	29,494	18,891	19,709	56.1	-4.2	Green Bay.....	25,236	18,684	9,069	35.1	106.0
Norfolk.....	67,432	46,624	34,871	44.7	33.7	La Crosse.....	30,417	28,995	25,090	5.3	15.2
Portsmouth.....	33,190	17,427	13,268	90.5	31.3	Madison.....	23,531	19,164	11,426	33.2	42.7
Richmond.....	127,628	85,650	81,388	50.1	4.5	Milwaukee.....	373,837	288,315	204,468	31.0	34.5
Roanoke.....	34,574	21,905	16,159	62.2	33.0	Oshkosh.....	33,662	28,284	22,836	16.9	23.9
Washington						Wisconsin					
Seattle.....	237,194	80,671	42,837	194.0	88.3	Racine.....	38,002	29,102	21,014	30.6	38.5
Spokane.....	104,402	36,548	19,922	183.3	85.0	Sheboygan.....	26,398	22,962	16,359	15.0	40.4
Tacoma.....	83,743	37,714	36,006	122.0	4.7	Superior.....	40,384	31,051	11,883	29.9	158.5

¹ A minus sign (-) denotes decrease.

POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

Table 28	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890
Alabama				Arkansas—Con.				California—Con.			
Alabama City town.....	4,313	2,276	.....	Fort Smith city.....	23,975	11,587	11,311	Orange city.....	2,920	1,216	866
Annisson city.....	12,794	9,655	9,998	Helen city.....	8,772	5,550	5,189	Pomona city.....	3,859	.....	.....
Attala town.....	2,513	1,652	1,254	Hope city.....	3,639	1,644	1,937	Porterville city.....	2,686	.....	.....
Bessemer city.....	10,824	6,358	4,544	Hot Springs city.....	14,434	9,973	8,086	Palo Alto city.....	4,486	1,658	.....
Birmingham city.....	132,685	38,415	26,178	Jonesboro city.....	7,123	4,508	2,065	Pasadena city.....	30,291	9,117	4,882
Deatur city.....	4,228	3,114	2,705	Little Rock city.....	45,941	38,307	25,574	Petaluma city.....	5,880	3,871	3,692
Dothan city.....	7,016	3,275	2,427	Malvern town.....	2,778	1,582	1,520	Redondo Beach city.....	10,207	5,526	3,634
Enfauca city.....	4,259	4,532	4,394	Marianna city.....	4,810	1,707	1,126	Riverside city.....	2,686	.....	.....
Florence city.....	6,689	6,473	6,012	Mena town.....	3,953	3,423	.....	Red Bluff city.....	3,530	2,750	2,608
Gadsden city.....	10,557	4,282	2,901	Newport town.....	3,557	2,566	1,571	Redding city.....	3,572	2,946	1,821
Girard city.....	4,214	3,540	.....	Paragould city.....	5,248	3,324	1,666	Redlands city.....	10,449	4,797	1,904
Greenville city.....	3,777	3,162	2,806	Pine Bluff city.....	15,102	11,496	9,957	Redondo Beach city.....	2,935	855	603
Huntsville town.....	7,611	8,063	7,995	Prescott town.....	2,705	2,005	1,282	Richmond city.....	2,686	.....	.....
Jasper town.....	2,509	1,661	730	Rogers town.....	2,820	2,158	1,263	Riverside city.....	15,212	7,973	4,683
Lanett town.....	3,820	2,909	777	Russellville city.....	2,936	1,832	1,321	Roseville city.....	2,608	.....	.....
Mobile city.....	51,521	38,469	31,076	Stuttgart city.....	2,740	1,258	1,165	Sacramento city.....	44,696	29,282	26,386
Montgomery city.....	38,136	30,346	21,883	Texarkana city.....	5,655	4,914	3,528	Salinas city.....	3,726	3,304	2,339
New Decatur city.....	6,118	4,437	3,565	Van Buren city.....	3,878	2,573	2,291	San Bernardino city.....	12,779	6,150	4,012
Opelika city.....	4,734	4,245	3,703	California				San Diego city.....	39,578	17,700	16,159
Phenix City.....	4,555	4,163	3,700	Alameda city.....	23,383	16,464	11,165	San Francisco city.....	416,912	342,782	298,997
Selma city.....	13,649	8,713	7,622	Alhambra city.....	5,021	.....	.....	San Jose city.....	28,946	21,500	18,000
Sheffield city.....	4,865	3,333	2,731	Anheim town.....	2,628	1,456	1,273	San Leandro city.....	3,471	2,253	.....
Taladega city.....	5,854	5,056	2,063	Bakersfield city.....	12,727	4,836	2,626	San Luis Obispo city.....	5,157	3,021	2,995
Troy city.....	4,961	4,097	3,449	Berkeley city.....	40,434	13,214	5,101	San Mateo city.....	4,384	1,832	.....
Tuscaloosa city.....	8,407	5,094	4,215	Chico city.....	3,750	2,640	2,894	San Rafael city.....	5,934	3,879	3,290
Tuscumbia city.....	3,324	2,348	2,491	Coalinga city.....	4,199	.....	.....	Santa Ana city.....	8,429	4,933	3,628
Tuskegee town.....	2,803	2,170	1,803	Colton city.....	3,980	1,288	1,315	Santa Barbara city.....	11,659	6,587	5,864
Union Springs town.....	4,055	2,634	2,049	Corona city.....	3,840	1,434	.....	Santa Clara town.....	4,348	3,650	2,891
Arizona				Emeryllville town.....	2,613	1,016	228	Santa Cruz city.....	11,146	6,659	5,986
Bisbee city.....	9,019	.....	.....	Eureka city.....	11,845	7,327	4,858	Santa Monica city.....	7,947	3,037	1,580
Clifton city.....	4,574	.....	.....	Glendale city.....	2,746	.....	.....	Santa Rosa city.....	7,817	6,673	5,220
Douglas city.....	7,083	.....	.....	Grand Valley city.....	4,520	4,719	.....	South Pasadena city.....	4,649	1,001	623
Globe city.....	3,514	1,761	1,194	Ilanor city.....	4,829	2,929	942	Stockton city.....	23,253	17,506	14,424
Phoenix city.....	11,134	5,544	3,152	Hayward town.....	2,746	1,965	1,419	Tulare city.....	2,758	2,216	2,697
Prescott city.....	5,092	3,559	1,759	Lodi city.....	2,697	.....	.....	Vallejo city.....	11,940	7,955	6,948
Tucson city.....	13,193	7,531	5,150	Long Beach city.....	17,808	2,252	564	Ventura city.....	2,945	2,470	2,320
Yuma town.....	2,914	.....	.....	Los Angeles city.....	319,188	102,475	50,385	Visalia city.....	4,550	3,085	2,885
Arkansas				Marysville city.....	5,430	3,497	3,991	Watsonville city.....	4,446	3,528	2,149
Argenta city.....	11,138	.....	.....	Milledgeville city.....	3,102	1,969	2,009	Whittier city.....	4,550	1,980	883
Arkadelphia city.....	2,745	2,739	2,455	Mineral Wells town.....	2,551	.....	.....	Woodland city.....	3,157	2,388	3,069
Batesville city.....	3,399	2,327	2,150	Modesto city.....	4,034	2,024	2,402	Colorado			
Blytheville town.....	3,849	302	.....	Monrovia city.....	3,576	1,205	907	Alamosa town.....	3,013	1,141	973
Camden city.....	3,995	2,840	2,571	Monterey city.....	4,923	1,748	1,662	Boulder city.....	9,539	6,150	3,330
Conway city.....	2,794	2,003	1,207	Napa city.....	5,791	4,036	4,395	Cannon City.....	5,162	3,775	2,385
El Dorado city.....	4,202	1,069	455	Nevada City.....	2,689	3,250	2,524	Colorado City.....	4,333	2,914	1,783
Eureka Springs city.....	3,228	3,572	3,706	Oakland city.....	150,174	66,900	48,682	Colorado Springs city.....	29,078	21,085	11,140
Fayetteville city.....	4,471	4,961	2,942	Ocean Park city.....	3,119	.....	.....		
Forcyde city.....	2,794	1,710	930	Ontario city.....	4,274	722	683				

¹ Joint population of Texarkana City, Miller County, Ark., and Texarkana City, Bowie County, Tex.: 1910, 15,445; 1900, 10,170; 1890, 6,380.

POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

Table 28—Con.	CITY, TOWN, VILLAGE, OR BOROUGH.			CITY, TOWN, VILLAGE, OR BOROUGH.			CITY, TOWN, VILLAGE, OR BOROUGH.			CITY, TOWN, VILLAGE, OR BOROUGH.		
	1910	1900	1890	1910	1900	1890	1910	1900	1890	1910	1900	1890
Iowa—Con.												
Belle Plaine city.....	3,121	3,253	2,623	Garden city.....	3,171	1,590	1,490	Kennett town.....	3,609	1,313	.....	.....
Boone city.....	10,347	8,880	6,520	Great Bend city.....	4,622	2,470	2,450	Lafayette town.....	6,392	3,314	2,106	.....
Burlington city.....	24,324	23,201	22,065	Herington city.....	3,273	1,007	1,353	Lake Charles city.....	11,449	6,680	3,442	.....
Carroll city.....	3,546	2,848	2,458	Hawthorn city.....	2,974	2,829	2,486	Linden town.....	3,002	1,561	1,298	.....
Cedar Falls city.....	5,012	5,319	3,459	Holton city.....	2,842	3,082	2,727	Monroe city.....	10,209	5,428	3,256	.....
Cedar Rapids city.....	32,811	28,656	18,620	Horton city.....	3,600	3,398	3,316	Morgan City.....	5,477	2,332	2,291	.....
Centerville city.....	6,936	5,256	3,668	Humboldt city.....	2,318	1,402	1,361	Natchitoches town.....	2,532	2,888	1,820	.....
Chariton city.....	3,794	3,889	3,122	Hutchinson city.....	16,364	9,379	6,882	New Iberia city.....	7,499	6,815	3,447	.....
Charles City.....	5,892	4,227	2,802	Independence city.....	10,450	4,851	3,127	New Orleans city.....	339,075	287,104	242,039	.....
Cherokee city.....	4,884	3,805	3,441	Iola city.....	9,032	5,791	1,706	Opelousas town.....	4,023	2,951	1,572	.....
Clarinda city.....	3,832	3,276	3,262	Junction city.....	5,598	4,695	4,502	Patterson town.....	4,955	3,590	3,222	.....
Clinton city.....	25,577	22,698	19,619	Kansas City.....	82,331	51,418	38,316	Plaquemine town.....	4,855	3,590	3,222	.....
Colfax city.....	2,524	2,653	957	Kingman city.....	2,570	1,785	2,390	Ruston town.....	3,377	1,324	767	.....
Council Bluffs city.....	23,802	20,822	21,474	Larimer city.....	2,911	1,553	1,861	Shreveport city.....	28,015	16,013	11,979	.....
Geico city.....	2,658	2,306	2,018	Lawrence city.....	12,374	10,862	9,997	Thibodaux town.....	3,824	3,253	2,078	.....
Creston city.....	6,924	7,752	7,200	Leavenworth city.....	19,363	20,735	19,763	Winfield town.....	2,925	.....	.....	.....
Decorah city.....	3,592	3,246	2,801	McPherson city.....	5,546	2,996	3,172	Maine				
Denison city.....	3,133	2,771	1,782	Manhattan city.....	5,722	3,438	3,004	Anburn city.....	15,064	12,951	11,250	.....
Des Moines city.....	86,308	62,139	50,993	Neesha city.....	2,872	1,772	1,528	Angus city.....	13,211	11,683	10,529	.....
Dubuque city.....	38,494	36,297	30,311	Newton city.....	7,862	6,208	5,605	Bangor city.....	24,803	21,850	19,103	.....
Eagle Grove city.....	3,357	3,557	1,881	Olathe city.....	3,272	3,451	3,294	Bath city.....	9,396	10,477	8,723	.....
Estherville city.....	3,404	3,235	1,475	Oswatimie city.....	4,046	4,191	2,662	Bellast city.....	4,618	4,615	5,294	.....
Fairfield city.....	4,974	4,658	3,291	Osawa city.....	7,650	6,934	6,248	Biddford city.....	17,079	16,145	14,443	.....
Fort Dodge city.....	15,543	12,162	4,871	Paola city.....	3,207	3,144	2,943	Brewer city.....	5,667	4,835	4,193	.....
Fort Madison city.....	8,900	9,278	7,901	Parsons city.....	12,403	7,682	6,736	Bridgton town.....	2,660	2,608	2,605	.....
Forestburg city.....	3,440	3,440	1,786	Pittsburg city.....	14,755	10,112	6,697	Braswick town.....	6,621	6,806	6,012	.....
Grinnell city.....	5,036	3,860	3,332	Radcliff city.....	5,235	4,418	2,776	<i>Braswick village</i>	6,410	6,410	6,122	.....
Hampton city.....	2,617	2,727	2,067	Rosalee city.....	5,960	3,270	2,776	Calais city.....	6,116	7,655	7,020	.....
Harlan city.....	2,570	2,422	1,765	Salina city.....	9,688	6,074	6,149	Camden town.....	3,015	2,825	4,621	.....
Independence city.....	3,517	3,656	3,163	Salina city.....	9,688	6,074	6,149	Caribou town.....	5,377	4,758	4,037	.....
Indianola city.....	3,283	3,261	2,254	Topka city.....	43,684	33,608	31,007	Chelsea town.....	3,216	3,092	2,356	.....
Iowa City.....	10,091	7,987	7,016	Wellington city.....	7,034	4,245	4,391	Dexter town.....	3,530	2,941	2,732	.....
Iowa Falls city.....	2,797	2,840	1,786	Wichita city.....	52,450	24,671	23,553	East Livermore town.....	2,041	2,129	1,506	.....
Keokuk city.....	14,008	14,641	14,101	Winfield city.....	6,700	5,554	5,184	Kentucky				
Keosauqua city.....	3,190	3,131	2,632									
Le Mars city.....	4,146	4,036	2,632	Ashton city.....	8,688	6,800	4,195	Eastport city.....	4,961	5,311	4,908	.....
Manchester city.....	2,758	2,887	2,344	Bellvue city.....	6,332	3,326	3,326	Eden town.....	4,441	4,379	1,946	.....
Maquoketa city.....	3,570	3,777	3,077	Bowling Green city.....	9,173	8,202	7,803	Ellsworth city.....	3,549	4,297	4,804	.....
Marion city.....	4,400	4,102	3,094	Cadetsburg city.....	3,520	3,081	1,374	Fairfield town.....	4,433	3,878	3,510	.....
Marshalltown city.....	13,374	11,544	8,914	Central City town.....	2,545	1,248	1,144	<i>Fairfield village</i>	2,801	2,228	2,160	.....
Mason City.....	11,230	6,746	4,007	Corbin town.....	2,589	1,544	.....	Farrington town.....	3,210	3,288	3,288	.....
Missouri Valley city.....	3,187	4,010	2,737	Covington city.....	53,270	42,968	37,371	Fort Fairfield town.....	4,381	4,481	3,526	.....
Mount Pleasant city.....	4,109	4,073	2,967	Cynthiana city.....	3,603	3,257	3,016	Fort Kent town.....	3,210	3,288	3,288	.....
Muscateine city.....	16,178	14,073	11,454	Davton city.....	4,283	4,283	4,283	Gardiner city.....	5,311	5,501	5,491	.....
Mystic town.....	2,663	1,758	875	Dayton city.....	6,979	6,204	4,204	Gerham town.....	2,822	2,540	2,888	.....
Newtown city.....	3,905	3,682	2,664	Earlington city.....	3,931	3,012	1,748	Hallowell city.....	2,864	2,714	3,181	.....
Oswego city.....	6,028	5,142	830	Frankfort city.....	10,435	9,457	7,832	Houlton town.....	5,845	4,686	4,015	.....
Oskaloosa city.....	9,406	9,212	6,558	Franklin city.....	3,063	2,166	2,324	Jay town.....	2,987	2,758	1,541	.....
Ottumwa city.....	22,012	18,197	14,601	Fulton town.....	2,575	2,560	1,818	Kenneth town.....	3,099	3,228	3,172	.....
Pella city.....	3,021	2,623	2,405	Georgetown town.....	4,533	3,823	.....	Kittery town.....	3,533	2,572	2,864	.....
Perry city.....	4,630	3,986	2,830	Harrodsburg town.....	3,147	2,876	3,230	Lewisville city.....	26,247	23,761	21,701	.....
Preston city.....	4,839	4,355	3,521	Henderson city.....	11,452	10,272	8,835	Lisbon town.....	4,116	3,603	3,120	.....
Sheldahl city.....	2,941	2,252	1,478	Hickman town.....	2,736	1,859	1,652	Lubbock town.....	3,363	3,065	2,069	.....
Shenandoah city.....	4,976	3,573	2,440	Hopkinsville city.....	9,419	7,290	5,833	Madison town.....	3,379	2,764	1,815	.....
Sion City.....	47,828	33,111	37,895	Lexington city.....	35,099	26,369	21,567	Madisonville town.....	3,368	3,368	3,368	.....
Spencer city.....	3,905	3,905	1,818	Louisville city.....	22,928	204,731	161,129	Miltocket town.....	2,556	1,150	1,029	.....
Valley Junction city.....	2,573	1,700	1,000	Ludlow town.....	4,163	3,334	2,469	Milo town.....	2,556	1,150	1,029	.....
Vinton city.....	3,336	3,499	2,865	Madisonville city.....	4,966	3,628	2,212	Norway town.....	3,002	2,902	2,665	.....
Washington city.....	4,380	4,255	3,235	Mayfield city.....	5,916	4,081	2,909	Old Town city.....	6,217	5,316	5,316	.....
Waterloo city.....	26,693	12,580	6,674	Maysville city.....	6,141	6,423	5,358	Orono town.....	3,555	3,257	2,790	.....
Waverly city.....	3,205	3,177	2,346	Meriden city.....	7,305	4,162	3,271	Paris town.....	3,436	3,235	3,156	.....
Webster city.....	5,208	4,613	2,829	Merzonia city.....	4,725	2,046	1,692	Pittsfield town.....	2,891	2,891	2,503	.....
Winnetek city.....	2,815	3,039	2,281	Mount Sterling city.....	3,932	3,561	3,629	Portland city.....	58,571	50,145	36,425	.....
Kansas												
Abilene city.....	4,118	3,507	3,547	Newport city.....	30,300	28,301	24,918	Presque Isle town.....	5,179	3,304	3,046	.....
Anthony city.....	2,669	1,179	1,906	Nicholsville city.....	2,935	2,393	1,157	<i>Presque Isle village</i>	1,858	1,858	1,858	.....
Arkansas City.....	7,508	6,140	8,347	Owensboro city.....	16,011	13,189	9,837	Rumford town.....	8,174	8,150	8,174	.....
Atchison city.....	16,429	15,722	13,953	Paducah city.....	12,740	12,740	12,737	<i>Rumford Falls village</i>	5,487	5,487	5,487	.....
Beloit city.....	3,682	2,359	2,455	Paris city.....	5,859	4,603	4,218	Saco city.....	6,583	6,122	6,075	.....
Caney city.....	3,597	887	542	Princeton town.....	3,015	2,556	1,857	Sanford town.....	9,049	6,078	4,201	.....
Chanania city.....	9,272	4,208	2,826	Richmond city.....	5,340	4,653	5,073	Skowhegan town.....	5,341	5,180	5,083	.....
Cherryvale city.....	4,394	3,472	2,536	Russellville city.....	3,111	2,691	2,253	South Berwick town.....	2,935	3,188	3,434	.....
Clay Center city.....	3,438	3,069	2,802	Shelbyville city.....	3,432	3,016	2,679	South Portland city.....	7,471	6,287	.....	.....
Colleyville city.....	12,687	4,953	2,282	Somersett city.....	4,491	3,384	2,625	Van Duren town.....	3,665	1,878	1,168	.....
Columbus city.....	3,064	2,310	2,160	Winchester city.....	7,156	5,964	4,519	Waldoboro town.....	2,656	3,145	3,505	.....
Concordia city.....	4,415	3,401	3,184	Louisiana								
Council Grove city.....	2,245	2,205	2,104	Alexandria city.....	11,213	5,648	637	Waterville city.....	11,458	9,477	7,107	.....
Dodge city.....	3,214	1,942	1,763	Baton Rouge city.....	14,827	11,269	692	Westbrook city.....	8,281	7,283	6,632	.....
Eldorado city.....	3,129	3,466	3,339	Covington town.....	2,601	1,265	976	Winstlow town.....	2,709	2,277	1,814	.....
Emporia city.....	9,065	8,223	7,551	Crowley city.....	5,099	4,214	420	York town.....	2,802	2,668	2,444	.....
Fort Scott city.....	10,463	10,322	11,040	Danldonville town.....	4,090	4,105	3,121	Maryland				
Frederonia city.....	3,640	1,650	1,515	Franklin town.....	3,857	2,692	2,127	Annapolis city.....	8,609	8,525	7,604	.....
Frontenac city.....	3,936	3,815	3,899	Hammond town.....	2,942	1,511	692	Baltimore city.....	558,485	508,957	434,439	.....
Galena city.....	6,096	10,155	2,496	Hanna town.....	3,212	3,094	1,290	Branswick town.....	3,721	2,471	1,847	.....
				Jennings town.....	3,925							

POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

Table 28—Con.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890
Minnesota				Missouri—Con.				Nebraska—Con.			
Albert Lea city.....	6,192	4,500	3,305	Cape Girardeau city.....	5,475	4,815	4,297	Fremont city.....	8,718	7,241	6,747
Andrus city.....	3,001	2,881	2,118	Carrollton city.....	3,482	3,854	3,878	Grand Island city.....	10,332	7,877	7,536
Anoka city.....	3,972	3,769	4,252	Cartersville city.....	4,539	4,445	4,284	Hastings city.....	9,338	7,183	13,584
Austin city.....	6,960	5,474	3,901	Carthage city.....	9,483	9,416	7,981	Havelock village.....	2,680	1,480	
Bemidji city.....	5,099	2,183		Caruthersville city.....	3,655	2,315	230	Holdrege city.....	3,030	3,007	2,601
Braided city.....	8,526	7,524	5,703	Charleston city.....	3,144	1,893	1,381	Kearney city.....	6,202	5,634	8,074
Brainerd village.....	7,684			Chillicothe city.....	6,265	6,905	5,717	Lincoln city.....	43,973	40,169	55,154
Cloquet city.....	7,031	3,072	2,590	Clinon city.....	4,992	5,061	4,737	McCook city.....	3,765	2,445	2,346
Crookston city.....	7,530	5,359	3,457	Commerce city.....	9,662	8,651	4,000	Nebraska City.....	5,488	7,380	11,941
Detroit city.....	2,807			De Soto city.....	4,721	5,611	3,960	Norfolk city.....	6,025	3,883	3,038
Duluth city.....	78,466	52,969	33,115	Eldorado Springs city.....	2,503	2,137	1,543	North Platte city.....	17,993	3,640	3,655
East Grand Forks city.....	2,533	2,077	795	Excelsior Springs city.....	3,900	1,881	2,034	Omaha city.....	124,056	102,845	140,432
Ely city.....	3,572	3,717	901	Farmington city.....	2,613	1,778	1,394	Plattsmouth city.....	4,287	4,964	8,392
Evelaeth city.....	7,036	2,752		Fayette city.....	2,586	2,717	2,247	South Omaha city.....	26,259	26,001	8,862
Fairmont city.....	2,958	3,040	1,205	Festus city.....	2,556	1,256	1,335	University Place village.....	3,900	1,130	571
Fairbairn city.....	9,001	7,868	6,000	Flat River city.....	5,112			Wymore city.....	2,613	2,626	4,220
Fergus Falls city.....	6,887	6,072	3,772	Fredericktown city.....	2,622	1,577	917	York city.....	6,235	5,132	3,405
Hastings city.....	3,983	3,811	3,705	Fulton city.....	5,238	3,853	4,314	Nevada			
Hibbing village.....	8,832	2,481		Hannibal city.....	18,341	12,780	12,857	Reno city.....	10,867	4,500	3,563
Lake City.....	3,142	2,744	2,128	Higginsville city.....	2,628	2,791	2,342	Sparks city.....	2,500		
Little Falls city.....	6,078	5,774	2,354	Independence city.....	9,859	6,974	6,330	New Hampshire			
Lytton city.....	2,540	2,223	1,466	Jefferson City.....	11,850	9,664	6,742	Berlin city.....	11,780	8,886	8,729
Mankato city.....	10,365	10,599	8,838	Joplin city.....	32,073	26,023	9,943	Clarendon town.....	7,529	6,498	5,765
Melrose city.....	2,591	1,768	780	Kansas City.....	248,381	163,752	132,716	Concord city.....	21,497	19,632	17,004
Minneapolis city.....	301,408	202,718	164,738	Kennett city.....	3,033	1,509	302	Conway town.....	3,413	3,154	2,331
Montevideo city.....	3,056	2,146	1,437	Kirkville city.....	6,347	5,966	3,510	Derry town.....	5,123	3,583	2,604
Montrose city.....	4,840	3,730	2,088	Kirkwood city.....	4,171	2,825	1,777	Dover city.....	13,247	13,207	12,790
New Ulm city.....	5,048	5,483	3,741	Lexington city.....	5,242	4,190	4,537	Exeter town.....	4,897	4,922	4,284
Northfield city.....	3,265	3,210	2,659	Liberty city.....	2,980	3,407	2,538	Farmington town.....	2,621	2,265	3,064
Owatonna city.....	5,658	5,561	3,849	Louisiana city.....	4,454	5,131	5,090	Franklin city.....	6,132	5,846	4,085
Red Wing city.....	9,048	7,535	6,294	Macon city.....	3,584	4,068	3,371	Geoffstown town.....	2,579	2,528	1,981
Richfield village.....	2,673			Maplewood city.....	4,976			Haverhill town.....	3,498	3,414	2,545
Rochester city.....	7,844	6,843	5,321	Marceline city.....	3,920	2,638	1,977	Keene city.....	10,063	9,165	7,446
St. Cloud city.....	10,600	8,663	7,686	Marshall city.....	4,869	5,086	4,297	Laconia city.....	10,168	8,042	6,143
St. Paul city.....	214,744	163,065	133,156	Marvyle city.....	4,762	4,577	4,037	Lancaster town.....	3,054	3,190	3,763
St. Peter city.....	4,176	4,302	3,671	Mexico city.....	5,939	5,099	4,789	Lebanon town.....	5,718	4,965	3,373
South St. Paul city.....	4,510	2,322	2,242	Moberly city.....	10,923	8,112	6,619	Littleton town.....	4,069	4,066	3,365
Staples city.....	204,558	504,585	504,585	Neodesha city.....	4,177	3,015	1,255	Littonville village.....	8,059		
St. James city.....	10,138	12,918	11,360	Nesho city.....	2,461	2,725	2,198	Manchester city.....	70,063	56,987	44,126
Thief River Falls city.....	3,714	1,819	191	Nevala city.....	7,176	7,461	7,262	Milford town.....	3,939	3,739	3,014
Two Harbors city.....	4,900	3,278	2,062	Nepair Bluff city.....	6,916	4,321	2,187	Nashua city.....	26,005	23,898	19,311
Virginia city.....	10,473	2,962	2,487	Rich Hill city.....	2,755	4,053	4,008	Newmarket town.....	3,348	2,892	2,742
Wabasha city.....	2,622	2,538	2,487	Richmond city.....	3,864	3,478	2,895	Newport town.....	3,765	3,126	2,623
Waseca city.....	3,054	3,103	2,482	St. Charles city.....	9,447	7,982	6,161	Pembroke town.....	3,002	3,183	3,172
West Minneapolis village.....	3,022	1,648		St. Joseph city.....	77,403	102,979	52,324	Portsmouth city.....	11,269	10,637	9,827
West St. Paul city.....	2,660	1,830	1,596	St. Louis city.....	687,029	575,238	451,770	Rochester city.....	8,868	8,466	7,936
Willmar city.....	4,135	4,095	3,845	Sedalia city.....	17,822	15,231	14,068	Somersworth city.....	6,704	7,023	6,207
Winona city.....	18,983	19,714	18,208	Selma city.....	3,327	3,077	2,636	Walpole town.....	2,668	2,693	2,163
Springfield city.....	35,201	27,267	21,830	Slater city.....	3,288	2,002	2,400	New Jersey			
Tranton city.....	5,656	3,396	5,039	Springfield city.....	35,201	27,267	21,830	Asbury Park city.....	10,150	4,148	
Warrensburg city.....	4,689	4,724	4,796	Tranton city.....	5,656	3,396	5,039	Atlantic City.....	46,150	27,838	13,055
Washington city.....	3,670	3,015	2,725	Warrensburg city.....	4,689	4,724	4,796	Bayonne city.....	55,545	32,722	19,033
Webb City.....	11,817	9,291	5,043	Washington city.....	3,670	3,015	2,725	Bloomfield town.....	15,070	9,668	
Webster Groves city.....	7,080	1,886	1,783	Webb City.....	11,817	9,291	5,043	Boonton town.....	4,930	3,901	
Wellston city.....	7,312			Wellston city.....	7,312			Bordentown city.....	4,250	4,110	4,232
West Plains city.....	2,914	2,902	2,091	West Plains city.....	2,914	2,902	2,091	Bound Brook borough.....	3,970	2,622	1,462
Montana				Nebraska				New York			
Anaconda city.....	10,134	9,453	3,975	Albion city.....	10,134	9,453	3,975	Bridgeton city.....	14,209	13,913	11,424
Billings city.....	10,613	8,221	8,021	Albion city.....	10,613	8,221	8,021	Burlington city.....	7,392	7,392	7,394
Bozeman city.....	5,107	3,419	2,143	Bozeman city.....	5,107	3,419	2,143	Canton city.....	94,338	75,825	58,313
Butte city.....	39,165	30,470	10,723	Butte city.....	39,165	30,470	10,723	Carlstadt borough.....	3,807	2,574	1,549
Deer Lodge city.....	2,570	1,324	1,463	Deer Lodge city.....	2,570	1,324	1,463	Chillico Park borough.....	3,394	968	
Great Falls city.....	13,948	14,930	3,979	Great Falls city.....	13,948	14,930	3,979	Collingswood borough.....	4,795	1,633	539
Haven town.....	3,624	1,033		Haven town.....	3,624	1,033		Dover town.....	7,468	5,938	
Helena city.....	12,515	10,770	13,834	Helena city.....	12,515	10,770	13,834	East Newark borough.....	3,163	2,500	
Missoula city.....	5,549	2,526		Missoula city.....	5,549	2,526		East Orange city.....	34,371	21,506	
Lewistown city.....	2,982	1,096		Lewistown city.....	2,982	1,096		East Rutherford borough.....	4,275	2,640	
Livingston city.....	5,359	2,778	2,850	Livingston city.....	5,359	2,778	2,850	Edgewater borough.....	2,655	1,006	
Miles City.....	4,407	1,908	856	Miles City.....	4,407	1,908	856	Elizabeth city.....	73,406	52,130	37,764
Missoula city.....	12,569	4,366	3,426	Missoula city.....	12,569	4,366	3,426	Englewood city.....	6,924	6,253	
Red Lodge city.....	4,860	2,152	624	Red Lodge city.....	4,860	2,152	624	Flemington village.....	2,606	2,145	1,977
Nebraska				New York				Ohio			
Alliance city.....	3,105	2,535	829	Alliance city.....	3,105	2,535	829	Fremont city.....	4,472	4,602	2,932
Auburn city.....	2,729	2,664	1,537	Auburn city.....	2,729	2,664	1,537	Fredericktown city.....	3,213	3,934	2,928
Aurora city.....	2,630	1,921	1,862	Aurora city.....	2,630	1,921	1,862	Garfield borough.....	10,233	3,504	1,028
Beatrice city.....	6,536	7,875	13,836	Beatrice city.....	6,536	7,875	13,836	Glen Ridge borough.....	3,260	1,960	
Benson city.....	3,170	2,570		Benson city.....	3,170	2,570		Gloicester city.....	9,462	6,840	6,564
Blair city.....	2,584	2,970	2,069	Blair city.....	2,584	2,970	2,069	Guldenburg town.....	5,647	3,825	1,947
Charlton city.....	2,087	1,665	1,867	Charlton city.....	2,087	1,665	1,867	Hackensack town.....	14,050	9,443	6,004
Columbus city.....	5,014	3,522	3,134	Columbus city.....	5,014	3,522	3,134	Hackettstown town.....	2,715	2,474	2,417
Fairbury city.....	5,294	3,140	2,630	Fairbury city.....	5,294	3,140	2,630	Haddonfield borough.....	4,142	2,776	2,502
Falls City.....	3,255	3,022	2,102	Falls City.....	3,255	3,022	2,102	Haledon borough.....	2,568	2,500	
								Hammonton town.....	5,080	3,481	3,833
								Harrison town.....	14,498	10,596	8,338
								Hawthorne borough.....	3,490	2,096	
								Hoboken city.....	70,324	59,364	43,648

POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

Table 28—Con.	1910			1900			1890			CITY, TOWN, VILLAGE, OR BOROUGH.			1910			1900			1890						
CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890						
North Carolina—Con.																									
Lexington town.....	4,163	1,234	1,440	Ohio—Con.																					
Monroe city.....	3,482	2,427	1,806	Elyria city.....	14,825	8,791	5,611	Ohio—Con.																	
Moore's town.....	4,060	4,333	886	Findlay city.....	14,858	17,613	18,553	Wadsworth village.....	3,073	1,764	1,574	Wapakoneta city.....	5,349	5,915	3,616										
Morgan town.....	2,712	1,938	1,567	Fostoria city.....	9,597	7,730	7,070	Warren city.....	11,081	8,529	5,973	Washington, C. O. city.....	11,081	8,529	5,973										
Mount Airy town.....	3,844	2,680	1,708	Frederick village.....	2,724	2,724	2,724	Washington, C. O. city.....	11,081	8,529	5,973	House city.....	7,277	5,751	5,742										
Newbern city.....	9,961	9,090	7,843	Gallion city.....	4,246	5,432	6,326	Wauson village.....	2,650	2,148	2,060	Wellston city.....	6,875	8,045	4,377										
Oxford town.....	19,218	2,959	2,907	Garard village.....	3,736	2,630	4,498	Wellsville city.....	7,769	6,146	5,247	Wellington city.....	4,491	3,613	3,079										
Raleigh city.....	9,961	13,643	12,678	Gloster village.....	2,527	2,155	2,460	Woodfield village.....	5,272	1,801	1,031	Wilmington city.....	4,491	3,613	3,079										
Reidsville town.....	4,828	3,262	2,969	Greenfield village.....	4,228	3,979	2,460	Wooster city.....	6,136	6,063	5,901	Xenia city.....	8,706	8,696	7,201										
Rocky Mount town.....	8,051	2,937	816	Greenville city.....	6,237	5,501	4,743	Youngstown city.....	79,064	44,885	33,220	Zanesville city.....	28,026	23,538	21,009										
Salem town.....	5,533	3,642	2,711	Hamilton city.....	35,279	23,914	17,565	Oklahoma																	
Salisbury city.....	7,133	6,277	4,418	Hartwell village.....	2,823	1,863	1,507	Ada city.....	4,249	3,257	2,036	Altus city.....	4,821	1,927	.....									
Shelby town.....	3,127	1,874	1,394	Hillsboro village.....	4,246	4,538	3,620	Alta city.....	3,688	2,800	1,499	Anadarko city.....	3,439	2,190	.....									
Statesville city.....	4,599	3,143	2,318	Ironton city.....	13,147	11,838	10,939	Ardmore city.....	8,618	8,759	5,681	Barleesville city.....	6,181	4,215	698										
Tarboro town.....	4,129	2,499	1,924	Jackson city.....	5,468	4,672	4,320	Blackwell city.....	3,266	2,644	2,283	Blackwell city.....	10,320	7,832	3,209										
Thomasville town.....	3,877	751	590	Kenton city.....	7,185	6,852	5,557	Claremore city.....	2,860	2,064	855	Clinton city.....	2,781	1,278	.....									
Washington city.....	6,211	4,842	3,545	Lakewood city.....	15,181	13,355	.....	Coalgate city.....	3,255	2,921	2,614	Durant city.....	5,320	4,510	2,969									
Wilson town.....	25,748	20,976	20,056	Lebanon city.....	13,093	8,991	7,555	El Reno city.....	7,872	5,370	3,383	Elk City.....	3,165	2,196	.....									
Winston city.....	17,167	10,008	8,018	Lebanon village.....	2,698	2,867	3,050	Enid city.....	19,739	10,087	8,444	Frederick city.....	3,027	2,036	.....									
North Dakota																									
Bismarck city.....	5,443	3,319	2,186	Leonia village.....	2,668	2,744	2,826	Guthrie city.....	11,654	11,652	10,006	Hartshorne city.....	2,963	2,435	2,532										
Devils Lake city.....	5,157	1,729	846	Lima city.....	30,588	21,723	15,981	Hobart city.....	3,645	3,136	.....	Hugo city.....	4,582	2,676	.....									
Dickinson city.....	3,678	2,076	897	Lincoln village.....	3,084	3,330	2,278	Kingsfisher city.....	2,538	2,214	2,301	Krebs city.....	2,884	1,508	.....									
Fargo city.....	14,331	9,589	5,664	Lockland village.....	3,439	2,695	2,474	Lawton city.....	7,788	5,562	.....	Lawton city.....	12,954	8,144	4,125									
Grand Forks city.....	12,478	7,652	4,979	Logan village.....	4,850	3,490	3,119	McAlester city.....	12,954	8,144	4,125	Muskogee city.....	3,667	2,072	.....									
Jamestown city.....	4,358	2,853	2,296	London village.....	8,530	5,411	3,813	Miami city.....	2,907	1,893	1,527	Muskogee city.....	25,278	14,418	4,254										
Mandan city.....	3,878	1,658	1,328	Lorain city.....	16,028	16,028	4,803	Norman city.....	3,724	3,040	2,223	Nowata city.....	3,672	2,223	498										
Minot city.....	6,183	1,577	575	Madison city.....	5,193	3,140	2,214	Oklahoma City.....	64,205	32,452	10,337	Oklmulgee city.....	4,176	2,322	.....									
Valley City.....	2,446	1,689	1,089	Manfield city.....	20,768	17,640	13,473	Okmulgee city.....	2,689	2,157	1,467	Pauls Valley city.....	2,776	2,408	.....									
Williston city.....	3,124	763	295	Marietta city.....	12,923	13,348	8,273	Pawhuska city.....	3,133	2,881	3,351	Perry city.....	2,621	2,529	2,528										
Ohio																									
Albion city.....	69,067	42,728	27,601	Martins Ferry city.....	9,133	7,760	6,250	Ponca city.....	2,421	2,529	2,528	Ponca city.....	2,421	2,529	2,528										
Alliance city.....	15,083	8,974	7,607	Marysville village.....	4,576	3,048	2,810	Portell city.....	7,240	2,553	2,277	Sapulla city.....	8,283	4,259	811										
Ashland city.....	6,785	4,087	3,566	Massillon city.....	13,579	11,944	10,092	Shawnee city.....	12,474	10,955	3,462	Stillwater city.....	3,444	2,577	2,431										
Ashtabula city.....	18,266	12,949	8,358	Medina village.....	2,734	2,232	2,073	St. Paul city.....	2,907	1,893	1,527	Sulphur city.....	3,684	2,935	1,198										
Athens city.....	5,463	3,066	2,620	Ministry village.....	4,277	3,941	2,465	Talbot city.....	2,881	1,916	1,482	Talbot city.....	18,182	7,298	1,980										
Barberton city.....	9,410	4,354	3,434	Middleport village.....	3,194	2,799	3,211	Tulsa city.....	4,082	3,157	2,339	Vinita city.....	4,082	3,157	2,339										
Barnesville village.....	4,233	3,921	3,207	Middletown city.....	13,152	9,215	6,281	Vinita city.....	4,082	3,157	2,339	Wagoner city.....	4,018	2,650	2,378										
Bellaire city.....	12,946	9,134	6,347	Mingo Junction village.....	4,049	2,954	1,856	Ward city.....	2,928	696	.....	Ward city.....	2,928	696	.....									
Bellefontaine city.....	8,238	6,649	4,245	Montpelier village.....	2,759	1,859	1,293	Woodward city.....	2,696	2,018	.....	Woodward city.....	2,696	2,018	.....									
Belleuve city.....	5,209	4,101	3,052	Mooni Vernon city.....	9,087	6,633	6,027	Oregon																	
Berea village.....	2,609	2,510	2,533	Moravia village.....	4,576	3,048	2,810	Albany city.....	4,275	3,149	3,079	Ashland city.....	5,020	2,634	1,784										
Bowling Green city.....	5,222	5,067	3,467	New Lexington village.....	2,559	1,701	1,470	Ashton city.....	4,548	3,079	.....	Baker city.....	6,742	6,663	2,604									
Bridgeport village.....	3,974	3,963	3,369	New Philadelphia city.....	8,512	6,213	4,456	Corvallis city.....	4,552	1,819	1,527	Baker city.....	6,742	6,663	2,604										
Bryan village.....	4,406	3,131	2,068	Newark city.....	25,404	18,157	14,270	Eugene city.....	9,009	3,236	.....	Baker city.....	6,742	6,663	2,604									
Bucyrus city.....	8,122	6,560	5,974	Nelsonville city.....	5,813	5,909	4,289	Grants Pass city.....	3,897	2,290	1,432	Clatsop county.....	4,543	2,991	2,583										
Byesville village.....	3,156	1,267	789	New Comerstown village.....	2,943	2,659	1,251	Klamath Falls town.....	2,758	2,758	.....	Clatsop county.....	4,543	2,991	2,583									
Cambridge city.....	11,327	8,241	4,361	New Lexington village.....	2,559	1,701	1,470	Medford city.....	8,840	1,791	967	Clatsop county.....	4,543	2,991	2,583										
Canal Dover city.....	6,621	5,422	3,470	New Philadelphia city.....	8,512	6,213	4,456	North Bend city.....	4,287	3,494	3,062	Clatsop county.....	4,543	2,991	2,583										
Canton city.....	50,217	30,667	20,189	Newark city.....	5,813	5,909	4,289	Pendleton city.....	4,460	4,406	2,506	Clatsop county.....	4,543	2,991	2,583										
Carthage village.....	3,618	2,519	2,257	Niles city.....	5,361	7,468	4,289	Portland city.....	207,214	90,426	46,385	Clatsop county.....	4,543	2,991	2,583										
China village.....	3,493	2,855	2,702	North Baltimore village.....	2,503	3,561	2,857	Roseburg city.....	4,738	1,690	1,472	Clatsop county.....	4,543	2,991	2,583										
Chicago Junction village.....	2,950	2,348	1,299	Norwalk city.....	7,858	7,074	7,195	St. Johns city.....	4,872	4,872	.....	Clatsop county.....	4,543	2,991	2,583									
Chillicothe city.....	14,508	12,876	11,288	Norwood city.....	16,185	6,480	4,396	Union city.....	14,094	7,806	7,070	Clatsop county.....	4,543	2,991	2,583										
Cincinnati city.....	363,591	325,902	296,908	Oberlin village.....	4,865	4,082	4,176	Union city.....	14,094	7,806	7,070	Clatsop county.....	4,543	2,991	2,583										
Circleville city.....	6,744	6,991	6,556	Orville village.....	3,101	1,901	1,765	Union city.....	14,094	7,806	7,070	Clatsop county.....	4,543	2,991	2,583										
Cleveland city.....	560,663	381,768	261,353	Painesville city.....	5,501	5,024	4,755	Union city.....	14,094	7,806	7,070	Clatsop county.....	4,543	2,991	2,583										
Cleveland Heights village.....	2,855	2,415	2,327	Piqua city.....	13,328	12,172	9,090	Union city.....	14,094	7,806	7,070	Clatsop county.....	4,543	2,991	2,583										
Clyde village.....	2,915	2,245	1,908	Pomeroy village.....	4,023	4,639	4,726	Union city.....	14,094	7,806	7,070	Clatsop county.....	4,543	2,991	2,583										
Columbus city.....	181,811	125,560	88,150	Portsmouth city.....	25,404	18,157	14,270	Union city.....	14,094	7,806	7,070	Clatsop county.....	4,543	2,991	2,583										
Conneaut city.....	8,319	7,133	3,241	Portsmouth city.....	23,481	17,870	12,394	Union city.....	14,094	7,806	7,070	Clatsop county.....	4,543	2,991	2,583										
Coschocton city.....	9,603	6,473	3,672	Ravenna city.....	5,310	4,603	3,417	Union city.....	14,094	7,806	7,070	Clatsop county.....	4,543	2,991	2,583										
Crestline city.....	3,807	3,282	2,911	Reading village.....	3,985	3,076	.....	Union city.....	14,094	7,806	7,070	Clatsop county.....	4,543	2,991	2,583									
Crooksville village.....	3,028	835	.....	Reedport village.....	3,179	2,038	.....	Union city.....	14,094	7,806	7,070	Clatsop county.....	4,543	2,991	2,583								
Cuyahoga Falls village.....	4,020	3,186	2,614	St. Bernard city.....	5,062	3,384	1,779	Union city.....	14,094	7,806	7,070	Clatsop county.....	4,543	2,991	2,583										
Dayton city.....	116,577	85,333	61,220	St. Marys city.....	5,732	5,359	3,000	Union city.....	14,094	7,806	7,070	Clatsop county.....	4,543	2,991	2,583										
Defiance city.....	7,327	7,579	7,694	Salem city.....	8,943	7,581	5,780	Union city.....	14,094	7,806	7,070	Clatsop county.....	4,543	2,991	2,583										
Delaware city.....	9,076	7,940	8,224	Sandusky city.....	19,989	19,664	18,471	Union city.....	14,094	7,806	7,070	Clatsop county.....	4,543	2,991	2,583										
Delphos city.....	4,038	4,517	4,068	Scherer village.....	4,903	4,903	1,977	Union city.....	14,0																

POPULATION OF CITIES.

POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

(This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.)

Table 28—Con.	CITY, TOWN, VILLAGE, OR BOROUGH.			CITY, TOWN, VILLAGE, OR BOROUGH.			CITY, TOWN, VILLAGE, OR BOROUGH.				
	1910	1900	1890	1910	1900	1890	1910	1900	1890		
Pennsylvania											
Albion city.....	51,913	35,416	25,228	Erie city.....	66,525	52,733	40,634	New Brighton borough.....	5,329	6,830	5,616
Altoona city.....	52,127	38,373	30,337	Ema borough.....	5,830	5,384	3,767	New Castle city.....	36,280	23,339	11,600
Ambler borough.....	2,649	1,884	1,073	Exton borough.....	3,537	1,948	790	New Kensington borough.....	7,707	4,665	.....
Ambridge borough.....	5,205	.....	.....	Forest City borough.....	4,850	2,870	.....	New Philadelphia borough.....	2,512	1,326	562
Apollo borough.....	3,906	2,924	2,156	Ford City borough.....	5,749	4,279	2,319	Norristown borough.....	27,875	22,265	19,791
Archbald borough.....	7,194	5,396	4,032	Frankville borough.....	3,115	2,594	2,520	North Braddock borough.....	11,824	6,535	.....
Ashtabula borough.....	6,855	6,438	7,396	Franklin city.....	9,767	7,317	6,221	North East borough.....	2,672	2,068	1,538
Ashley borough.....	5,031	4,046	3,192	Freshburg borough.....	4,733	704	.....	Northampton borough.....	8,729	.....	.....
Aspinwall borough.....	2,362	1,231	.....	Friesland borough.....	6,197	5,254	1,730	Northumberland borough.....	3,517	5,748	2,744
Athens borough.....	3,796	3,749	3,274	Galeton borough.....	4,027	2,415	.....	Oakmont borough.....	3,436	2,323	1,678
Austin borough.....	2,941	2,300	1,679	Gallatin borough.....	3,504	2,759	2,302	Oil City.....	15,657	13,264	10,932
Avalon borough.....	4,317	2,130	804	Gettysburg borough.....	4,080	3,495	3,221	Old Forge borough.....	11,224	8,205	.....
Avoca borough.....	4,634	3,487	3,031	Gilbertville borough.....	5,401	4,373	3,687	Olyphant borough.....	11,525	6,180	4,083
Bangor borough.....	5,369	4,106	2,509	Girardville borough.....	4,396	3,666	3,584	Parkesburg borough.....	2,522	1,781	1,514
Barnesboro borough.....	3,535	1,482	.....	Glassport borough.....	5,640	.....	.....	Parsons borough.....	2,578	1,798	516
Beaver borough.....	3,456	2,348	1,552	Greater Pottsville borough.....	9,058	6,746	4,194	Parsons borough.....	4,338	2,529	2,412
Beaver Falls borough.....	12,191	10,654	9,735	Greensburg borough.....	13,022	6,508	4,282	Patterson borough.....	3,907	2,651	.....
Belleville borough.....	4,145	4,216	3,946	Greenville borough.....	5,909	4,814	3,674	Perkasie borough.....	3,967	2,784	.....
Bellefonte borough.....	6,322	3,416	4,418	Grove City borough.....	3,674	1,999	1,160	Philadelphia city.....	1,549,008	1,293,697	1,046,964
Berwick borough.....	5,357	3,916	2,701	Hanover borough.....	7,057	5,302	3,746	Phoenixville borough.....	3,585	3,266	3,245
Bethlehem borough.....	12,837	10,758	9,521	Harrisburg city.....	64,186	50,167	39,385	Pitcairn borough.....	4,975	2,601	.....
Birdsboro borough.....	2,930	2,204	2,261	Hazleton city.....	25,452	14,230	11,872	Pittsburgh city.....	533,906	451,512	343,904
Birdsboro borough.....	3,572	3,386	3,126	Holidaysburg borough.....	3,734	2,998	2,075	Pittston city.....	10,267	12,556	10,302
Blakeley borough.....	5,345	3,915	2,452	Honesdale borough.....	18,713	12,554	8,945	Plymouth borough.....	16,996	13,649	9,244
Blomingsburg town.....	7,413	6,170	4,635	Huntington borough.....	6,861	6,053	5,729	Port Carbon borough.....	2,678	2,108	1,976
Brackebridge borough.....	3,134	.....	8,561	Irwin borough.....	10,314	9,142	1,053	Port Clinton borough.....	2,954	8,616	.....
Bradford borough.....	14,544	15,028	10,511	Jennett borough.....	8,077	5,865	3,296	Pottsville borough.....	20,236	15,710	14,117
Bradford city.....	3,860	3,097	2,551	Jenkintown borough.....	2,968	2,091	1,600	Quakertown borough.....	3,501	3,014	2,169
Bridgeton borough.....	9,256	7,104	6,533	Jermy borough.....	3,158	2,567	2,650	Rankin borough.....	0,442	3,775	.....
Brookville borough.....	3,003	2,472	2,478	Jersey Shore borough.....	5,381	3,070	1,853	Reading city.....	96,071	78,961	58,661
Butler borough.....	20,728	10,853	8,734	Johnsonburg borough.....	4,334	3,894	.....	Renovo borough.....	4,121	4,082	4,154
Canonsburg borough.....	3,891	2,714	2,113	Johnstown city.....	55,483	35,530	21,805	Reynoldsville borough.....	3,180	3,435	2,789
Carbondale city.....	17,040	13,536	10,833	Juniata borough.....	5,265	1,709	.....	Ridgway borough.....	5,408	3,515	1,903
Carlisle borough.....	10,303	9,926	7,620	Kane borough.....	6,626	5,296	2,944	Rochester borough.....	5,903	4,688	3,649
Carnegie borough.....	10,009	7,330	.....	Kantonsburg borough.....	2,983	3,846	3,095	Royersford borough.....	3,073	2,007	1,815
Carrick borough.....	6,117	3,962	3,784	Kittanning borough.....	4,311	3,402	1,723	St. Clair borough.....	6,640	6,455	4,638
Catskill borough.....	11,800	8,864	7,863	Knoxville borough.....	5,651	3,511	1,201	St. Marys borough.....	6,346	4,296	1,745
Chalfont borough.....	9,615	5,930	.....	Lancaster city.....	47,227	41,459	32,011	St. Michaels borough.....	6,426	5,243	.....
Chester city.....	38,537	33,988	20,226	Lansford borough.....	8,321	4,888	4,004	Schuylkill Haven bor- ough.....	4,747	3,654	3,088
Clairton borough.....	3,326	.....	2,164	Lansdale borough.....	3,551	2,754	1,558	Scottsdale borough.....	4,456	4,261	2,688
Clairton borough.....	2,612	2,004	2,164	Lansdowne borough.....	4,066	2,630	.....	Seranton city.....	129,867	102,026	75,215
Clearfield borough.....	6,851	5,081	2,248	Larabee borough.....	9,288	8,777	3,589	Sewickley borough.....	4,479	3,568	2,776
Clifton Heights borough.....	3,155	2,330	1,820	Lebanon city.....	19,240	17,628	14,664	Sharon borough.....	19,588	18,202	14,403
Coaldale borough.....	5,154	.....	3,680	Lebanon city.....	10,569	9,524	2,459	Sharpshooters borough.....	15,270	8,816	7,459
Coatsville borough.....	11,054	5,721	3,650	Lehigh borough.....	3,624	2,459	1,921	Sharpsville borough.....	8,153	6,842	4,898
Columbia borough.....	11,454	12,316	9,429	Lehighing borough.....	3,081	3,457	3,248	Sharsville borough.....	3,634	2,970	2,330
Conemaugh borough.....	7,480	5,762	5,470	Lewistown borough.....	8,166	4,451	3,273	Shenandoah borough.....	25,774	20,321	15,944
Coplay borough.....	2,670	1,581	880	Lock Haven city.....	7,772	7,210	7,355	Shippensburg borough.....	3,457	3,228	2,188
Corapolis borough.....	5,252	2,555	962	Luzerne borough.....	5,426	3,817	2,398	Slatersburg borough.....	4,454	3,773	2,716
Corry city.....	5,991	5,369	5,677	Lykens borough.....	2,943	2,762	2,450	Southampton borough.....	2,612	1,834	1,713
Coudersport borough.....	3,100	3,217	1,530	McAdoo borough.....	3,889	2,122	.....	South Bethlehem bor- ough.....	19,973	13,241	10,302
Crafton borough.....	4,583	1,927	.....	McDonald borough.....	2,543	2,475	1,698	South Brownsville bor- ough.....	3,943	1,605	1,030
Curwensville borough.....	2,549	1,937	1,664	McKees Rocks borough.....	14,702	6,352	.....	South Fork borough.....	4,592	2,435	1,295
Danville borough.....	7,517	8,042	7,998	McKeesport city.....	20,741	34,227	20,741	South Sharon borough.....	10,190	.....	.....
Darby borough.....	6,305	3,429	2,972	McKeesport city.....	15,636	13,504	11,286	South Union borough.....	3,734	3,328	2,900
Dartmouth borough.....	12,347	13,847	13,868	Manahay City borough.....	3,952	4,029	4,101	Spring City borough.....	2,880	2,566	1,797
Dickson City borough.....	9,331	4,948	3,110	Mauch Chunk borough.....	3,662	2,300	1,695	Stietzel borough.....	14,246	12,086	9,250
Donors borough.....	8,174	.....	586	Mayfield borough.....	17,780	10,291	9,520	Strodsburg borough.....	4,379	3,479	2,419
Dorranetown borough.....	4,046	2,211	586	Meadville city.....	4,469	3,841	3,691	Summit Hill borough.....	4,209	2,986	2,816
Downtown borough.....	3,326	2,133	1,920	Mechanicburg bor- ough.....	3,502	3,075	2,736	Sunbury borough.....	13,770	9,810	5,980
DuBois borough.....	12,623	9,375	6,149	Medora borough.....	3,741	3,924	4,094	Susquehanna borough.....	3,478	3,813	3,872
DuBois borough.....	17,615	12,583	8,315	Meyersdale borough.....	5,374	5,608	5,080	Swissvale borough.....	7,381	1,716	.....
Duquesne borough.....	15,727	9,636	.....	Middletown borough.....	7,861	6,736	3,809	Swoyersville borough.....	5,396	2,264	.....
Durys borough.....	7,487	.....	.....	Millvale borough.....	7,460	6,175	5,317	Tamaqua borough.....	9,412	7,267	6,054
East Conemaugh bor- ough.....	5,046	2,175	1,158	Milton borough.....	3,159	2,224	2,075	Tarentum borough.....	7,464	5,472	4,627
East Mauch Chunk borough.....	3,548	3,458	2,772	Miners Mills borough.....	7,240	4,815	3,504	Taylor borough.....	9,060	4,215	.....
East Pittsburgh bor- ough.....	5,615	2,883	.....	Monaca borough.....	3,376	2,008	1,494	Throop borough.....	5,133	2,204	2,094
East Stroudsburg bor- ough.....	3,330	2,648	1,819	Monessen borough.....	11,775	2,197	.....	Titusville city.....	8,533	8,244	8,073
Easton city.....	28,523	25,238	14,481	Monaca borough.....	7,508	5,173	4,096	Towanda borough.....	4,281	4,643	4,169
Edgewood borough.....	2,556	1,139	616	Moosic borough.....	3,964	1,227	.....	Turtle Creek borough.....	4,995	3,262	.....
Edwardsville borough.....	8,407	5,155	3,284	Mount Carmel borough.....	17,532	13,179	8,234				
Elizabethtown bor- ough.....	2,587	1,473	1,218	Mount Union borough.....	3,338	1,086	810				
Ellwood City borough.....	3,902	2,243	.....	Munhall borough.....	5,185	.....	.....		
Emaus borough.....	3,501	1,468	883	Nanticoke borough.....	18,877	12,116	10,044				
Emporium borough.....	2,916	2,463	2,147	Nazareth borough.....	3,978	2,304	1,318				
Ephrata borough.....	3,192	2,451	.....							

¹ Includes population of West Bethlehem borough: 1900, 3,465; 1890, 2,759.

² Includes population of Clarville borough: 1900, 2,271; 1890, 1,440.

³ Includes population of Allegheny city: 1900, 129,596; 1890, 105,287.

⁴ Allegheny County.

⁵ Schuylkill County.

POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

Table 28—Con.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890
Pennsylvania—Con.				South Dakota				Texas—Con.			
Trone borough.....	7,176	5,847	4,705	Aberdeen city.....	10,753	4,087	3,182	Greenville city.....	8,850	6,860	4,330
Union City borough.....	3,684	3,104	2,261	Brookings city.....	2,971	2,346	1,518	Hillsboro city.....	6,115	5,346	2,541
Uniontown borough.....	13,344	7,344	6,359	Deadwood city.....	3,653	3,498	2,366	Houston city.....	78,800	44,633	27,567
Vandergrift borough.....	3,876	2,076	.....	Iron city.....	5,738	5,703	3,033	Houston city, 1st city town.	6,738	901	.....
Vandergriff Heights borough.....	3,438	1,910	.....	Lead city.....	8,392	6,210	2,581	Jacksonville city.....	2,875	1,508	.....
Verona borough.....	2,849	1,904	1,477	Madison city.....	3,137	2,530	1,736	Jefferson city.....	2,515	2,850	.....
Warren borough.....	11,060	8,043	4,332	Mitchell city.....	16,515	4,053	2,217	Laredo city.....	14,555	13,429	11,319
Washington borough.....	18,778	7,670	7,063	Pierre city.....	3,656	2,306	3,235	Lockhart town.....	2,945	2,306	1,233
Waynesboro borough.....	7,199	5,396	3,811	Rapid City.....	3,854	1,342	2,128	Longview city.....	5,155	3,391	2,034
Waynesburg borough.....	3,545	2,544	2,101	Redfield city.....	10,060	1,015	796	Lufkin town.....	2,749	1,527	529
Weatherly borough.....	2,501	2,471	2,961	Sioux Falls city.....	14,094	10,266	10,177	McKinney city.....	4,714	4,342	2,489
Wellsboro borough.....	3,183	2,954	2,961	Waterbury city.....	7,010	3,352	2,672	Marlin city.....	3,878	3,092	2,038
West Berwick borough.....	3,512	.....	2,961	Yankton city.....	3,787	4,125	3,670	Marshall city.....	11,452	7,855	7,207
West Chester borough.....	11,707	9,524	9,262	Tennessee				Marion town.....	2,939	.....	.....
West Hazleton borough.....	4,715	2,516	931	Bristol town.....	7,148	5,271	3,324	Merix town.....	2,694	2,333	1,674
West Homestead borough.....	3,137	.....	.....	Clarksville city.....	44,604	30,154	29,100	Mineral Wells city.....	3,950	2,048	577
West Newton borough.....	2,809	2,467	2,285	Chattanooga city.....	8,548	9,431	7,924	Mount Pleasant city.....	3,369	1,827	1,138
West Pittston borough.....	6,848	5,846	3,906	Clarksville city.....	5,549	3,858	2,863	Nacogdoches city.....	3,269	1,827	1,138
Wickhore borough.....	2,775	.....	.....	Cleveland city.....	5,754	6,052	5,370	Navasota town.....	3,284	3,857	2,997
Wilkes-Barre city.....	67,105	51,721	37,718	Columbia city.....	2,190	2,787	1,067	New Braunfels city.....	3,165	2,097	1,608
Wilkesburg borough.....	18,924	11,886	4,662	Covington town.....	4,990	3,747	1,607	Orange city.....	5,527	3,835	3,173
Williamsport city.....	31,360	28,757	27,132	Dyersburg city.....	2,149	2,609	2,009	Paris city.....	10,482	8,297	5,838
Williamstown borough.....	2,904	2,934	2,334	Fayetteville town.....	3,439	2,708	2,410	Paris city.....	11,269	9,358	8,254
Wilmerding borough.....	6,133	4,179	419	Franklin town.....	2,924	2,180	2,250	Port Arthur city.....	7,063	900	.....
Windber borough.....	8,003	3,425	1,797	Harrisburg city.....	3,061	3,442	716	Quahok city.....	3,127	1,651	1,477
Winton borough.....	3,360	2,280	1,794	Humboldt town.....	10,364	1,836	1,446	San Angelo city.....	11,221	.....	.....
Wyoming borough.....	3,010	1,909	1,794	Jackson city.....	15,779	14,511	10,039	San Antonio city.....	96,614	53,321	37,673
York city.....	44,750	33,708	20,793	Johnson City town.....	8,502	4,645	4,161	San Marcos town.....	4,071	2,292	2,335
Rhode Island				Knoxville city.....	36,846	32,367	22,535	Seguin town.....	3,116	2,421	1,106
Bristol town.....	8,565	6,901	5,478	La Fayette city.....	2,816	3,066	.....	Sherman city.....	12,412	10,243	7,335
Burrillville town.....	7,878	6,317	5,492	Lebanon town.....	3,659	1,956	1,883	Smithville city.....	3,167	2,577	616
Central Falls city.....	22,754	18,107	15,068	Lenoir City town.....	3,392	.....	.....	Snyder town.....	2,314	.....	.....
Covenry town.....	5,848	5,279	5,068	Memphis city.....	181,105	102,320	64,495	Stamford city.....	9,902	.....	.....
Cranston city.....	21,107	13,343	8,009	Morestown town.....	4,067	2,973	1,999	Stephenville city.....	2,561	1,902	909
Cumberland town.....	10,107	8,925	8,000	Murfreesboro city.....	4,679	3,999	3,739	Sulphur Springs city.....	5,151	3,635	3,038
East Greenwich town.....	3,420	2,775	3,127	Nashville city.....	110,364	80,868	76,108	Swetwater town.....	4,176	670	614
East Providence town.....	15,808	12,138	8,422	Paris city.....	3,281	2,018	1,917	Teague city.....	5,214	4,211	2,884
Johnston town.....	5,935	4,305	9,778	Park City town.....	4,186	.....	.....	Temple city.....	10,993	7,065	4,047
Lincoln town.....	9,835	8,937	20,355	Pulaski town.....	2,928	2,838	2,275	Terrill city.....	7,050	6,320	2,988
Newport city.....	27,149	22,441	19,457	Rockwood town.....	3,660	2,899	2,304	Texarkana city.....	9,790	5,256	2,852
North Kingstown town.....	4,048	4,104	4,193	Shelbyville town.....	2,869	2,236	1,823	Tyler city.....	10,400	5,069	6,908
North Providence town.....	5,407	3,016	2,084	Tullahoma town.....	3,049	2,264	2,439	Uvalde town.....	3,998	1,889	1,205
North Smithfield town.....	2,699	2,422	3,173	Union City town.....	4,589	3,497	3,441	Van Horn town.....	5,214	1,993	2,857
Pawtucket city.....	51,622	39,231	27,633	Texas				Victoria city.....	2,673	4,010	3,046
Portsmouth town.....	2,681	2,105	1,949	Abilene city.....	9,204	3,411	3,194	Waco city.....	26,425	20,686	14,445
Providence city.....	224,326	175,597	132,146	Amarillo city.....	9,957	1,442	482	Waxahachie town.....	6,205	4,215	3,076
Scituate town.....	3,493	3,361	3,174	Austin city.....	29,860	22,258	14,575	Weatherford city.....	5,074	4,786	3,309
Smithfield town.....	2,739	2,107	2,500	Ballinger city.....	3,536	1,128	.....	Wichita Falls city.....	2,800	2,480	1,107
South Kingstown town.....	5,176	4,972	4,823	Bay City town.....	3,156	.....	.....	Yockum town.....	4,657	3,499	1,745
Tivertown town.....	4,032	2,977	2,837	Beaumont city.....	20,640	9,427	3,296	Utah			
Warren town.....	6,585	5,108	4,889	Beville city.....	3,269	3,109	3,060	American Fork city.....	2,797	2,732	.....
Warwick town.....	26,629	21,166	17,761	Belton city.....	4,164	3,700	3,000	Bingham town.....	2,881	.....	.....
Westerly town.....	8,696	7,541	6,813	Big Spring city.....	4,102	.....	.....	Bircham city.....	3,685	2,859	2,189
Woonsocket city.....	38,125	28,204	20,830	Bonham city.....	4,844	5,042	3,361	Eureka city.....	3,416	3,085	1,733
South Carolina				Bowie city.....	2,874	2,600	1,486	Lehi City.....	2,964	2,719	1,555
Abbeville city.....	4,459	3,766	1,096	Brady city.....	2,618	.....	.....	Murray city.....	4,057	.....	.....
Aiken city.....	3,911	3,414	2,362	Brenham city.....	4,178	5,965	5,299	Nephi city.....	2,759	2,208	2,034
Anderson city.....	9,554	9,498	6,018	Brownsville city.....	10,517	3,308	1,134	Ogden City.....	25,580	16,313	14,889
Bonnettsville town.....	2,666	1,929	979	Brownwood city.....	4,967	3,965	2,179	Park city.....	3,429	3,759	2,850
Camden city.....	3,549	2,441	3,533	Bryan city.....	6,132	3,589	2,976	Provo city.....	5,325	5,185	5,150
Charleston city.....	58,833	55,807	54,555	Calvert town.....	2,679	3,322	2,632	Richardson city.....	2,559	1,969	1,531
Cheraw town.....	2,873	1,151	976	Cameron city.....	3,253	3,341	1,608	Salt Lake City.....	92,777	53,531	44,543
Chester city.....	4,754	4,075	2,703	Childers city.....	3,818	3,692	2,638	Spanish Fork city.....	3,464	2,735	2,214
Clanton town.....	3,372	3,809	1,024	Clidreux city.....	3,034	4,793	3,278	Springville city.....	3,356	3,422	2,849
Columbia city.....	26,219	21,108	15,353	Coleman city.....	10,366	1,362	906	Tooele city.....	2,753	1,200	.....
Darlington town.....	3,789	3,028	2,389	Comanche town.....	2,756	2,070	1,226	Vermont			
Easley town.....	2,983	4,903	3,023	Commerce city.....	2,818	1,800	810	Barre city.....	10,734	8,348	4,146
Florence city.....	7,057	6,447	3,395	Corpus Christi city.....	7,232	4,703	4,867	Berare town.....	4,194	3,446	2,686
Gaffney town.....	4,767	4,937	1,631	Corsicana city.....	7,749	9,313	6,255	Barton town.....	3,648	2,790	2,217
Georgetown city.....	5,580	4,138	2,805	Crockett town.....	3,947	2,612	1,412	Bennington town.....	3,898	8,033	6,891
Greenville city.....	15,741	11,860	8,937	Cuero town.....	1,039	3,422	2,442	Bennington village.....	6,211	6,656	3,971
Greenwood town.....	6,614	4,824	2,326	Dalhart city.....	2,580	.....	.....	Brattleboro town.....	2,712	2,759	3,810
Laurens town.....	4,818	4,029	2,245	Dallas city.....	92,104	42,638	38,067	Brattleboro village.....	7,514	6,640	6,892
Marion town.....	2,831	1,831	1,620	Denison city.....	11,807	11,807	10,958	Burlington city.....	6,517	5,297	5,467
Newbury town.....	5,028	4,607	3,020	Denton city.....	4,730	4,187	2,558	Burlington town.....	29,468	18,640	14,590
Orangeburg city.....	5,906	4,455	2,964	Dublin city.....	2,551	2,370	2,025	Colchester town.....	6,450	5,332	5,143
Rock Hill city.....	12,717	9,485	5,544	Eagle Pass town.....	3,536	.....	.....	Winooski village.....	4,530	5,738	5,659
Spartanburg city.....	15,516	11,395	6,544	El Paso city.....	39,279	15,906	10,338	Derby town.....	3,639	2,903	2,013
Sumter city.....	8,109	5,673	3,865	Emis city.....	5,669	4,919	2,171	Fair Haven town.....	3,095	2,999	2,791
Union town.....	5,623	5,400	1,069	Fort Worth city.....	73,312	36,888	23,076	Fair Haven village.....	2,654	2,470	.....
				Galveston city.....	36,981	27,789	29,084	Hardwick town.....	3,201	2,496	1,547
				Georgetown city.....	3,096	2,790	2,447				
				Gonzales city.....	3,139	4,297	1,641				

¹ Joint population of Bristol town, Sullivan County, Tenn., and Bristol city, Va.: 1910, 13,335; 1900, 9,850; 1890, 6,226.

² Joint population of Texarkana city, Miller County, Ark., and Texarkana city, Bowie County, Tex.: 1910, 15,445; 1900, 10,170; 1890, 6,380.

POPULATION OF PLACES HAVING, IN 1910, 2,500 INHABITANTS OR MORE: 1910, 1900, AND 1890—Continued.

[This table includes all incorporated places having 2,500 inhabitants or more in 1910, so far as they have been returned by the census enumerators separate from the townships, precincts, districts, etc., of which they form a part. It also includes all towns in New England which had a population of 2,500 or more in 1910.]

Table 28—Con. CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	1910	1900	1890
Vermont—Con.				Washington—Con.				Wisconsin—Con.			
Hartford town.....	4,179	3,817	3,740	Chehalis city.....	4,507	1,775	1,309	Fort Atkinson city....	3,877	3,043	2,233
Lyndon town.....	3,201	2,858	2,619	Cle Elum city.....	2,749	.....	.....	Grand Rapids city....	6,521	4,493	1,702
Middlebury town.....	2,848	3,045	2,793	Colfax city.....	2,783	2,121	1,649	Green Bay city.....	25,236	18,684	9,069
Montpelier city.....	7,856	6,266	4,160	Ellensburg city.....	4,209	1,737	2,768	Hartford city.....	2,982	1,632	1,286
Morrisville town.....	2,652	2,553	2,411	Everett city.....	24,814	7,838	.....	Hudson city.....	2,810	3,259	2,585
Newport town.....	3,684	3,113	3,047	Hillyard city.....	3,276	.....	.....	Janesville city.....	13,894	13,185	10,836
Newport village.....	2,518	1,874	1,730	Houquiam city.....	8,171	2,698	1,302	Jefferson city.....	2,582	2,584	2,287
Northfield town.....	3,226	2,855	2,628	North Yakima city....	14,082	3,154	1,335	Kaukauna city.....	4,717	5,115	4,667
Poultney town.....	3,684	3,108	3,081	Olympia city.....	6,906	3,883	4,698	Kenosha city.....	21,371	11,606	6,322
Proctor town.....	2,871	2,136	1,758	Port Townsend city....	4,181	3,443	1,558	La Crosse city.....	30,417	28,995	25,090
Proctor village.....	2,756	2,015	.....	Pullman city.....	2,692	1,908	868	Lake Geneva city.....	3,079	2,585	2,297
Randolph town.....	3,191	3,141	3,232	Pupalup city.....	4,544	1,884	1,732	Madison city.....	23,531	19,164	13,428
Richford town.....	2,947	2,421	2,196	Reyton town.....	2,740	.....	.....	Manitowoc city.....	13,027	11,776	7,710
Rockingham town.....	6,207	5,809	4,579	Roslyn town.....	3,126	2,786	1,484	Marinette city.....	14,010	16,195	11,523
Bellevue Falls village.	4,885	4,537	5,092	Seattle city.....	237,194	80,671	42,837	Marshfield city.....	5,783	5,249	3,450
Rutland city.....	15,546	11,499	.....	Snohomish city.....	3,244	2,101	1,993	Menomonie city.....	6,081	5,589	4,581
St. Albans city.....	6,331	6,239	.....	South Bend city.....	3,023	711	.....	Merrill city.....	5,036	5,655	5,491
St. Johnsbury town....	8,098	7,010	6,567	Spokane city.....	104,402	36,848	19,922	Milwaukee city.....	378,857	288,315	204,468
St. Johnsbury village.	6,653	6,699	4,857	Tacoma city.....	83,743	37,714	36,006	Mineral Point city....	2,925	2,991	2,694
Springfield city.....	4,784	3,432	2,881	Vancouver city.....	9,300	3,126	3,545	Monroe city.....	4,410	3,327	3,708
Springfield village....	3,850	2,040	.....	Vails Walla city.....	19,364	10,049	4,709	Neenah city.....	5,734	5,354	5,083
Swanton town.....	3,628	3,745	3,231	Wenatchee city.....	3,950	451	.....	New London city.....	3,383	2,742	2,050
Waterbury town.....	3,273	2,810	2,232	West Virginia				Oconomowoc city....	2,054	2,880	2,729
West Rutland town....	3,427	2,914	3,680	Benwood city.....	4,976	4,511	2,934	Oconto city.....	5,029	5,646	5,219
Woodstock town.....	2,545	2,557	2,545	Bluefield city.....	11,188	4,644	1,775	Oshkosh city.....	33,062	28,284	22,836
Virginia				Charles Town.....	2,662	2,392	2,287	Platteville city.....	4,452	3,340	2,740
Alexandria city.....	15,329	14,528	14,339	Charleston city.....	22,996	11,099	6,742	Portsmouth city.....	3,064	2,577	1,503
Berford City town....	2,308	2,416	2,897	Chester city.....	3,184	.....	.....	Port Washington city..	3,792	3,010	1,659
Big Stone Gap town..	2,590	1,617	.....	Clarksburg city.....	9,201	4,050	3,008	Portage city.....	5,440	5,159	5,143
Bristol city ¹	6,247	4,579	2,902	Elkins town.....	2,615	2,091	918	Prairie du Chien city..	3,149	3,232	3,131
Buena Vista city.....	3,245	2,388	1,044	Elkins city.....	5,204	2,016	737	Racine city.....	38,002	29,102	21,014
Charlottesville city..	6,765	6,449	5,591	Fairmont city.....	9,711	5,655	1,023	Rhinelander city.....	2,615	2,225	1,787
Clifton Forge city....	5,748	3,579	1,792	Grafton city.....	7,563	5,650	3,159	Rieslander city.....	5,637	4,998	2,658
Covington town.....	4,234	2,950	704	Hintontown city.....	3,656	3,763	2,570	Rice Lake city.....	3,968	3,002	2,130
Danville city.....	19,029	16,520	10,395	Huntington city.....	31,161	11,923	10,108	Richland Center city..	2,652	2,321	1,819
Farmville town.....	2,971	2,471	2,404	Keyser town.....	3,705	2,536	2,165	Ripon city.....	3,739	3,818	3,358
Fredericksburg city..	5,874	5,068	4,528	McMechen city.....	2,921	1,465	427	Shawano city.....	2,923	1,863	1,505
Hampton city.....	5,505	2,764	2,513	Mannington city....	2,672	1,631	908	Shawyan city.....	29,398	22,962	16,359
Harrisonburg town....	4,879	3,521	2,792	Martinsburg city.....	10,698	7,564	7,226	South Milwaukee city..	6,092	3,392	.....
Haxtonburg town.....	2,931	3,203	3,059	Morgantown city....	9,150	1,695	1,011	Sparta city.....	3,973	3,555	2,795
Lynchburg city.....	29,494	18,891	19,709	Moundsville city....	8,913	5,862	2,688	Stanley city.....	2,075	2,387	.....
Marion town.....	2,727	2,045	1,651	Parkersburg city....	17,842	11,703	8,408	Stevens Point city....	8,692	9,524	7,896
Martinsville town....	3,368	2,384	.....	Princeton city.....	3,027	.....	.....	Stoughton city.....	4,761	3,431	2,470
Newport News city....	20,205	19,635	.....	Richwood town.....	3,061	.....	.....	Sturgeon Bay city.....	4,262	3,372	2,195
Norfolk city.....	67,452	46,624	34,871	Sistersville city....	2,684	2,979	469	Superior city.....	40,384	31,091	11,983
Petersburg city.....	24,127	21,810	22,650	Wellsburg city.....	4,189	2,588	2,235	Tomahawk city.....	2,897	2,221	1,186
Portsmouth city.....	33,190	17,427	13,268	Wheeling city.....	41,641	38,878	34,522	Two Rivers city.....	4,850	3,784	2,870
Pulaski city.....	4,807	2,813	2,112	Williamson city.....	3,361	.....	.....	Washburn city.....	3,830	.....	.....
Radford city.....	4,202	3,344	2,060	Wisconsin				Watertown city.....	8,829	8,437	8,755
Richmond city.....	127,628	85,050	81,388	Antigo city.....	7,196	5,145	4,224	Waukesha city.....	8,740	7,419	6,321
Roanoke city.....	34,874	21,495	16,159	Appleton city.....	16,773	15,085	11,869	Waupaca city.....	2,789	2,912	2,127
Salem town.....	3,849	3,412	3,279	Ashland city.....	11,594	13,074	9,956	Waupun city.....	3,032	3,185	2,737
South Boston town..	3,516	1,851	1,789	Baraboo city.....	6,324	5,751	4,605	Wausau city.....	16,560	12,350	9,233
Staunton city.....	10,604	7,289	6,975	Beaver Dam city....	6,758	5,128	4,222	Wauwatosa city.....	16,560	12,350	9,233
Suffolk town.....	7,008	3,827	3,354	Beloit city.....	15,125	10,436	6,315	West Allis city.....	6,645	.....	.....
Williamsburg city....	2,714	2,044	1,831	Berlin city.....	4,636	4,493	4,149	Whitewater city.....	3,224	3,405	4,320
Winchester city.....	5,864	5,161	3,196	Burlington city....	3,212	2,526	2,043	Wyoming			
Wynelville town.....	3,054	3,063	2,570	Chippewa Falls city..	8,893	8,094	8,670	Casper town.....	2,639	883	544
Washington				Columbus city.....	2,523	2,349	1,977	Cheyenne city.....	11,320	14,087	11,690
Aberdeen city.....	13,660	3,747	1,638	Cudahy city.....	3,691	1,366	.....	Evansville town.....	2,583	2,110	1,498
Anacortes city.....	4,168	1,476	1,131	De Pere city.....	4,477	4,038	3,625	Laramie city.....	8,237	8,207	6,388
Bellingham city ²	24,298	11,062	8,135	Eau Claire city.....	18,810	17,517	17,415	Rawlins city.....	4,256	2,317	2,235
Bremerton city.....	2,363	5,161	2,106	Edgeron city.....	2,513	2,192	1,595	Rock Springs city....	5,778	3,963	3,409
Centralia city.....	7,311	1,600	2,026	Fond du Lac city....	18,797	15,110	12,024	Sheridan city.....	8,408	1,559	281

¹ Joint population of Bristol town, Sullivan County, Tenn., and Bristol city, Va.: 1910, 13,395; 1900, 9,850; 1890, 6,226.
² Includes population (367) of West Clifton Forge town.
³ Fairhaven and New Whatcom cities consolidated under the name of Bellingham city in 1903.

CHAPTER 2.

COLOR OR RACE, NATIVITY, PARENTAGE, AND SEX.

Introduction.—This chapter, dealing with the composition of the population, gives in condensed form statistics relative to color or race, nativity, parentage, and sex, as returned at the Thirteenth Decennial Census, taken as of April 15, 1910, with comparative figures for prior censuses. Alaska, Hawaii, Porto Rico, and other outlying possessions are not included.

The classification by color or race distinguishes six groups, namely, white, negro, Indian, Chinese, Japanese, and "All other" (consisting principally of Hindus and Koreans). On account of their comparatively small number, the four last-named groups are combined in some of the tables.

The white population is divided into four groups: (1) Native, native parentage—that is, having both parents born in the United States; (2) native, foreign parentage—having both parents born in foreign countries; (3) native, mixed parentage—having one parent native and the other foreign born; (4) foreign born. In many of the tables native whites of foreign parentage and of mixed parentage are combined.

This double classification by color or race, and by nativity and parentage, results in five principal classes of the population—the native whites of native parentage, the native whites of foreign or mixed parentage, the foreign-born whites, the negroes, and all others. The last named group is frequently omitted from the tables, as it is neither numerous nor important.

Following in each case this classification according to color or race, nativity, and parentage, statistics are presented in the first section of this chapter for the total population; in the second section for the total population distinguished by sex; in the third section for the population 21 years of age and over, also distinguished by sex; and in the fourth section for the male population of militia age (18 to 44 years, inclusive). In connection with the population 21 years of age and over, much greater detail is given regarding males than regarding females, and statistics are also presented relative to the naturalization of the foreign-born white males.

TOTAL POPULATION BY COLOR OR RACE, NATIVITY, AND PARENTAGE.

UNITED STATES AS A WHOLE.

General summary: 1910 and 1900.—Table 1 shows the number of persons of each color or race at the last two censuses, the total number of native and foreign-born inhabitants, and the number of whites distributed according to nativity and parentage.

Of the total population, 78,456,380, or 85.3 per cent, were native and 13,515,886, or 14.7 per cent, foreign born, the latter consisting chiefly of whites.

The native white population numbered 68,386,412, and constituted 83.7 per cent of the white population and 74.4 per cent of the total population of the country. The 13,345,545 foreign-born whites constituted 16.3 per cent of the white population and 14.5 per cent of the total population.

Native whites of foreign parentage in 1910 numbered 49,488,575, constituting 60.5 per cent of the white population and 53.8 per cent of the total population. Native whites of foreign parentage formed 15.8 per cent of the white population and those of mixed parentage 7.3 per cent, the corresponding percentages based on the total population being 14 and 6.5, respectively.

Of the total increase of 15,977,691 in the population of the country between 1900 and 1910, the whites contributed 14,922,761, the negroes 993,769, and other races 61,161. The increase in the native population was 12,803,081, and that in the foreign born, 3,174,610, or about one-fifth of the total increase.

The percentage of increase for the whites, 22.3, was a little less than twice as high as that for the negroes, 11.2. This difference is partly due, however, to the direct or indirect effect of immigration upon the increase of the white population. The native white

CLASS OF POPULATION.	NUMBER.		INCREASE: ¹ 1900-1910		PER CENT OF TOTAL POPULATION.	
	1910	1900	Number.	Per cent.	1910	1900
Total population.....	81,872,266	75,984,575	15,977,691	21.0	100.0	100.0
White.....	81,731,957	66,809,196	14,922,761	22.3	88.9	87.9
Negro.....	9,827,763	8,835,994	993,769	11.2	10.7	11.6
Other colored races.....	412,546	351,385	61,161	17.4	0.4	0.5
Indian.....	265,683	237,196	28,487	12.0	0.3	0.3
Chinese.....	71,531	89,863	-18,332	-20.4	0.1	0.1
Japanese.....	72,157	24,326	47,831	196.6	0.1	(²)
All other.....	3,175	.....	3,175	.....	(²)	.....
Total native.....	78,456,380	65,653,299	12,803,081	19.5	85.3	86.4
Total foreign born.....	13,515,886	10,341,276	3,174,610	30.7	14.7	13.6
Total white.....	81,731,957	66,809,196	14,922,761	22.3	88.9	87.9
Native.....	68,386,412	56,595,379	11,791,033	20.8	74.4	74.5
Native parentage.....	49,488,575	40,949,362	8,539,213	20.9	53.8	53.9
Foreign parentage.....	12,916,311	10,632,280	2,284,031	21.5	14.0	14.0
Mixed parentage.....	5,961,526	5,013,737	967,789	19.3	6.5	6.6
Foreign born.....	13,345,545	10,213,817	3,131,728	30.7	14.5	13.4

¹ A minus sign (-) denotes decrease. ² Less than one-tenth of 1 per cent.

Of the population of the United States in 1910, 81,731,957, or 88.9 per cent, were whites; 9,827,763, or 10.7 per cent, were negroes; and 412,546, or four-tenths of 1 per cent, were other colored races.

population increased 20.8 per cent and the foreign-born white 30.7 per cent. There was very little difference in the rates of increase for the three parentage groups of the native white population.

By reason of these differences in the rates of increase of the several classes of population there was some change between 1900 and 1910 in the relative importance of the different groups. Whites constituted 88.9 per cent of the total population in 1910, as compared with 87.9 per cent in 1900. Native whites, however, constituted a slightly smaller proportion of the total in the later year than in the earlier, while foreign-born whites formed 14.5 per cent of the total in 1910, as compared with 13.4 per cent 10 years before.

It should be borne in mind that the increase in the white groups, from one census to another, represents more than the natural growth by excess of births over deaths. The increase of negroes and Indians, since their number is only slightly affected by immigration or emigration, is essentially a natural increase. The increase in the several white groups, however, is materially affected, directly or indirectly, by immigration, which greatly exceeds emigration. The total number of whites is swelled directly by immigration; the number of native whites by the children born of immigrants after their arrival in this country; and the number of native whites of native parentage by the children of the native whites of foreign or mixed parentage. Additions to the number of native whites of foreign parentage, of course, consist wholly of the children of the foreign born, while the additions to the native whites of mixed parentage are the children of intermarriages between the foreign born and the native.

It is possible, however, to estimate approximately the natural increase of the white population by subtracting from the total white population enumerated in 1910 the number of foreign-born whites who had immigrated to the country after 1900. The remainder, when compared with the white population enumerated in 1900, may be accepted as indicating approximately the growth in the white population apart from immigration, or, in other words, the natural increase of the white population between 1900 and 1910. The number of foreign-born whites enumerated in 1910 who had arrived in this country subsequently to January 1, 1901, was almost exactly 5,000,000. Subtracting this from the total white population enumerated in 1910 the remainder is about 76,730,000, which, as compared with the white population in 1900, 66,809,196, represents a difference of about 9,920,000, or 14.8 per cent.

¹ To be strictly accurate one should subtract the number of children enumerated in 1910 who were born in this country of the immigrants who came in after 1900; this number, however, is unknown, and is at least partially offset by the number of surviving white persons (also unknown) enumerated in 1900 who emigrated from the United States before April 15, 1910, and the surviving children born of such emigrants. Moreover, one should deduct the survivors (number unknown) of the immigrants who arrived in this country between June 1, 1900, the date of the Twelfth Census, and January 1, 1901.

This may somewhat exceed the natural increase, however, because certain minor factors have not been taken into account in this computation;¹ it is probable that the true rate of natural increase for the aggregate white population was not far from 14 per cent, and that this percentage may be fairly compared with the rate of increase in the negro population, 11.2 per cent.

White and negro population.—The number of whites and negroes in the total population of the United States at each census from 1790 to 1910 is given in Table 2.

CENSUS YEAR.	NUMBER.				PER CENT OF TOTAL.		
	Total population.	White.	Negro.	Indian, Chinese, Japanese, and all other.	White.	Negro.	Ind., Chi., Jap., and all other.
1910.....	91,972,266	81,731,957	9,827,763	412,546	88.9	10.7	0.4
1900.....	75,994,575	66,809,196	8,833,994	351,385	87.9	11.6	0.5
1890.....	62,917,714	55,101,258	7,488,765	357,790	87.5	11.9	0.6
1880.....	50,155,783	43,402,970	6,586,793	172,020	86.5	13.1	0.3
1870 ¹	38,568,371	33,889,377	4,880,069	88,985	87.1	12.7	0.2
1870 ²	39,818,449	34,337,292	6,392,172	88,985	86.2	15.6	0.2
1860.....	31,443,321	26,922,537	4,441,830	78,954	85.6	14.1	0.3
1850.....	23,191,876	19,553,068	3,638,808	.....	84.3	15.7	.....
1840.....	17,069,453	14,195,805	2,873,648	.....	83.2	16.8	.....
1830.....	12,866,020	10,537,378	2,328,642	.....	81.9	18.1	.....
1820.....	9,638,453	7,866,797	1,771,656	.....	81.6	18.4	.....
1810.....	7,229,881	5,862,073	1,377,808	.....	81.0	19.0	.....
1800.....	5,308,483	4,306,446	1,002,037	.....	81.1	18.9	.....
1790.....	3,929,214	3,172,006	757,208	.....	80.7	19.3	.....

¹ As enumerated.

² Estimated corrected figures. See explanation in text.

The census of 1860 was the first at which Indians were distinguished from the other classes. Not, however, until the census of 1890 was any enumeration made of the Indians on reservations or "living in tribal relations," so that statistics for the group in which they are included in the table are not comparable further back than 1890.

The distinction of white and colored is the only one which has been carried through all the 13 censuses. There is some doubt whether the small number of taxed Indians were counted with the white or with the colored prior to 1860.

The proportion of whites in the total population, which was approximately four-fifths in 1790, has increased at each succeeding census, except for an insignificant decrease in 1810 as compared with 1800. The apparently lower percentage in 1880, as compared with 1870, is undoubtedly erroneous, being due to the faulty census of 1870, which is known to have been generally deficient in the Southern states. The number of omissions in these states in 1870 is estimated to have been 747,915 whites and 512,163 negroes, aggregating 1,260,078. (See Reports of the Eleventh Census, Population, Part I, pp. xi, xii, and xvi.) Assuming these estimates to be correct, the white population in 1870 represented 86.2 per cent of the total and the negro 13.5.

During the first 40 years of the period covered by the table, the proportions of whites and negroes did not change materially, although the total population more than trebled. Thereafter the proportion of

whites increased more rapidly—from 81.9 per cent in 1830 to 88.9 per cent in 1910.

Table 3 gives the decennial increase, both absolute and relative, in the white and in the negro population for each decade from 1790 to 1910.

DECADE.	INCREASE.			PER CENT OF INCREASE.		
	Total.	White.	Negro.	Total.	White.	Negro.
1900-1910.....	15,977,691	14,922,761	993,769	21.0	22.3	11.2
1890-1900.....	13,046,861	11,707,938	1,345,318	20.7	21.2	18.0
1880-1890.....	12,466,467	11,550,620	1,859,247	24.9	26.7	13.5
1870-1880.....	11,597,412	9,813,593	1,700,784	30.1	29.2	35.9
1870-1880 ²	10,537,384	9,065,678	1,188,621	26.0	27.4	22.0
1860-1870 ²	8,376,128	7,414,745	960,542	26.6	27.5	21.3
1850-1860.....	7,115,050	6,036,849	438,179	22.6	24.8	9.9
1840-1850.....	8,251,445	7,309,469	803,922	35.6	37.7	22.1
1830-1840.....	6,122,423	5,357,263	765,160	35.9	37.7	26.6
1830-1841.....	4,203,433	3,658,427	545,006	32.7	34.7	23.4
1820-1830.....	3,227,567	2,870,581	356,986	33.5	33.9	31.4
1810-1820.....	2,398,572	2,004,724	393,848	33.1	34.2	28.6
1800-1810.....	1,931,398	1,555,627	375,771	35.4	36.1	37.5
1790-1800.....	1,379,269	1,134,440	244,829	35.1	35.8	32.3

¹ Exclusive of 325,464 persons (among whom were 117,368 whites and 18,636 negroes) specially enumerated in 1830 in Indian Territory and on Indian reservations.
² Estimated corrected increase.

The addition to the total white population in the decade 1900-1910 was considerably greater than during any other decade and indeed exceeded the total white population of the country in 1840. The increase in the negro population, however, was less than that from 1890 to 1900 and was much less than that from 1870 to 1880 as based on the returns.

If, however, the irregularity in the increase for the decades 1860-1870 and 1870-1880, due to the defective enumeration of the population in 1870, be corrected to correspond with the estimated population of 1870, the increase of negroes from 1870 to 1880 becomes less marked, although still greater than that from 1900 to 1910.

Assuming the estimates for 1870 to be approximately correct, each decade since 1790 has shown for the white population an absolute gain larger than that for the decade immediately preceding, and the percentage of increase for the white population has exceeded that for the negro population in every decade since 1790 except 1800-1810. In the 50 years 1860-1910 the white population increased 203.6 per cent and the negro population 121.3 per cent.

A comparison of the decennial rates of increase in the white population from 1790 to 1910 reveals three clearly defined periods. From 1790 to 1860 the rate was high and remarkably uniform, varying little from 35 per cent. Then it fell off abruptly and for three decades, from 1860 to 1890 (accepting the estimated figures for 1870), was close to 27 per cent. The third period dates from 1890, the percentage of increase being 21.2 from 1890 to 1900 and 22.3 from 1900 to 1910. With respect to the rate of increase of the negroes, three similar periods also appear, the second, however, beginning in 1830 and the third in 1880. According to the returns the rate from 1880 to 1890 was very much lower than even the estimated rate from 1870 to 1880, and

the rate from 1890 to 1900 was much higher than during either the preceding or the succeeding decade. Such abrupt changes in the growth of a class of the population which is not affected by immigration seem very improbable and almost force the conclusion that the enumeration of negroes in 1890 was deficient.

Indian, Chinese, and Japanese population.—In Table 4 are shown the numbers of Indians, Chinese, and Japanese at each census from 1860 to 1910.

CENSUS YEAR.	Indian.	Chinese.	Japanese.
1910.....	265,683	71,531	72,157
1900.....	237,196	89,863	24,326
1890.....	245,253	107,488	2,039
1880.....	66,407	105,465	148
1870.....	25,731	63,199	55
1860.....	44,021	34,933	.....

Indians in Indian Territory and on Indian reservations are not included in the totals for 1860, 1870, and 1880, but are included in the totals for 1890, 1900, and 1910. Since 1890 the Indian population has increased slightly, although a slight decrease is indicated for the decade 1890-1900; the Chinese population decreased, while the Japanese increased rapidly during each of the two decades and in 1910 slightly outnumbered the Chinese. There were also enumerated in 1910 other nonwhite races, consisting, for the greater part, of Hindus and Koreans, to the number of 3,175.

Black and mulatto population.—Table 5 gives a classification of the negro population as black or mulatto for the several censuses at which this distinction has been made.

CENSUS YEAR. ¹	NEGRO POPULATION.			PER CENT OF TOTAL.	
	Total.	Black.	Mulatto.	Black.	Mulatto.
1910.....	9,827,763	7,777,077	2,050,686	79.1	20.9
1900.....	7,488,676	6,337,980	1,152,690	84.8	15.2
1870.....	4,880,009	4,295,960	584,049	88.0	12.0
1860.....	4,441,830	3,853,467	588,363	86.8	13.2
1850.....	3,638,808	3,233,057	405,751	88.8	11.2

¹ No data for 1880 or 1900.

² Includes 18,636 negroes enumerated in Indian Territory, not distinguished as black or mulatto.

No data are available for 1880 or 1900. Of the 9,827,763 negroes enumerated in 1910, 7,777,077 were returned as black and 2,050,686 as mulatto. In 1850 the percentage of mulattoes was 11.2. It had advanced but little in 1870, being only 12 per cent, but since 1870 the proportion of mulattoes in the total negro population appears to have increased very materially, reaching 15.2 per cent in 1890 and 20.9 per cent in 1910. Considerable uncertainty necessarily attaches to this classification, however, since the accuracy of the distinction made depends largely upon the judgment and care of the enumerators. Moreover, the fact that the definition of the term "mulatto" adopted at different censuses has not been entirely uniform may affect the comparability of the figures in some degree. In 1870, as in 1910, however, the term was applied to all

persons having any perceptible trace of negro blood, excepting, of course, negroes of pure blood.

Native and foreign-born population.—The aggregate population at each census from 1850 to 1910 is classified as native or foreign born in Table 6.

CENSUS YEAR.	POPULATION.			PER CENT OF TOTAL.	
	Total.	Native.	Foreign born.	Native.	Foreign born.
1910.....	91,972,266	78,456,380	13,515,886	85.3	14.7
1900.....	75,994,575	65,635,289	10,341,276	86.4	13.6
1890.....	62,947,714	53,608,154	9,339,560	85.3	14.7
1880.....	50,153,783	43,475,840	6,679,943	86.7	13.3
1870.....	38,558,371	32,991,142	5,567,229	85.6	14.4
1860.....	31,443,321	27,304,624	4,138,697	86.8	13.2
1850.....	23,191,876	20,947,274	2,244,602	90.3	9.7

The proportions of the native and foreign born have not changed greatly since 1860. The deficiency in the census of 1870 affected the native population much more than the foreign born, so that the proportions for that year are slightly misleading. It is certain, however, that for the native population the rate of increase has fallen off in each of the last three decades. For the foreign born the rate has fluctuated more or less directly with the volume of immigration. The decennial increases from 1850 to 1910 are shown in Table 7.

DECADE.	INCREASE.			PER CENT OF INCREASE.		
	Total.	Native.	Foreign born.	Total.	Native.	Foreign born.
1900-1910.....	15,977,691	12,803,081	3,174,610	21.0	19.5	30.7
1890-1900.....	13,046,861	11,955,145	1,091,716	20.7	22.3	11.8
1880-1890.....	12,969,467	11,896,863	1,269,604	24.9	22.8	38.5
1870-1880.....	11,597,412	10,884,008	1,112,714	30.1	31.8	29.0
1860-1870.....	7,115,050	5,886,518	1,428,532	22.6	20.8	34.6
1850-1860.....	5,251,445	6,357,350	1,894,095	35.6	30.3	84.4

¹ Exclusive of population specially enumerated in 1890.

CENSUS YEAR OR DECADE.	Total white.	NATIVE WHITE.					Foreign-born white.
		Total.	Native parentage.	Foreign or mixed parentage.			
				Total.	Foreign.	Mixed.	
1910.....	81,731,957	68,386,412	49,488,575	18,897,837	12,916,311	5,981,526	13,345,545
1900.....	65,809,196	56,595,379	40,949,362	15,646,017	10,632,280	5,013,737	10,213,817
1890.....	55,101,258	48,979,391	34,475,716	11,503,675	8,085,019	3,418,656	9,121,867
1880.....	45,402,970	39,545,291	28,558,424	8,271,867	4,636,769	1,911,908	6,552,679
1870.....	33,589,377	28,085,665	12,771,397	15,324,268	14,167,098	11,157,170	5,493,712
1860.....	26,922,537	22,825,784	12,222,784	10,602,999	9,402,784	7,532,928	4,096,753
1850.....	19,653,068	17,312,533	10,000,000	7,312,533	6,000,000	5,000,000	2,240,535
Increase:							
1900-1910.....	14,922,761	11,791,033	8,539,213	3,251,820	2,284,031	967,789	3,131,728
1890-1900.....	11,707,938	10,615,988	6,473,646	4,142,342	2,547,261	1,585,081	1,091,560
1880-1890.....	11,800,959	9,018,732	5,759,424	3,228,808	1,721,250	1,501,558	2,562,188
1870-1880.....	9,813,593	8,747,626	5,797,027	2,950,599	2,196,671	753,928	1,065,967
1860-1870.....	6,066,840	5,269,881	3,000,000	2,269,881	1,700,000	600,000	1,396,599
1850-1860.....	7,369,469	5,513,251	3,000,000	2,513,251	2,000,000	1,000,000	1,856,218
Per cent of increase:							
1900-1910.....	22.3	20.8	20.9	20.8	21.5	19.3	30.7
1890-1900.....	21.2	23.1	18.8	36.0	31.5	46.7	12.0
1880-1890.....	26.7	24.5	20.3	39.0	27.0	78.9	39.1
1870-1880.....	29.2	31.1	25.5	55.4	52.7	65.2	19.4
1860-1870.....	24.8	23.1	25.5	55.4	52.7	65.2	34.1
1850-1860.....	37.7	31.8	31.8	31.8	31.8	31.8	82.8

¹ Partly estimated.

² Exclusive of white population specially enumerated in 1890.

The native white population increased 20.8 per cent in the decade 1900-1910; in the preceding decade, 1890-1900, the increase was 23.1 per cent.

Table 8 shows, for 1910, the number of each color or race who were native and foreign born, respectively, with the percentage which persons of each color or race formed of the total foreign born.

COLOR OR RACE.	POPULATION.				
	Total.	Native.	Foreign born.		
			Number.	Per cent of total.	Per cent of total foreign born.
Total population.....	91,972,266	78,456,380	13,515,886	14.7	100.0
White.....	81,731,957	68,386,412	13,345,545	16.3	98.7
Negro.....	9,827,763	9,787,424	40,339	0.4	0.3
Indian.....	265,683	262,930	2,753	1.0	(1)
Chinese.....	71,531	14,935	56,596	73.1	0.4
Japanese.....	72,157	4,502	67,655	93.8	0.5
All other.....	3,175	177	2,998	94.4	(1)

¹ Less than one-tenth of 1 per cent.

The distinction of native or foreign birth is significant for the white population only. The proportion of foreign born among the negroes and Indians is quite unimportant; and while more than three-fourths of the members of the other nonwhite races enumerated are of foreign birth, the distinction has little significance. In the subsequent consideration of the population of the United States the distinction between native and foreign born is generally noted only in the case of the white population.

White population by nativity and parentage.—Table 9 classifies the total white population at each census from 1850 to 1910 as native or foreign born, and the native white population at each census from 1870 to 1910 by parentage. Statistics as to parentage are not available for any census prior to that of 1870. The decennial increases are also given in the table for all decades for which figures are available.

For the native whites of native parentage, however, the rate of increase was higher from 1900 to 1910 than in the preceding decade, being 20.9 per cent as

compared with 18.8. For the native whites of foreign parentage, on the other hand, the rate from 1900 to 1910 was lower, and there was a decline even more marked in the percentage of increase for the native whites of mixed parentage—from 46.7 per cent in the earlier decade to 19.3 in the later. It should be remembered, however, that these percentages do not represent the rates of "natural" increase for the several classes compared, for the reason, already noted, that the births among the native population of foreign parentage are contributions to the growth of the native population of native parentage, and the native whites of foreign parentage are similarly dependent for their increase upon the birth rate among the foreign-born whites. These variations in the rates of increase are affected by preceding variations in the number of immigrants and in their age distribution, sex distribution, and other characteristics, but the effects are very difficult to trace.

A further presentation for each of the nativity and parentage classes of the white population is given in Table 10, which shows the proportion which they formed of the white population and of the total population of the country, respectively, at each census from 1850 to 1910.

CENSUS YEAR.	NATIVE WHITE.						
	Total white.	Total.	Native parentage.	Foreign or mixed parentage.			Foreign-born white.
				Total.	Foreign.	Mixed.	
PER CENT OF TOTAL WHITE POPULATION.							
1910.....	100.0	83.7	60.5	23.1	15.8	7.3	16.3
1900.....	100.0	84.7	61.3	23.4	15.9	7.5	15.3
1890.....	100.0	83.4	62.6	20.9	14.7	6.2	16.6
1880.....	100.0	84.9	65.8	19.1	14.7	4.4	15.1
1870.....	100.0	83.6	67.8	15.9	12.4	3.4	16.4
1860.....	100.0	84.8	.....	.....	.....	.....	15.2
1850.....	100.0	88.5	.....	.....	.....	.....	11.5
PER CENT OF TOTAL POPULATION.							
1910.....	88.9	74.4	53.8	20.5	14.0	6.5	14.5
1900.....	87.9	74.5	53.9	20.6	14.0	6.6	13.4
1890.....	87.5	73.0	54.8	18.3	12.8	5.1	14.5
1880.....	86.5	73.5	57.0	16.5	12.7	3.8	15.1
1870.....	87.1	72.9	59.1	13.8	10.8	3.0	14.2
1860.....	85.6	72.6	.....	.....	.....	.....	13.0
1850.....	84.3	74.6	.....	.....	.....	.....	9.7

Of the total white population in 1910, approximately five-sixths (83.7 per cent) were native and about one-sixth (16.3 per cent) foreign born. The proportion of foreign born in the white population increased from 11.5 per cent in 1850 to 15.2 per cent in 1860, and to 16.4 per cent in 1870 (doubtless slightly exaggerated by the deficiency in enumeration in the South, where most of the population is native). Since 1870 it has slightly decreased and slightly increased in alternate decades.

The proportion of persons of native parentage among the whites has decreased during each of the four decades covered by the figures, falling off from 67.8 per cent of the total in 1870 to 60.5 per cent in 1910.

Those of foreign and of mixed parentage, taken together, constituted a larger proportion of the white population at each succeeding census from 1870 to 1900, but the proportion in 1910 (23.1 per cent) was a trifle lower than in 1900.

DIVISIONS AND STATES.

Population by color or race, nativity, and parentage.—The population of the divisions and states in 1910 and 1900 is classified in Table 12 by color or race, and in Table 13 by nativity and parentage.

The general geographic distribution of the principal race, nativity, and parentage classes of the population in 1910 is indicated in Table 11.

SECTION AND DIVISION.	Total population.	White.				Negro.	Ind., Chl., Jap., and all other.
		Total.	Native.		Foreign born.		
			Native parentage.	Foreign or mixed parentage.			
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
The North.....	60.6	66.9	55.3	84.5	84.3	10.5	21.8
New England.....	7.1	7.9	5.3	10.9	13.6	0.7	1.4
Middle Atlantic.....	21.0	23.1	17.1	29.6	36.2	4.3	4.3
East North Central.....	19.8	21.9	19.7	27.0	23.0	3.1	5.4
West North Central.....	12.7	13.9	13.2	17.0	12.1	2.5	10.6
The South.....	32.0	25.1	37.5	6.7	5.4	89.0	22.4
South Atlantic.....	13.3	9.9	14.8	2.3	2.2	41.8	2.6
East South Central.....	9.1	7.0	11.0	1.1	0.7	27.0	0.7
West South Central.....	9.6	8.2	11.7	3.2	2.6	20.2	19.1
The West.....	7.4	8.0	7.2	8.8	9.7	0.5	56.0
Mountain.....	2.9	3.1	3.0	3.3	3.3	0.2	22.2
Pacific.....	4.6	4.9	4.3	5.6	6.5	0.3	33.3

Of the total white population in 1910, about two-thirds (54,640,209, or 66.9 per cent) were in the four northern divisions, and of the negro population, approximately nine-tenths (8,749,427, or 89 per cent) were in the three southern divisions. The Chinese and the Japanese were mainly in the states of the Pacific coast and Rocky Mountains; and the Indians mainly on scattered reservations, and in states lying west of the Mississippi, more than one-fourth (74,825, or 28.2 per cent) being in Oklahoma.

Of the 13,345,545 foreign-born whites in 1910, approximately five-sixths (11,321,016, or 84.8 per cent) were in the four northern divisions; and practically the same proportion (15,967,158, or 84.5 per cent) of the 18,897,837 native whites of foreign or mixed parentage were in these same divisions. Of the total foreign-born white population, 36.2 per cent were in the Middle Atlantic division, a percentage which considerably exceeds the corresponding figure for 1900 (32.3 per cent). The native whites of native parentage were widely distributed, 27,352,035, or 55.3 per cent, of this class in 1910 being in the four northern divisions, 18,561,146, or 37.5 per cent, in the three southern divisions, and 3,575,394, or 7.2 per cent, in the two western divisions.

COLOR OR RACE, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 12

POPULATION BY COLOR OR RACE.

DIVISION AND STATE.	Total.		White.		Negro.		Indian.		Chinese.		Japanese.		All other: 1910
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	
United States.....	91,972,266	75,994,575	81,731,957	66,809,196	9,827,763	8,833,994	265,683	237,196	71,531	89,863	72,157	24,326	3,175
GEOGRAPHIC DIVISIONS:													
New England.....	6,552,681	5,592,017	6,480,514	5,527,026	66,306	59,099	2,076	1,600	3,499	4,203	272	89	14
Middle Atlantic.....	19,315,832	15,454,678	18,880,452	15,110,862	417,870	325,921	7,717	6,959	8,189	10,490	1,643	446	21
East North Central.....	18,520,621	15,985,581	17,927,622	15,710,053	309,836	257,842	18,255	15,027	3,415	2,533	482	126	11
West North Central.....	11,637,921	10,347,423	11,351,621	10,065,817	242,692	237,909	41,406	42,339	1,195	1,135	1,000	223	37
South Atlantic.....	12,194,895	10,443,480	8,071,603	6,706,058	4,112,488	3,729,017	9,054	6,585	1,582	1,791	156	29	12
East South Central.....	8,409,901	7,547,757	5,754,326	5,044,847	2,632,513	2,499,886	2,612	2,500	414	427	26	7	10
West South Central.....	8,784,534	6,532,290	6,721,491	4,771,065	1,984,426	1,694,066	76,767	65,574	1,303	1,555	428	30	119
Mountain.....	2,633,517	1,674,657	2,520,455	1,579,855	21,467	15,590	75,338	66,155	5,614	7,950	10,447	5,107	196
Pacific.....	4,192,304	2,416,692	4,023,873	2,293,613	29,195	14,664	32,453	30,367	46,320	59,779	57,703	18,269	2,755
NEW ENGLAND:													
Maine.....	742,371	694,466	739,995	692,226	1,363	1,319	892	798	108	119	13	4	.....
New Hampshire.....	430,572	411,588	429,906	410,701	564	662	34	22	67	112	1	1	.....
Vermont.....	355,956	343,641	354,298	342,771	1,621	826	26	5	8	39	3	.....	.....
Massachusetts.....	3,356,416	2,805,346	3,324,926	2,769,764	38,055	31,974	688	587	2,582	2,968	151	53	14
Rhode Island.....	542,610	428,556	532,492	419,050	9,529	9,092	284	35	272	366	33	13	.....
Connecticut.....	1,114,756	908,520	1,098,897	892,424	15,174	15,226	152	153	462	599	71	18	.....
MIDDLE ATLANTIC:													
New York.....	9,113,614	7,268,894	8,966,845	7,156,881	134,191	99,232	6,046	5,267	5,266	7,170	1,247	354	19
New Jersey.....	2,537,167	1,833,669	2,445,894	1,812,317	89,760	69,844	168	63	1,139	1,393	206	52	.....
Pennsylvania.....	7,665,111	6,302,115	7,467,713	6,141,664	103,919	156,845	1,503	1,639	1,784	1,927	199	40	2
EAST NORTH CENTRAL:													
Ohio.....	4,767,121	4,157,545	4,654,897	4,060,204	111,482	96,901	127	42	569	371	76	27	.....
Indiana.....	2,700,876	2,516,462	2,639,961	2,458,502	60,340	57,545	279	243	276	207	38	5	2
Illinois.....	5,638,591	4,821,550	5,526,962	4,734,873	109,409	89,078	188	16	2,103	1,503	255	80	4
Michigan.....	2,810,173	2,420,982	2,785,247	2,398,563	17,115	15,816	7,519	6,354	241	240	49	9	.....
Wisconsin.....	2,333,860	2,069,042	2,320,555	2,057,911	2,900	2,542	10,142	8,372	226	212	34	5	3
WEST NORTH CENTRAL:													
Minnesota.....	2,075,708	1,751,394	2,059,227	1,737,036	7,094	4,959	9,053	9,182	275	166	67	51	2
Iowa.....	2,224,771	2,231,853	2,209,191	2,218,667	14,773	12,693	471	382	97	104	36	7	3
Missouri.....	3,293,335	3,106,665	3,134,932	2,944,843	137,492	161,234	313	130	535	449	99	9	4
North Dakota.....	577,066	319,146	569,855	311,712	617	256	6,486	6,968	39	32	59	148	.....
South Dakota.....	583,888	401,570	563,771	380,714	817	465	19,137	20,225	121	165	42	1	.....
Nebraska.....	1,192,214	1,066,300	1,189,293	1,056,526	7,689	6,299	3,502	3,322	112	180	599	3	28
Kansas.....	1,690,940	1,470,495	1,634,352	1,416,319	54,000	52,003	2,444	2,130	16	39	107	4	.....
SOUTH ATLANTIC:													
Delaware.....	202,322	184,735	171,102	153,977	31,181	30,697	5	9	30	51	4	1	.....
Maryland.....	1,295,346	1,188,044	1,062,639	952,424	232,250	235,064	55	3	378	544	24	9	.....
District of Columbia.....	331,069	278,718	236,128	194,532	94,446	86,702	68	22	369	455	47	7	11
Virginia.....	2,061,612	1,854,184	1,989,809	1,192,855	671,996	660,722	539	354	154	243	14	10	.....
West Virginia.....	1,221,119	988,800	1,156,817	915,233	64,173	43,499	36	12	90	56	3	.....	.....
North Carolina.....	2,206,287	1,893,810	1,500,511	1,263,603	697,843	624,469	7,851	5,687	80	51	2	.....	.....
South Carolina.....	1,515,400	1,340,316	679,161	557,807	835,843	782,321	331	121	57	67	8	.....	.....
Georgia.....	2,609,121	2,216,331	1,431,802	1,181,294	1,176,987	1,034,813	95	19	233	204	4	1	.....
Florida.....	752,619	528,542	443,634	297,333	308,669	230,730	74	358	191	120	50	1	1
EAST SOUTH CENTRAL:													
Kentucky.....	2,289,905	2,147,174	2,027,951	1,862,309	261,636	284,706	234	102	52	57	12	.....	.....
Tennessee.....	2,184,789	2,020,616	1,711,432	1,540,186	473,288	480,243	216	108	43	75	8	4	.....
Alabama.....	2,138,093	1,828,697	1,228,832	1,001,152	908,082	827,307	960	177	62	58	4	3	.....
Mississippi.....	1,797,114	1,551,270	786,111	641,200	1,069,487	907,630	1,253	2,203	257	237	2	.....	4
WEST SOUTH CENTRAL:													
Arkansas.....	1,574,449	1,311,564	1,131,026	944,580	442,891	366,856	460	66	62	62	9	.....	1
Louisiana.....	1,656,388	1,381,625	941,086	729,612	713,874	650,804	780	593	507	599	31	17	110
Oklahoma!.....	1,657,155	790,391	1,444,531	670,204	137,612	55,684	74,825	64,445	139	53	43	.....	.....
Texas.....	3,896,542	3,048,710	3,204,848	2,426,669	690,409	629,722	702	470	595	836	340	13	8
MOUNTAIN:													
Montana.....	376,053	243,329	360,580	226,283	1,834	1,523	10,745	11,343	1,285	1,739	1,585	2,441	24
Idaho.....	325,594	161,772	319,221	154,495	651	293	3,488	4,226	859	1,467	1,363	1,291	12
Wyoming.....	145,965	92,531	140,318	89,051	2,235	940	1,486	1,686	246	461	1,506	303	84
Colorado.....	799,024	539,700	783,415	529,496	11,453	8,570	1,482	1,437	373	599	2,300	48	1
New Mexico.....	327,301	193,310	304,594	180,297	1,623	1,610	20,573	13,144	248	341	258	8	.....
Arizona.....	204,354	122,931	171,468	92,903	2,009	1,848	29,201	26,480	1,305	1,419	371	281	.....
Utah.....	373,351	276,749	366,583	272,465	1,144	672	3,123	2,623	371	572	2,110	417	20
Nevada.....	81,875	42,335	74,276	35,405	513	134	5,240	5,216	927	1,352	864	228	55
PACIFIC:													
Washington.....	1,141,990	518,103	1,109,111	496,304	6,458	2,514	10,997	10,039	2,709	3,629	12,929	5,617	186
Oregon.....	672,765	413,536	655,090	394,582	1,692	1,105	5,090	4,951	7,363	10,307	3,418	2,501	312
California.....	2,377,549	1,485,053	2,259,672	1,402,727	21,645	11,045	16,371	15,377	36,218	45,733	41,356	10,151	2,257

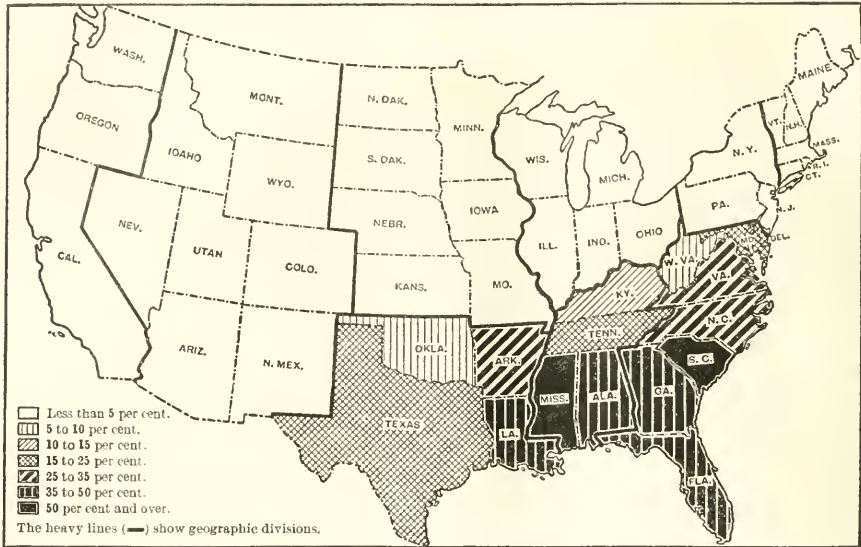
! Includes population of Indian Territory for 1900.

NATIVITY AND PARENTAGE, BY DIVISIONS AND STATES: 1910 AND 1900.

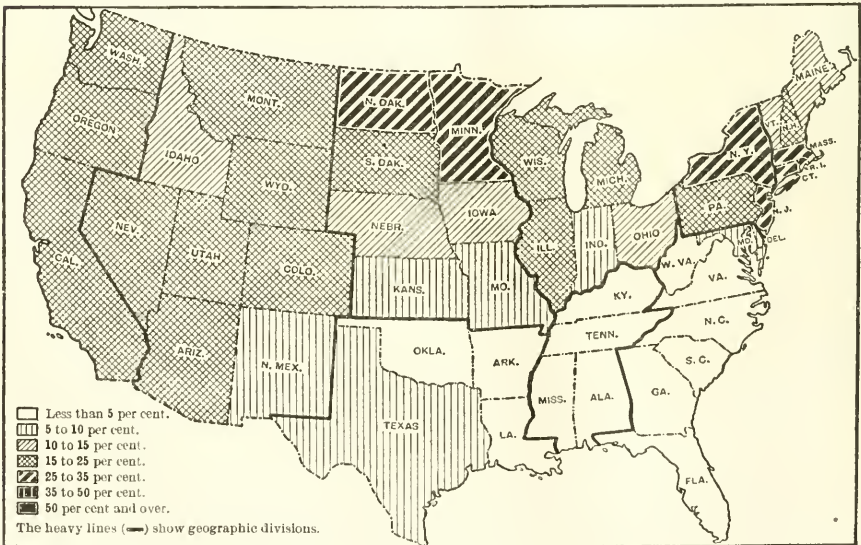
Table 13 DIVISION AND STATE.	TOTAL POPULATION BY NATIVITY.								WHITE POPULATION BY NATIVITY AND PARENTAGE.											
	Native.				Foreign born.				Total.	Native.				Foreign parentage.	Mixed parentage.		Foreign born.			
	1910	1900	1910	1900	1910	1900	1910	1900		Native parentage.		1910	1900		1910	1900	1910	1900		
									1910	1900										
United States.....	78,456,380	65,453,299	13,515,886	10,341,276	68,338,412	56,595,379	49,488,575	40,949,362	12,918,311	10,632,280	5,981,826	5,013,737	13,345,545	10,213,817						
GEOGRAPHIC DIVISIONS:																				
New England.....	4,727,571	4,146,780	1,825,110	1,445,237	4,666,128	4,090,154	2,613,419	2,511,110	1,460,565	1,117,093	592,144	461,951	1,814,386	1,436,872						
Middle Atlantic.....	14,464,719	12,137,119	4,851,173	3,317,559	14,054,273	11,908,746	8,462,961	7,406,579	4,113,076	3,143,021	1,478,236	1,259,146	4,826,179	3,302,116						
East North Central.....	15,176,855	13,360,355	3,073,706	2,625,226	14,800,402	13,089,756	9,751,968	8,488,016	3,430,015	3,110,784	1,658,419	1,490,956	3,067,220	2,620,297						
West North Central.....	10,021,226	8,814,175	1,616,695	1,533,248	9,738,390	8,534,712	6,523,687	5,660,903	2,102,703	1,933,117	1,112,000	940,692	1,613,231	1,531,165						
South Atlantic.....	11,894,900	10,227,450	299,994	216,030	7,781,048	6,497,175	7,341,205	6,107,314	274,451	233,871	165,392	155,990	290,555	208,883						
East South Central.....	8,322,076	7,457,189	87,825	90,568	5,667,409	4,955,165	5,452,492	4,725,774	123,915	131,048	91,062	98,343	86,857	89,682						
West South Central.....	8,432,342	6,265,203	352,192	267,087	6,372,732	4,507,055	5,767,449	4,028,944	364,032	285,781	241,251	192,330	348,759	264,010						
Mountain.....	2,180,195	1,372,688	453,322	301,969	2,083,545	1,291,494	1,466,224	855,101	370,009	266,255	246,912	170,138	436,910	288,361						
Pacific.....	3,236,495	1,872,340	955,809	544,352	3,162,425	1,821,122	2,108,770	1,165,621	657,545	411,310	396,110	244,191	861,448	472,491						
NEW ENGLAND:																				
Maine.....	631,809	601,136	110,562	93,330	629,862	599,201	494,907	493,082	73,455	58,306	61,500	47,908	110,133	92,335						
New Hampshire.....	333,905	323,481	96,667	88,107	333,348	322,330	230,231	242,614	67,601	58,282	35,516	26,934	96,558	87,961						
Vermont.....	306,035	298,894	40,921	44,747	304,437	298,077	229,382	225,381	39,507	38,239	35,548	34,457	49,861	44,694						
Massachusetts.....	2,307,171	1,959,022	1,069,245	846,324	2,273,576	1,929,650	1,103,429	1,032,264	846,820	650,694	333,627	246,692	1,051,050	840,114						
Rhode Island.....	363,469	294,037	179,141	134,519	354,467	285,278	159,821	144,986	144,270	104,087	50,376	35,205	178,025	133,772						
Connecticut.....	785,182	670,210	329,574	238,210	770,135	665,028	393,649	372,783	288,912	212,485	85,577	69,760	328,759	237,396						
MIDDLE ATLANTIC:																				
New York.....	6,365,603	5,368,469	2,748,011	1,900,425	6,237,573	5,267,358	3,230,325	2,851,513	2,241,837	1,761,868	765,411	653,977	2,729,272	1,889,523						
New Jersey.....	1,876,379	1,516,785	660,788	431,884	1,787,706	1,382,267	1,009,909	825,973	576,011	402,893	201,786	153,401	658,158	430,000						
Pennsylvania.....	6,222,737	5,181,865	1,442,374	985,250	6,028,994	5,159,121	4,222,727	3,729,093	1,295,228	978,260	511,099	451,768	1,438,719	982,543						
EAST NORTH CENTRAL:																				
Ohio.....	4,168,747	3,698,811	598,374	458,734	4,057,652	3,602,304	3,033,259	2,651,440	671,275	612,518	353,118	338,346	597,245	457,900						
Indiana.....	2,541,213	2,374,341	159,663	142,121	2,480,639	2,316,641	2,130,088	1,952,194	211,008	215,785	139,543	148,662	159,322	141,861						
Illinois.....	4,433,277	3,854,803	1,205,314	966,747	4,324,402	3,770,238	2,600,555	2,271,765	1,232,155	1,070,211	491,692	428,262	1,202,560	964,365						
Michigan.....	2,212,623	1,879,329	597,550	541,653	2,189,723	1,858,367	1,224,841	1,026,714	611,319	533,547	353,568	298,106	595,524	590,193						
Wisconsin.....	1,820,995	1,553,071	512,865	315,971	1,807,986	1,542,206	763,225	585,903	724,258	678,723	320,503	277,580	512,569	315,705						
WEST NORTH CENTRAL:																				
Minnesota.....	1,532,113	1,246,076	543,595	505,318	1,516,217	1,232,101	573,081	425,780	667,460	597,800	273,676	208,521	543,010	504,935						
Iowa.....	1,951,006	1,925,933	273,765	305,920	1,935,707	1,912,885	1,303,526	1,261,068	955,541	419,123	236,640	232,694	273,484	306,975						
Missouri.....	3,063,556	2,890,286	229,779	216,379	2,906,036	2,729,608	2,387,835	2,204,874	312,027	319,110	206,174	205,054	228,890	215,775						
North Dakota.....	420,402	206,055	156,054	113,091	413,697	199,122	162,461	65,811	108,054	102,680	71,182	30,631	156,158	112,590						
South Dakota.....	483,098	313,062	100,790	88,508	463,143	292,385	245,682	136,191	143,045	110,915	74,446	45,279	100,628	88,329						
Nebraska.....	1,015,552	888,953	176,662	177,347	1,004,428	879,409	642,075	553,524	234,670	221,983	127,688	103,902	175,865	177,117						
Kansas.....	1,555,499	1,343,810	135,450	126,685	1,499,162	1,289,742	1,207,057	1,013,655	169,906	169,906	122,093	114,181	135,190	126,577						
SOUTH ATLANTIC:																				
Delaware.....	184,830	170,925	17,492	13,810	153,652	140,248	127,809	118,029	17,566	14,767	8,307	7,452	17,420	13,729						
Maryland.....	1,190,462	1,094,110	104,944	93,934	958,465	859,280	766,627	680,499	130,321	119,188	61,517	60,043	104,174	93,144						
District of Columbia.....	306,167	285,599	24,902	20,119	211,777	172,012	166,711	134,073	26,922	22,449	18,544	15,490	24,351	19,530						
Virginia.....	2,034,555	1,834,723	27,057	19,461	1,363,181	1,173,787	1,325,238	1,141,213	21,613	17,099	16,330	15,475	26,628	19,068						
West Virginia.....	1,163,901	936,349	57,218	22,451	1,099,745	892,854	1,042,107	843,981	35,407	26,888	22,331	22,035	57,072	27,379						
North Carolina.....	2,200,195	1,898,318	6,092	4,492	1,494,569	1,259,209	1,485,718	1,250,811	3,886	3,321	4,965	5,077	5,942	4,394						
South Carolina.....	1,509,221	1,334,788	6,179	5,528	673,707	552,426	661,970	540,766	5,759	5,936	5,378	5,734	6,054	5,371						
Georgia.....	2,593,644	2,203,928	15,477	12,403	1,416,130	1,169,273	1,391,058	1,144,360	13,232	12,006	12,440	10,907	17,622	12,021						
Florida.....	711,966	504,710	40,633	23,832	409,792	278,076	373,967	254,032	20,145	12,267	15,680	11,777	33,842	19,237						
EAST SOUTH CENTRAL:																				
Kentucky.....	2,249,743	2,096,925	40,162	50,249	1,987,898	1,812,176	1,563,194	1,673,413	76,523	56,236	48,181	52,527	40,053	50,133						
Tennessee.....	2,166,182	2,002,870	18,607	17,746	1,692,973	1,522,600	1,654,606	1,451,636	20,572	21,281	17,795	19,683	18,459	17,586						
Alabama.....	2,118,807	1,814,105	19,285	14,592	1,209,876	986,814	1,177,459	956,658	17,667	15,188	14,750	14,970	18,956	14,338						
Mississippi.....	1,787,344	1,343,289	9,770	7,981	776,722	633,575	757,233	614,067	9,153	8,845	10,336	11,163	9,389	7,625						
WEST SOUTH CENTRAL:																				
Arkansas.....	1,557,403	1,297,275	17,046	14,289	1,114,117	930,394	1,077,509	897,668	18,387	15,199	18,221	17,527	16,909	14,186						
Louisiana.....	1,603,622	1,328,722	52,766	52,903	889,304	677,759	776,587	569,962	68,389	63,317	44,328	44,450	51,782	51,853						
Oklahoma.....	1,616,713	769,853	40,442	20,538	1,404,447	649,814	1,310,403	601,552	49,877	24,683	44,167	23,579	40,064	20,390						
Texas.....	3,654,604	2,869,353	241,938	179,357	2,964,864	2,249,088	2,602,950	1,959,762	227,370	182,582	134,535	106,744	239,984	177,581						
MOUNTAIN:																				
Montana.....	281,340	176,262	94,713	67,067	268,936	163,910	162,127	92,937	68,606	46,246	38,203	24,727	91,644	62,373						
Idaho.....	283,016	137,168	42,578	24,604	278,794	132,605	203,599	89,851	40,075	23,373	35,120	19,381	40,427	21,890						
Wyoming.....	116,945	75,116	29,020	17,415	113,200	72,469	80,696	47,982	19,751	15,450	12,753	9,037								

ABSTRACT OF THE CENSUS—POPULATION.

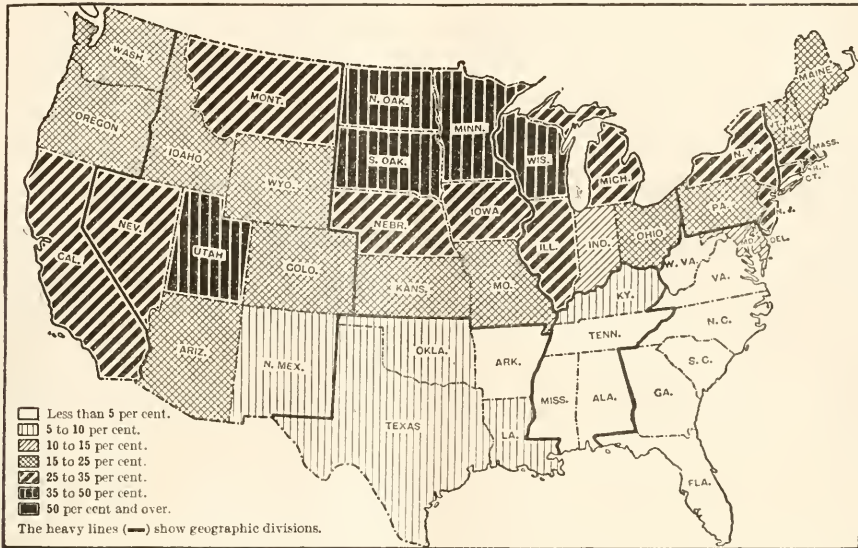
PERCENTAGE OF NEGROES IN THE TOTAL POPULATION: 1910.



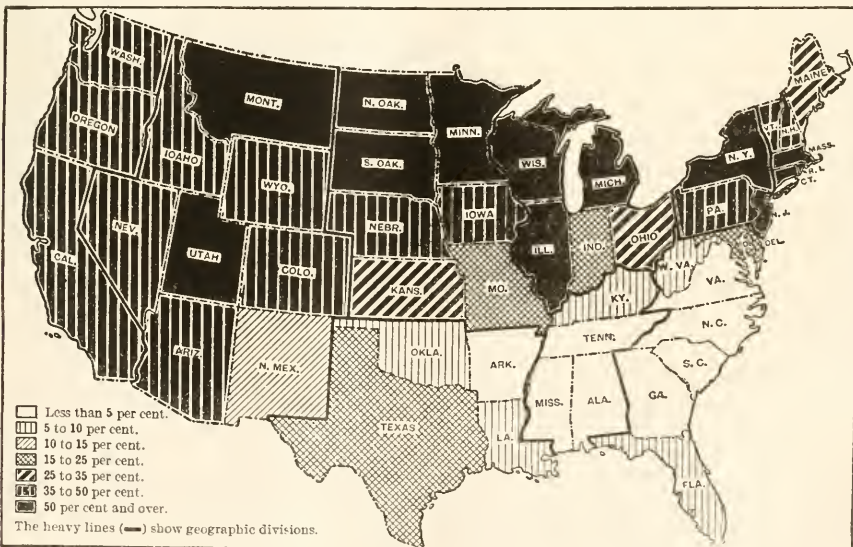
PERCENTAGE OF FOREIGN-BORN WHITES IN THE TOTAL POPULATION: 1910.



PERCENTAGE OF NATIVE WHITES OF FOREIGN OR MIXED PARENTAGE IN THE TOTAL POPULATION: 1910.

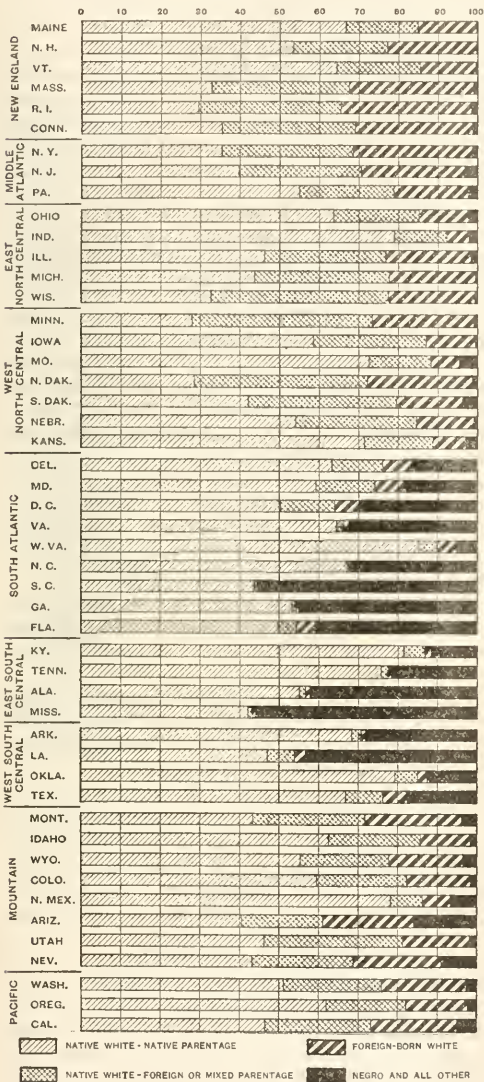


PERCENTAGE OF FOREIGN-BORN WHITES AND NATIVE WHITES OF FOREIGN OR MIXED PARENTAGE COMBINED IN THE TOTAL POPULATION: 1910.



The distribution by color or race, nativity, and parentage of the population of each division and state in 1910 and 1900 is shown by percentages in Table 14. The figures for 1910 may be more readily grasped by means of the accompanying diagram and the four maps on pages 84 and 85.

COLOR OR RACE, NATIVITY, AND PARENTAGE: 1910.
PER CENT



* Less than one-tenth of 1 per cent.

In 1910 whites constituted 98 per cent of the total population in the North, 95.9 per cent in the West, and 69.9 per cent in the South. The nonwhite population in the North and in the South consists chiefly of negroes, but in the West it consists chiefly of Indians, Chinese, and Japanese.

Among the nine geographic divisions the proportion of whites in 1910 was highest in New England (98.9 per cent) and lowest in the South Atlantic division (66.2 per cent); among the individual states it was highest in New Hampshire (99.8 per cent) and lowest in Mississippi and South Carolina, the only states where whites constituted less than one-half of the population.

Native whites of native parentage constituted in 1910 approximately one-half of the total population of the North (49.1 per cent) and of the West (52.4 per cent), but in the South they constituted a little over five-eighths (63.2 per cent) of the total. Native whites of foreign or mixed parentage formed 28.6 per cent of the total population in the North, 24.5 per cent in the West, and only 4.3 per cent in the South. Foreign-born whites constituted a much larger proportion in the North (20.3 per cent) and in the West (19 per cent) than in the South (2.5 per cent).

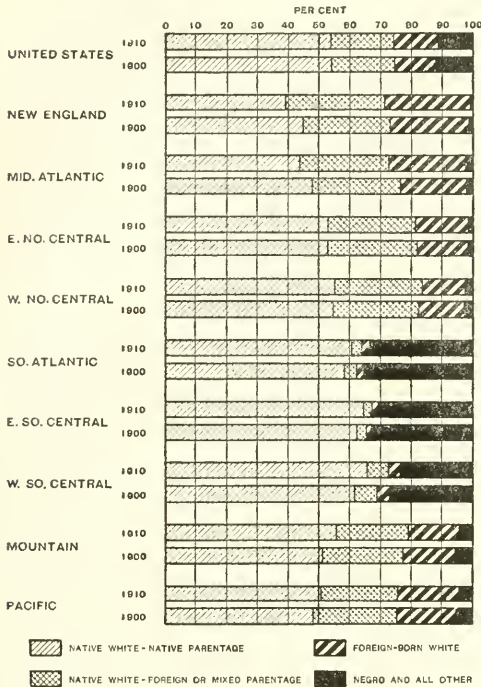
Considering the nine geographic divisions, the proportion of native whites of native parentage in the total population was highest in the West South Central division (65.7 per cent), but was approximately the same in the East South Central (64.8 per cent); it was lowest in New England (39.9 per cent). On the other hand, the proportion of native whites of foreign or mixed parentage was highest in New England (31.3 per cent) and lowest in the East South Central division (2.6 per cent). These same two divisions, likewise, ranked highest and lowest, respectively, in the proportion of foreign-born whites (27.7 per cent and 1 per cent of their total population, respectively).

Table 14 also shows the composition of the population of each division and state in 1910 in comparison

Table 15, derived from Table 14, presents percentages for 1910 for each division and for each of the three great geographic sections, the North, the South, and the West.

with that in 1900. For the nine geographic divisions the changes which have taken place are shown in the accompanying diagram.

COLOR OR RACE, NATIVITY, AND PARENTAGE: 1910 AND 1900.



Comparing the percentages for 1910 with those for 1900, as shown in Table 14, it appears that whites formed a larger proportion of the total population in 1910 than in 1900 in each geographic division except the Middle Atlantic and the East North Central, in both of which the change in the other direction was insignificant. In every Southern state except West Virginia and Arkansas the proportion of whites was appreciably higher in 1910 than in 1900.

Of the total population of the United States, 53.8 per cent were native whites of native parentage in 1910 and 53.9 per cent in 1900. But while the percentage remained practically unchanged for the country as a whole, it decreased in every New England and Middle Atlantic state and also in Ohio, Illinois, Delaware, and West Virginia. On the other hand, the native whites of foreign or mixed parentage constituted a greater proportion of the population in 1910 than in 1900 in most of the states of the New England and Middle Atlantic divisions, while the proportion declined or remained unchanged in every

state outside of these two divisions except North Dakota, Delaware, and Florida. The foreign-born whites formed a larger proportion of the population in 1910 than in 1900 in the New England, Middle Atlantic, East North Central, South Atlantic, and Pacific divisions, but a smaller proportion in the West North Central, East South Central, and Mountain divisions. The slight changes in the small percentages of foreign-born whites in the southern divisions, however, are not especially significant. The increase in the proportion of foreign-born whites was most marked in the Middle Atlantic division (from 21.4 per cent in 1900 to 25 per cent in 1910). The proportion was, however, even somewhat higher in New England, although the change between 1900 and 1910 (from 25.7 to 27.7 per cent) was less. The increase in the proportion of foreign-born whites was greatest in Arizona (from 18.2 per cent in 1900 to 22.9 in 1910), New York (from 26 per cent to 29.9 per cent), Connecticut (from 26.1 to 29.5), Pennsylvania (from 15.6 to 18.8), and New Jersey (from 22.8 to 25.9).

In Table 14 are given also the percentages native and foreign born in the aggregate population. As already stated, practically all negroes and Indians are native, while most of the Chinese and Japanese are foreign born. Except, however, in the South and in some Western states the colored elements in the population are not of sufficient importance to make the percentages for the total native and total foreign-born population differ materially from the percentages for the native white and foreign-born white. These differences are easily interpreted if the geographic distribution of the colored elements is kept in mind.

Broadly speaking, the percentage of foreign born has increased in the East and the far West but declined or remained practically stationary in the central and southern portions of the United States.

White population by nativity and parentage.—Table 16 shows for each division and state in 1910 and 1900 the percentage of the total white population represented by each nativity or parentage group.

Naturally in those sections of the country where the population is almost all white the difference between the percentage which any class of the white population forms of the total population and the percentage which it forms of the white population is inappreciable. In the South, however, the difference is very marked. In the South Atlantic division the native whites of native parentage in 1910 constituted 60.2 per cent of the total population, but 91 per cent of the white population. In the East South Central division the percentages were 64.8 and 94.8, respectively; in the West South Central, 65.7 and 85.8. Of the white population of North Carolina in 1910, 99 per cent were natives of native parentage, the corresponding percentage in

South Carolina being 97.5; in Georgia, 97.2; in Tennessee, 96.7; in Mississippi, 96.3; in Alabama, 95.8; in Virginia, 95.4; and in Arkansas, 95.3.

Table 16 PER CENT OF TOTAL WHITE POPULATION.

DIVISION AND STATE.	Native.								Foreign born.
	Total.		Native parentage.		Foreign or mixed parentage.		Foreign born.		
	1910	1900	1910	1900	1910	1900	1910	1900	
United States.....	83.7	84.7	60.5	61.3	23.1	23.4	16.3	15.3	
GEOGRAPHIC DIVISIONS:									
New England.....	72.0	74.0	40.3	45.4	31.7	28.6	28.0	26.0	
Middle Atlantic.....	74.4	78.1	44.8	49.0	29.6	29.1	25.6	21.9	
East North Central.....	82.9	83.3	54.4	54.0	28.5	29.3	17.1	16.7	
West North Central.....	83.8	84.8	57.5	56.2	28.3	28.6	14.2	15.2	
South Atlantic.....	96.4	96.9	91.0	91.1	5.4	5.8	3.6	3.1	
East South Central.....	98.5	98.2	94.8	93.7	3.7	4.5	1.5	1.8	
West South Central.....	94.8	94.5	85.8	84.4	9.0	10.0	5.2	5.5	
Mountain.....	82.7	81.7	58.2	54.1	24.6	27.6	17.3	18.3	
Pacific.....	78.6	79.4	52.4	50.8	26.2	28.6	21.4	20.6	
NEW ENGLAND:									
Maine.....	83.1	86.6	66.9	71.2	18.2	15.3	14.9	13.4	
New Hampshire.....	77.5	78.6	53.6	59.1	24.0	19.5	22.5	21.4	
Vermont.....	85.9	87.0	64.7	65.8	21.2	21.2	14.1	13.0	
Massachusetts.....	68.4	69.7	33.2	37.3	35.2	32.4	31.6	30.3	
Rhode Island.....	66.6	68.1	36.2	34.4	36.6	34.4	33.4	31.9	
Connecticut.....	70.1	73.4	36.0	41.8	34.1	31.6	29.9	26.6	
MIDDLE ATLANTIC:									
New York.....	69.6	73.6	36.0	39.8	33.5	33.8	30.4	26.4	
New Jersey.....	73.1	76.3	41.3	36.6	33.8	30.7	26.9	23.7	
Pennsylvania.....	80.7	84.0	56.5	60.7	24.2	23.3	19.3	16.0	
EAST NORTH CENTRAL:									
Ohio.....	87.2	88.7	65.2	65.3	22.0	23.4	12.8	11.3	
Indiana.....	94.0	94.2	86.7	79.0	13.3	14.8	6.0	5.8	
Illinois.....	78.2	79.6	47.1	48.0	31.2	31.6	21.8	20.4	
Michigan.....	78.6	77.5	44.0	42.8	34.6	34.7	21.4	22.5	
Wisconsin.....	77.9	74.9	32.9	28.6	45.0	46.5	22.1	25.1	
WEST NORTH CENTRAL:									
Minnesota.....	73.6	70.9	27.9	24.5	45.7	46.4	26.4	29.1	
Iowa.....	87.6	86.2	59.0	56.8	28.6	29.4	12.4	13.8	
Missouri.....	92.7	92.7	76.2	74.9	16.5	17.8	7.3	7.3	
South Dakota.....	72.6	63.9	25.1	41.1	42.7	42.4	36.1	36.1	
North Dakota.....	82.2	76.8	43.6	35.8	38.6	41.0	17.8	23.2	
Nebraska.....	85.1	83.2	54.4	52.4	30.7	30.8	14.9	16.8	
Kansas.....	91.7	91.1	73.9	71.6	17.9	19.5	8.3	8.9	
SOUTH ATLANTIC:									
Delaware.....	88.8	91.1	74.7	76.7	15.1	14.4	10.2	8.9	
Maryland.....	90.2	90.2	72.1	71.4	18.1	18.8	9.8	9.8	
District of Columbia.....	89.7	89.8	70.6	70.0	19.1	19.8	10.3	10.2	
Virginia.....	98.1	98.5	95.4	91.7	2.7	2.7	1.9	1.4	
West Virginia.....	95.1	96.9	90.1	92.2	5.0	5.3	4.9	2.4	
North Carolina.....	99.6	99.7	99.0	99.0	0.6	0.7	0.4	0.3	
South Carolina.....	99.1	99.0	97.5	96.9	1.6	2.1	0.9	1.0	
Florida.....	98.9	99.0	97.2	96.9	1.8	2.1	1.1	1.0	
EAST SOUTH CENTRAL:									
Kentucky.....	98.0	97.3	91.9	89.9	6.1	7.5	2.0	2.7	
Tennessee.....	98.9	98.9	96.7	96.2	2.2	2.7	1.1	1.1	
Alabama.....	98.5	98.6	95.8	95.6	2.6	3.0	1.5	1.4	
Mississippi.....	98.8	98.8	96.3	95.8	2.5	3.0	1.2	1.2	
WEST SOUTH CENTRAL:									
Arkansas.....	98.5	98.5	95.3	95.0	3.2	3.5	1.5	1.5	
Louisiana.....	94.5	92.9	82.5	78.1	12.0	14.8	5.5	7.1	
Oklahoma.....	97.2	97.0	90.7	88.8	6.5	7.2	2.8	3.0	
Texas.....	92.5	92.7	81.2	80.8	11.3	11.9	7.5	7.3	
MOUNTAIN:									
Montana.....	74.6	72.4	45.0	41.1	29.6	31.4	25.4	27.6	
Idaho.....	87.3	85.8	63.8	58.2	23.6	27.7	12.7	14.2	
Wyoming.....	80.7	81.4	57.5	53.9	23.2	27.5	19.3	18.6	
Colorado.....	82.3	82.9	60.6	58.8	23.2	24.1	16.2	17.1	
New Mexico.....	92.6	92.6	83.9	82.7	8.6	9.9	7.4	7.4	
Arizona.....	72.7	75.9	48.1	48.3	24.6	27.6	27.3	24.1	
Utah.....	82.7	80.6	46.8	38.2	35.9	42.4	17.3	19.4	
Nevada.....	87.8	75.8	47.6	42.7	28.2	33.1	24.2	24.2	
PACIFIC:									
Washington.....	78.3	79.4	52.8	53.4	25.5	26.0	21.7	20.6	
Oregon.....	84.3	86.3	63.6	64.9	20.6	21.1	15.7	13.7	
California.....	77.1	77.4	49.0	45.9	28.1	31.5	22.9	22.6	

¹ Includes Indian Territory for 1900.

In both the New England and the Middle Atlantic divisions the native whites of native parentage constituted less than half the whole number of white persons in 1910. In Minnesota only 27.9 per cent, or hardly more than one-fourth, of the total white population were natives of native parentage. The percent-

age was almost as low in North Dakota, where it was 28.5; in Wisconsin it was 32.9. Other low percentages were found in the East. In Rhode Island 30 per cent of the white population were natives of native parentage; in Massachusetts, 33.2 per cent; in Connecticut, and also in New York, 36 per cent. These are all the states in which less than two-fifths of the white population were natives of native parentage. There are also nine other states where the native whites of native parentage formed less than half the white population. In several states the native whites of native parentage were exceeded in number by those of foreign or mixed parentage. This was the case in Massachusetts, Rhode Island, Wisconsin, Minnesota, and North Dakota.

Increase by color or race, nativity, and parentage.—The absolute and relative increase during the decade 1900-1910 is shown by divisions and states for the principal color or race, nativity, and parentage elements in Table 17.

The statistics in this table are particularly useful in that they show the relative increase of the several elements within a single division or state. Differences among divisions or states with reference to the rate of increase for any given class may result merely from the general differences in the rate at which the population as a whole is increasing. In considering these statistics it should be borne in mind that the increase in any given class by no means represents exactly the natural growth by excess of births over deaths. Aside from the factors which have already been mentioned as contributing to the growth of the several elements, particularly the white elements, in the country as a whole (see page 78), the growth in individual states and divisions is largely affected by interstate and inter-divisional migration.

Between 1900 and 1910 the white population increased more rapidly than the negro in each of the three southern divisions, where negroes are most numerous, and also in the New England, West North Central, and Mountain divisions. In the Middle Atlantic, East North Central, and Pacific divisions, however, the negroes increased the more rapidly, but in the Pacific division there are still very few negroes. In the South as a whole the white population increased from 16,521,970 to 20,547,420, or 24.4 per cent, while the negroes increased from 7,922,969 to 8,749,427, or 10.4 per cent. Migration of whites to the South and of negroes to the North accounts in part for this difference. Many of the individual states in the northern and western divisions present conditions as to the relative growth of the white and negro population differing from those shown by the divisions in which the states are located. In the South, however, the only states where the negroes increased faster than the whites were Arkansas, Oklahoma, and West Virginia.

INCREASE BY COLOR OR RACE, NATIVITY, AND PARENTAGE, BY DIVISIONS AND STATES: 1900-1910.

[Per cent not shown where base is less than 100. A minus sign (-) denotes decrease.]

Table 17 DIVISION AND STATE.	TOTAL.		WHITE.		NEGRO.		INDIAN, CHINESE, JAPANESE, AND ALL OTHER.		NATIVE WHITE.						FOREIGN-BORN WHITE.	
	Total.		Native parentage.		Foreign or mixed par.		Total.		Native parentage.		Foreign or mixed par.		Total.		Foreign or mixed par.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
United States	15,977,691	21.0	14,922,761	22.3	993,769	11.2	61,161	17.4	11,791,033	20.8	8,539,213	20.9	3,251,820	20.8	3,131,728	30.7
GEOGRAPHIC DIVISIONS:																
New England	960,664	17.2	953,488	17.3	7,207	12.2	-31	-0.5	575,974	14.1	102,309	4.1	473,665	30.0	377,514	26.3
Middle Atlantic	3,861,214	25.0	3,769,590	24.9	91,949	28.2	-325	-1.8	2,245,327	19.0	1,056,382	14.3	1,189,145	27.0	1,524,003	46.2
East North Central	2,265,460	14.2	2,217,569	14.1	43,994	16.7	4,477	25.3	1,770,646	13.5	1,263,952	14.9	506,694	11.0	446,923	17.1
West North Central	1,290,498	12.5	1,285,804	12.8	4,733	2.0	-59	-0.1	1,203,678	14.1	862,784	15.2	340,894	11.9	82,126	5.4
South Atlantic	1,751,415	16.8	1,365,545	20.4	383,471	10.3	2,399	28.5	1,283,873	19.8	1,233,891	20.2	49,482	12.8	81,672	39.1
East South Central	862,144	11.4	709,479	14.1	152,627	6.1	35	1.3	712,304	14.4	726,718	15.4	-4,414	-6.3	-2,825	-3.2
West South Central	2,252,244	34.5	1,950,426	40.9	290,360	17.1	11,458	17.1	1,865,677	41.4	1,738,505	43.2	127,172	26.6	84,749	32.1
Mountain	958,860	9.5	940,600	50.5	5,877	37.7	12,383	15.6	792,651	61.3	611,523	71.5	180,528	41.4	148,549	51.5
Pacific	1,775,612	73.8	1,730,260	75.4	14,531	99.1	30,821	28.4	1,341,303	73.7	943,149	80.9	398,154	60.7	388,957	82.3
NEW ENGLAND:																
Maine	47,908	6.9	47,769	6.9	44	3.3	92	10.0	30,571	5.1	1,825	0.4	28,746	27.1	17,198	18.5
New Hampshire	18,984	4.6	19,115	4.7	-98	-14.8	-33	-24.4	10,518	3.3	-12,383	-5.1	22,901	28.5	8,597	9.8
Vermont	12,315	3.6	11,527	3.4	795	96.2	-7	-0.1	6,360	2.1	4,001	1.8	2,359	3.2	5,167	11.6
Massachusetts	561,070	20.0	555,102	20.0	6,068	19.0	-173	-4.8	344,226	27.8	71,165	6.9	273,061	30.4	210,936	25.1
Rhode Island	114,054	26.6	113,442	27.1	437	4.8	17,832	42.3	69,189	24.3	14,835	10.2	54,354	38.7	44,233	33.1
Connecticut	206,336	22.7	206,473	23.1	-62	-0.3	-85	-11.0	115,110	17.6	22,866	6.1	92,244	32.7	91,363	38.5
MIDDLE ATLANTIC:																
New York	1,844,720	25.4	1,809,964	25.3	34,959	35.2	-203	-1.6	970,215	18.4	378,812	13.3	591,403	24.5	539,749	44.0
New Jersey	653,498	34.7	633,577	35.0	19,916	28.8	5	0.3	405,439	29.3	183,936	22.2	221,503	39.8	228,138	53.5
Pennsylvania	1,362,996	21.6	1,326,049	21.6	37,074	23.6	-127	-3.5	869,873	19.9	493,634	13.2	376,239	26.3	456,176	46.4
EAST NORTH CENTRAL:																
Ohio	609,576	14.7	594,693	14.6	14,551	15.0	332	75.5	455,348	12.6	381,819	14.4	73,529	7.7	139,345	30.4
Indiana	184,414	7.3	181,459	7.4	2,815	4.9	140	30.8	163,998	7.1	177,834	9.1	-13,896	-3.8	17,461	12.3
Illinois	817,041	16.9	792,059	16.7	23,971	28.2	981	61.4	554,164	14.7	328,790	14.5	225,374	15.0	237,925	27.4
Michigan	389,191	16.1	386,684	16.1	1,299	8.2	1,208	18.3	331,356	17.8	198,127	19.2	133,229	16.0	55,328	10.2
Wisconsin	264,818	12.8	262,644	12.8	358	14.1	1,816	21.1	265,780	17.2	177,322	30.3	88,458	9.2	-3,136	-0.6
WEST NORTH CENTRAL:																
Minnesota	324,314	18.5	322,191	18.5	2,125	42.9	-2	(2)	284,116	23.1	149,301	35.1	134,815	16.7	38,075	7.5
Iowa	-7,082	-0.3	-9,476	-0.4	2,280	18.0	114	23.1	22,822	1.2	42,458	3.4	-19,636	-3.0	-32,298	-10.6
Missouri	186,670	6.0	190,089	6.5	-3,782	-2.3	363	61.7	176,968	6.5	182,961	8.3	-5,993	-1.1	13,121	6.1
North Dakota	257,910	80.8	258,143	82.8	331	115.7	-564	-7.9	214,576	107.8	96,650	146.9	117,923	88.5	43,568	33.7
South Dakota	182,518	45.4	183,057	48.1	352	75.7	-1,091	-5.4	170,758	58.4	109,401	80.4	61,297	39.2	12,299	13.9
Nebraska	125,914	11.8	123,767	11.7	1,420	22.7	727	20.7	125,019	14.2	88,551	16.0	36,468	11.2	-1,252	-0.7
Kansas	230,454	15.0	218,033	15.4	2,027	3.9	394	18.1	209,420	16.2	193,402	19.1	16,018	5.8	8,613	6.8
SOUTH ATLANTIC:																
Delaware	17,587	9.5	17,123	11.1	484	1.6	-22	-0.1	13,434	9.6	9,780	8.3	3,654	16.4	3,691	26.9
Maryland	807,302	9.0	810,215	11.6	-2,814	-1.2	-99	-17.8	59,185	11.5	86,578	12.7	12,607	7.0	11,030	11.8
District of Columbia	52,351	18.8	44,596	23.3	7,744	8.9	11	2.3	39,765	23.1	32,638	24.3	7,127	18.8	4,831	24.7
Virginia	207,428	11.2	196,954	16.5	10,374	1.6	100	16.5	189,394	16.1	184,025	16.1	5,369	16.5	7,560	39.6
West Virginia	262,319	27.4	241,584	26.4	20,674	47.5	61	-0.1	206,891	23.2	198,126	23.5	8,765	17.9	64,163	155.0
North Carolina	312,477	16.5	226,908	18.7	73,374	11.7	2,195	38.3	235,560	18.7	234,907	18.8	453	5.4	1,548	35.2
South Carolina	175,084	13.1	131,354	21.8	53,522	6.8	208	110.6	120,671	21.5	121,204	22.4	-533	-4.6	683	12.7
Georgia	392,790	17.7	250,508	21.2	142,174	13.7	108	48.2	247,457	21.2	246,698	21.6	759	3.0	3,051	25.4
Florida	224,677	42.4	146,301	49.2	77,939	33.8	-163	-34.0	131,716	47.4	119,935	47.2	11,781	49.0	14,585	75.7
EAST SOUTH CENTRAL:																
Kentucky	142,731	6.6	165,642	8.9	-23,050	-8.1	139	87.4	175,722	9.7	189,781	11.3	-14,059	-10.1	-10,080	-20.1
Tennessee	164,173	8.1	171,246	11.1	-7,155	-1.1	82	43.9	170,373	11.2	172,970	11.7	-2,597	-6.3	873	5.0
Alabama	309,396	16.9	227,680	22.7	80,975	9.8	741	311.3	223,062	22.6	220,801	23.1	2,261	7.5	4,618	32.2
Mississippi	245,844	15.8	143,911	22.6	101,857	11.2	-924	-37.9	143,147	22.6	143,166	23.3	-19	-0.1	1,764	23.1
WEST SOUTH CENTRAL:																
Arkansas	262,885	20.0	186,446	19.7	76,035	20.7	404	315.6	183,723	19.7	179,841	20.0	3,882	11.9	2,723	19.2
Louisiana	274,763	19.9	211,474	29.0	63,070	9.7	219	18.1	211,545	31.2	206,625	36.3	4,920	4.6	-71	-0.1
Oklahoma*	866,764	109.7	774,327	115.5	81,928	147.1	10,509	16.3	754,633	116.1	708,851	117.8	45,782	94.9	19,694	96.6
Texas	847,892	22.8	778,179	22.1	69,327	11.2	326	24.7	715,776	31.8	643,188	32.8	72,588	25.1	62,403	35.1
MOUNTAIN:																
Montana	132,724	54.5	134,297	59.3	311	20.4	-1,884	-12.1	105,026	64.1	69,190	74.4	35,836	50.5	29,271	46.9
Idaho	163,822	101.3	162,736	106.6	358	122.2	-1,262	-18.1	146,189	100.2	113,748	126.6	32,441	75.9	18,537	84.7
Wyoming	53,434	57.7	51,267	57.6	1,295	137.8	872	34.3	40,731	56.2	32,714	68.2	8,017	52.0	10,536	63.5
Colorado	259,324	43.0	254,369	48.1	2,883	33.6	2,672	99.4	217,993	49.7	163,801	52.6	54,192	42.6	36,376	40.2
New Mexico	131,991	68.6	124,387	69.0	18	1.1	7,586	56.2	114,994	68.9	106,580	71.5	8,414	47.0	9,393	70.8
Arizona	81,423	66.2	78,563	84.6	161	8.7	2,697	9.6	54,136	76.8	57,638	84.0	16,498	64.2	24,429	109.1
Utah	96,660	34.9	94,118	34.5	472	70.2	2,012	55.7	83,529	38.0	67,637	65.0	15,892	13.7	10,589	20.1
Nevada	39,540	93.4	38,871	109.8	379	282.8	290	4.3	29,453	109.8	20,215	133.8	9,238	79.9	9,418	109.8
PACIFIC:																
Washington	623,887	120.4	612,807	123.5	3,544	141.0	7,536	39.1	473,735	120.2	320,318	120.8	153,417	118.8	139,072	136.2
Oregon	259,229	62.7	260,508	66.0	387	35.0	-1,668	-9.3	211,368	62.0	160,726	62.8	50,642	59.9	49,140	91.2
California	892,496	60.1	856,915	61.1	10,600	96.0	24,951	35.0	656,200	60.4	462,105	71.7	194,095	43.9	200,745	63.4

* Decrease of less than one-tenth of 1 per cent.

* Includes population of Indian Territory for 1900.

The white population increased during the decade 1900-1910 in every state except Iowa, and there were only six states—Kentucky, Indiana, Maine, Missouri, New Hampshire, and Vermont—in which the increase was less than 10 per cent. The negro population decreased in Maryland, Kentucky, Tennessee, and Missouri, as well as in two New England states. Among the Southern states with a considerable negro population the highest relative increase was in Oklahoma, 147.1 per cent, as compared with 115.5 per cent for the whites. West Virginia, Florida, and Arkansas showed high percentages of increase for the negroes, while Louisiana, Alabama, Mississippi, Texas, North Carolina, and Georgia, all with a large negro population, showed percentages of increase ranging from 9.7 to 13.7, or about the same as that for the country as a whole.

During the decade 1900-1910 the foreign-born white population increased by a greater percentage than the native white in the New England, Middle Atlantic, East North Central, South Atlantic, and Pacific divisions. The opposite was the case in the four other divisions; an actual decrease of foreign-born whites occurred in the East South Central division. In the Middle Atlantic division the foreign-born whites increased 46.2 per cent, as compared with 19 per cent for the native whites. Of the total increase in the foreign-born whites in the country as a whole (3,131,728), nearly one-half (1,524,063) was in the Middle Atlantic division and most of the remainder in the East North Central, Pacific, and New England divisions. The recent immigration has been very unequally distributed over the country.

In all but two of the divisions the percentage of increase in the native whites of native parentage was materially higher than that in the native whites of foreign or mixed parentage; in the East South Central division, in fact, the latter decreased. In New England, however, the native whites of native parentage increased only 4.1 per cent, while those of foreign or mixed parentage increased 30 per cent, and in the Middle Atlantic division the corresponding percentages of increase were 14.3 and 27, respectively. In New Hampshire there was an actual decrease in the native whites of native parentage, and in Vermont and Maine the increase was very slight.

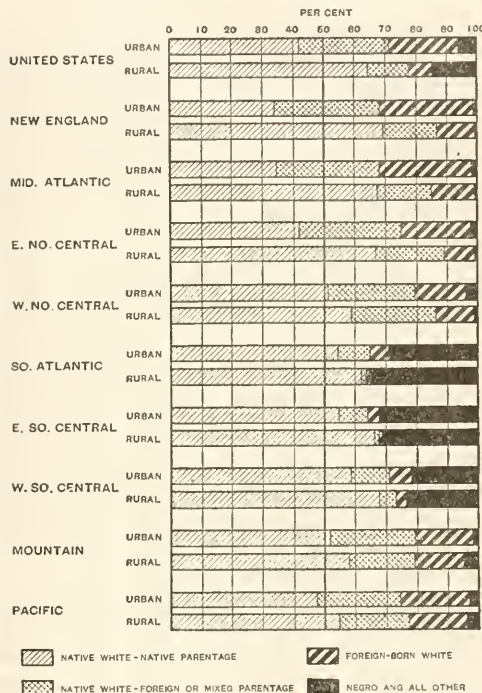
Very few individual states present exceptions to the conditions in the geographic divisions in which they are located with respect to the relative rates of increase of native and foreign-born whites, or the relative rates of increase of native whites of native parentage and native whites of foreign or mixed parentage.

New Hampshire is the only state which contained fewer native whites of native parentage in 1910 than in 1900, but in Indiana, Iowa, Missouri, South Carolina, Kentucky, Tennessee, and Mississippi a decrease occurred in the native whites of foreign or mixed parentage, and in Wisconsin, Iowa, Nebraska, Kentucky, and Louisiana the foreign-born whites decreased.

URBAN AND RURAL POPULATION.

Table 18 classifies the principal color or race, nativity, and parentage classes in 1910 as urban or rural for each geographic division, and further distributes the urban population by classes of cities. The accompanying diagram shows, by geographic divisions, the relative importance of the several classes of population in urban and rural communities, respectively.

COLOR OR RACE, NATIVITY, AND PARENTAGE IN URBAN AND RURAL COMMUNITIES: 1910.



There is in the country as a whole and in most individual states a marked difference between the composition of the urban population and that of the rural. Of the aggregate urban population—that is, the population of incorporated places of 2,500 inhabitants or more, including New England towns of that size—of the United States in 1910, 41.9 per cent were native whites of native parentage, 29 per cent native whites of foreign or mixed parentage, 22.6 per cent foreign-born whites, and 6.3 per cent negroes. In the rural population, on the other hand, 64.1 per cent were native whites of native parentage, only 13.3 per cent were native whites of foreign or mixed parentage, and 7.5 per cent were foreign-born whites, while negroes constituted 14.5 per cent. Thus the foreign-born whites and their children constituted fully one-half (51.6 per cent) of the urban population and only about one-fifth of the rural

COLOR OR RACE, NATIVITY, AND PARENTAGE IN URBAN AND RURAL COMMUNITIES, BY DIVISIONS: 1910.

[The term cities as here used includes incorporated towns, villages, and boroughs and also New England towns.]

Table 18 DIVISION AND CLASS OF COMMUNITY.	Total population.	WHITE.					PER CENT OF TOTAL POPULATION.					PER CENT DISTRIBUTION BY CLASS OF COMMUNITY.					
		Native.			Foreign born.	Negro.	White.			Negro.	Total population.	White.					
		Total.	Native percentage.	Foreign or mixed parentage.			Native.	Foreign or mixed parentage.	Negro.			Total.	Native percentage.	Foreign or mixed parentage.	Foreign-born.		
					Foreign or mixed parentage.	Foreign-born.				Foreign-born.							
UNITED STATES.	91,372,266	68,366,412	49,488,675	18,976,837	13,345,545	9,827,783	412,546	53.8	20.5	14.5	10.7	100.0	100.0	100.0	100.0	100.0	100.0
Rural communities.....	49,348,883	38,189,868	31,639,641	6,550,937	3,710,176	7,138,534	310,305	64.1	13.3	7.5	14.5	53.7	55.8	63.9	34.7	27.2	27.6
Urban communities.....	42,623,383	30,196,544	17,848,642	12,346,900	9,633,369	2,689,229	102,241	71.9	20.9	22.6	6.3	46.3	44.1	63.1	65.3	72.8	72.4
Cities of 2,500 to 10,000.....	8,470,359	6,620,540	4,772,054	1,747,536	1,177,661	655,298	16,892	57.5	26.0	13.9	7.7	9.2	9.7	9.8	9.2	8.8	6.7
Cities of 10,000 to 25,000.....	5,039,208	4,207,860	2,827,915	1,379,945	978,718	408,362	14,293	53.4	24.6	17.4	7.3	6.1	6.2	5.7	7.3	7.3	4.2
Cities of 25,000 to 100,000.....	8,241,675	5,983,109	3,770,557	2,154,052	1,693,814	602,040	12,715	45.9	26.5	20.2	7.3	10.0	8.7	7.6	11.6	12.5	6.1
Cities of 100,000 to 500,000.....	8,790,297	6,173,049	3,422,400	2,751,009	1,944,968	626,946	46,234	38.9	31.2	22.1	7.1	9.6	9.0	6.9	14.6	14.6	6.4
Cities of 500,000 and over.....	11,511,541	7,231,986	2,948,048	2,283,098	3,871,108	396,615	12,132	25.6	37.2	33.6	3.4	12.5	10.6	6.0	22.7	29.0	4.0
New England.....	4,666,128	2,613,419	2,052,790	1,814,386	68,306	5,881	39.8	11.3	27.7	1.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rural communities.....	1,697,836	1,052,751	765,053	1,086,816	137,796	5,428	1,360	69.9	17.0	12.6	0.5	18.7	20.4	29.3	9.1	7.0	8.2
Urban communities.....	2,968,392	3,713,377	1,847,848	1,865,803	1,676,560	60,877	4,501	33.9	34.2	30.7	1.1	83.3	79.6	70.7	90.9	92.4	91.8
Cities of 2,500 to 10,000.....	1,475,321	964,172	601,409	602,764	300,017	8,922	709	47.2	28.5	23.6	0.7	19.4	20.7	23.0	17.7	16.5	13.5
Cities of 10,000 to 25,000.....	339,553	671,760	320,215	311,545	228,382	5,965	442	38.5	33.3	27.6	0.6	14.4	13.8	15.2	14.2	9.9	8.8
Cities of 25,000 to 100,000.....	1,837,897	1,406,713	896,545	576,766	344,771	18,777	1,780	48.3	27.4	35.3	1.0	25.0	24.1	30.0	32.8	32.8	32.8
Cities of 100,000 to 500,000.....	936,399	586,159	226,445	357,714	332,698	16,949	907	24.4	38.2	35.5	1.8	14.3	12.6	8.7	17.4	13.8	25.1
Cities of 500,000 and over.....	670,585	414,974	157,870	257,104	240,722	13,564	1,325	23.5	38.3	35.9	2.0	10.2	8.9	6.0	12.5	13.3	20.5
Middle Atlantic.....	19,315,892	14,054,273	8,462,961	5,951,312	4,826,179	417,870	17,570	43.8	28.9	25.0	2.2	100.0	100.0	100.0	100.0	100.0	100.0
Rural communities.....	5,592,519	4,729,829	3,744,438	985,331	776,702	78,624	7,364	67.0	17.6	13.9	1.4	29.0	33.7	44.2	17.6	16.1	18.8
Urban communities.....	13,723,373	9,324,444	4,718,463	4,605,981	4,049,477	339,246	10,206	34.4	33.6	29.5	2.5	71.0	66.3	55.8	48.2	53.9	61.2
Cities of 2,500 to 10,000.....	1,662,907	1,315,678	880,992	424,686	317,814	28,783	632	53.1	25.5	19.1	1.7	8.6	9.4	10.5	7.6	6.5	6.6
Cities of 10,000 to 25,000.....	1,348,807	1,021,760	649,718	372,042	294,403	37,852	483	48.3	27.4	21.8	2.5	7.0	7.3	7.7	6.1	7.9	
Cities of 25,000 to 100,000.....	2,110,782	1,565,483	962,505	602,978	491,301	53,156	842	45.6	28.6	23.3	2.5	10.9	11.1	11.4	10.8	10.2	12.7
Cities of 100,000 to 500,000.....	1,750,893	1,231,699	533,833	607,866	495,245	22,354	783	30.5	39.9	35.3	1.3	9.1	8.8	6.3	12.5	10.3	5.3
Cities of 500,000 and over.....	6,849,736	4,189,824	1,681,415	2,508,409	2,450,717	201,791	7,464	24.4	36.6	35.8	2.9	35.5	29.8	19.9	44.9	50.8	48.3
East North Central.....	18,250,421	14,860,402	9,751,986	5,108,434	3,067,220	300,836	22,163	53.4	22.8	16.8	1.6	100.0	100.0	100.0	100.0	100.0	100.0
Rural communities.....	6,833,359	7,668,401	5,737,299	1,900,742	877,929	70,294	17,086	66.5	22.4	10.2	0.8	47.3	51.6	58.8	37.8	28.6	23.4
Urban communities.....	9,017,211	7,192,361	4,014,669	3,177,692	2,189,291	230,542	5,077	41.7	33.0	22.8	2.4	57.7	48.4	41.2	62.2	71.4	76.6
Cities of 2,500 to 10,000.....	1,308,380	1,008,792	1,145,783	465,907	257,922	37,852	780	60.0	24.4	15.6	2.0	10.4	10.8	11.7	9.1	8.4	12.6
Cities of 10,000 to 25,000.....	1,961,243	1,120,829	716,479	404,350	244,097	30,471	746	51.3	29.0	17.5	2.2	7.6	7.5	7.3	7.9	8.0	10.1
Cities of 25,000 to 100,000.....	1,553,899	1,236,466	772,422	464,044	275,268	41,362	713	40.7	29.9	17.7	2.7	8.5	8.3	7.9	9.0	13.7	
Cities of 100,000 to 500,000.....	2,106,029	1,512,212	804,530	707,682	435,084	68,299	425	39.9	35.1	21.6	3.4	11.0	10.2	7.9	9.9	14.2	22.1
Cities of 500,000 and over.....	2,745,962	1,714,062	977,453	1,196,609	1,232,621	32,551	2,413	21.0	41.4	35.6	1.6	15.0	11.5	5.9	22.2	34.9	17.5
West North Central.....	17,485,921	9,738,390	6,523,667	3,214,703	1,613,231	242,662	43,838	56.1	27.6	13.9	2.1	100.0	100.0	100.0	100.0	100.0	100.0
Rural communities.....	7,044,276	6,663,994	4,539,360	2,124,634	981,535	78,361	40,315	58.5	27.4	12.6	1.0	66.7	68.4	63.6	66.1	63.8	32.3
Urban communities.....	10,441,645	3,074,396	1,984,327	1,090,669	631,922	164,301	3,323	31.2	28.1	16.3	4.4	33.3	30.4	33.9	39.2	37.7	
Cities of 2,500 to 10,000.....	1,040,688	675,686	642,133	233,553	129,684	34,525	793	61.7	22.4	12.5	3.3	8.9	9.0	9.8	7.3	8.0	14.2
Cities of 10,000 to 25,000.....	453,439	376,426	261,933	114,493	56,046	22,013	954	57.5	25.5	12.3	4.8	3.9	3.9	4.0	3.6	3.5	3.9
Cities of 25,000 to 100,000.....	801,931	645,914	446,011	199,943	125,403	30,075	539	55.6	24.9	15.6	3.8	6.9	6.6	6.8	6.2	7.8	12.4
Cities of 100,000 to 500,000.....	888,629	659,588	364,819	206,164	138,729	38,792	481	41.0	33.2	21.9	6.7	6.8	6.8	6.6	6.2	12.1	11.9
Cities of 500,000 and over.....	687,029	516,782	269,836	246,946	126,706	43,960	584	39.3	35.9	18.3	6.4	5.9	5.3	4.1	7.7	7.8	18.1
South Atlantic.....	12,184,895	7,781,048	7,341,205	4,834,843	290,555	4,112,488	10,804	60.2	3.8	2.4	33.7	100.0	100.0	100.0	100.0	100.0	100.0
Rural communities.....	9,102,742	5,794,814	5,065,386	126,438	98,779	3,202,868	9,160	62.2	1.4	1.1	35.2	74.6	74.4	72.7	28.7	34.0	27.9
Urban communities.....	3,082,153	1,989,234	1,678,819	313,415	191,756	909,520	1,643	54.0	21.1	6.2	29.4	25.4	25.6	22.8	71.3	66.0	22.1
Cities of 2,500 to 10,000.....	763,031	486,473	460,255	26,218	20,765	255,571	222	60.3	3.4	2.7	33.5	6.3	6.3	6.0	7.1	6.2	
Cities of 10,000 to 25,000.....	444,714	284,847	269,952	23,845	14,535	135,266	126	60.0	5.7	3.3	30.4	3.6	3.7	5.8	5.0	3.3	
Cities of 25,000 to 100,000.....	172,387	424,547	336,760	67,788	46,867	240,913	350	50.1	9.5	6.3	33.8	3.8	3.5	4.9	15.0	16.0	
Cities of 100,000 to 500,000.....	613,536	387,022	327,828	59,194	32,846	193,081	587	53.4	9.6	5.4	31.5	5.0	5.0	4.5	13.5	11.3	4.7
Cities of 500,000 and over.....	558,485	396,344	261,474	134,870	77,043	84,749	349	46.8	24.1	13.8	15.2	4.6	5.1	3.6	30.7	26.5	2.1
East South Central.....	8,409,301	5,667,465	5,452,492	214,977	86,857	2,652,513	3,062	64.8	2.6	1.0	31.5	100.0	100.0	100.0	100.0	100.0	100.0
Rural communities.....	6,835,672	4,460,661	4,565,066	64,995	28,925	2,143,416	2,670	67.2	1.0	0.4	31.4	81.3	82.2	84.3	30.2	33.3	80.8
Urban communities.....	1,574,228	1,006,808	856,826	149,982	57,932	509,097	392	54.4	9.5	3.7	32.3	18.7	15.7	69.8	66.7	19.2	
Cities of 2,500 to 10,000.....	1,357,468	1,378,925	1,378,925	275,54	300,766	435,638	7,832	67.8	5.4	1.7	33.9	5.7	5.3	5.8	6.0	39.0	39.2
Cities of 10,000 to 25,000.....	220,664	129,226	119,163	10,068	7,827	18,259	376	68.9	6.7	3.7	20.0	7.1	7.4	7.5	7.0	6.7	6.3
Cities of 25,000 to 100,000.....	289,285	193,778	154,682	39,096	13,301	82,144	62	53.3	13.5	4.6	28.4	3.4	3.4	2.8	15.2	15.3	3.1
Cities of 100,000 to 500,000.....	598,052	383,584	302,527	80,057	32,596	181,791	111	50.8	13.4	5.5	30.4	7.1	6.8	5.6	37.2	37.5	6.9

The native whites of native parentage constituted hardly more than two-fifths of the urban population, but over three-fifths of the rural. It should be noted that the negro population is mainly in the South, where there are comparatively few very large cities.

The conditions in the New England and Middle Atlantic divisions are especially noteworthy. Only about one-third (33.9 and 34.4 per cent, respectively) of the urban population of these divisions in 1910 consisted of native whites of native parentage, while over two-thirds of the rural population (69.8 per cent and 67 per cent, respectively) were of that class. Broadly speaking, of the urban population of these divisions, almost one-third were foreign-born whites, fully one-third (including persons of mixed parentage) were children of foreign-born whites, and one-third were native whites of native parentage.

In the South, where the total number of foreign-born whites and of native whites of foreign or mixed parentage is small, these classes constituted a very much larger proportion of the urban than of the rural population. In the South Atlantic division, for example, native whites of foreign or mixed parentage and foreign-born whites in 1910 constituted 10.1 and 6.2 per cent, respectively, of the urban population but only 1.4 and 1.1 per cent, respectively, of the rural population.

In the South as a whole, the proportion of negroes in urban communities was about the same as the proportion in rural communities, though in the South Atlantic division negroes in 1910 formed 29.4 per cent of the urban and 35.2 per cent of the rural population. On the other hand, in the East South Central division the corresponding proportions were 32.3 and 31.4 per cent, respectively; and in the West South Central division, 22.3 per cent and 22.7 per cent.

Table 18 shows also the race and nativity composition of the population for classes of cities. In general, the relative numerical importance of the native whites of native parentage declines as the size of the cities increases. Of the aggregate population in 1910 of the eight cities of the United States having more than 500,000 inhabitants, only 25.6 per cent were native whites of native parentage, 37.2 per cent being native whites of foreign or mixed parentage and 33.6 per cent foreign-born whites. The percentage of native whites of native parentage, which, as previously noted, was 64.1 in rural communities, falls off to 57.5 in the class of cities having 2,500 to 10,000 inhabitants, then to 50.4 in the cities of 10,000 to 25,000, to 45.9 in the cities of 25,000 to 100,000, to 38.9 in the cities of 100,000 to 500,000, and finally to 25.6 in the cities of over 500,000.

The differences among the several classes of population with respect to their distribution between urban and rural communities are further brought out by the percentages in the last five columns of Table 18. Of the total population of the country in 1910, 46.3 per cent resided in urban communities, but

of the native whites of native parentage only 36.1 per cent lived in such communities, while of the native whites of foreign or mixed parentage 65.3 per cent and of the foreign-born whites no less than 72.2 per cent were in urban communities. The proportions urban and rural in the total population vary greatly from division to division and the percentages for each of the four color or race, nativity, and parentage groups vary accordingly. In 1910, in New England, where the proportion of urban population is higher than in any other division (partly because of the classification as urban of all New England towns of over 2,500 inhabitants), 70.7 per cent of the native whites of native parentage, 90.9 per cent of the native whites of foreign or mixed parentage, 92.4 per cent of the foreign-born whites, and 91.8 per cent of the negroes lived in urban communities. In the Middle Atlantic division 55.8 per cent of the native whites of native parentage, 82.4 per cent of the native whites of foreign or mixed parentage, 83.9 per cent of the foreign-born whites, and 81.2 per cent of the negroes were in urban communities. On the other hand, in the East South Central division, where the proportion of urban population as a whole was lowest, 15.7 per cent of the native whites of native parentage, 69.8 per cent of the native whites of foreign or mixed parentage, 66.7 per cent of the foreign-born whites, and 19.2 per cent of the negroes lived in urban communities. In each of the divisions of the North and West the percentage of negroes who lived in urban communities was materially higher than the percentage of native whites of native parentage who lived in such communities, showing that the negroes who have migrated from the South have, to a large extent, gone to the cities.

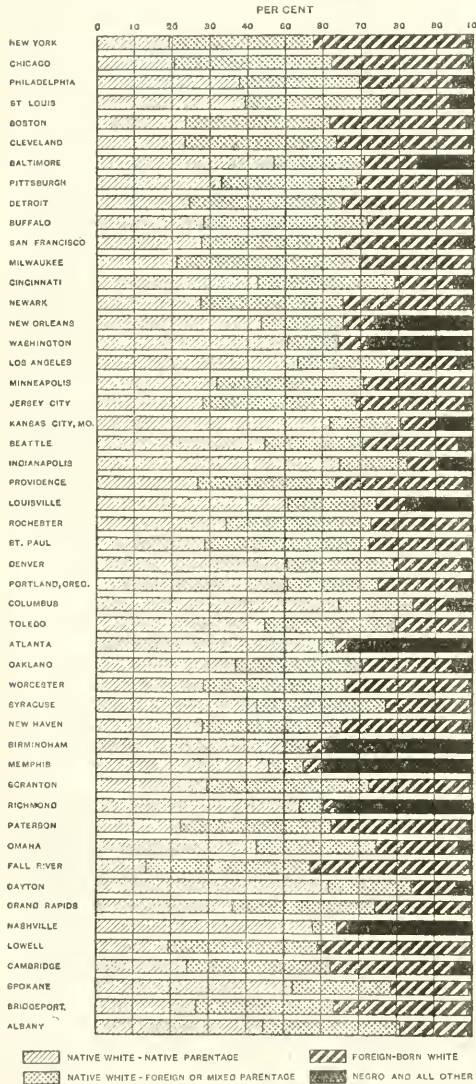
PRINCIPAL CITIES.

Table 19 on a subsequent page classifies by color or race, nativity, and parentage the population in 1910 and 1900 of the 50 cities having more than 100,000 inhabitants, and Table 20 presents similar statistics in 1910 for cities having from 25,000 to 100,000 inhabitants. The distribution for the larger cities is also shown graphically in the diagram on the following page.

In only 14 of the 50 cities having over 100,000 inhabitants in 1910 did native whites of native parentage constitute as much as one-half of the total population. The proportion exceeded three-fifths in only four cities, three of them being in the East North Central division (Indianapolis, 64.5 per cent; Columbus, 64.4 per cent; and Dayton, 62 per cent) and one in the West North Central (Kansas City, Mo., 61.9 per cent). On the other hand, in 22 of the cities of this class, of which 15 are in the New England and Middle Atlantic divisions, less than one-third of the population were native whites of native parentage, over two-thirds in all but one of these cities consisting of foreign-born whites and their children. In Fall River only 13.3 per cent of the

population were native whites of native parentage. In 10 cities of 100,000 inhabitants or over the population was more than one-third foreign-born white, namely, Fall River (42.6 per cent), Lowell (40.9 per cent), New York (40.4 per cent), Paterson (36.1 per cent), Boston (35.9 per cent), Chicago (35.7 per cent), Bridgeport (35.5 per cent), Cleveland (34.9 per cent), Providence (34 per cent), and Detroit (33.6 per cent).

COLOR OR RACE, NATIVITY, AND PARENTAGE IN CITIES HAVING 100,000 INHABITANTS OR MORE: 1910.



The proportion of foreign-born whites was low in all of the southern cities. Among the northern cities it was lowest in Indianapolis (8.5 per cent) and Columbus (9 per cent). In many of the 50 cities the proportion of native whites of foreign or mixed parentage was nearly the same as the proportion of foreign-born whites. The native whites of foreign or mixed parentage were relatively most numerous in Milwaukee (48.8 per cent) and Fall River (43.7 per cent).

During the decade 1900-1910 the foreign-born white population in New York City advanced from 1,260,918 to 1,927,703, an increase of 666,785, while native whites of native parentage increased only 183,841. In 1910 only 19.3 per cent of the city's population consisted of native whites of native parentage. Of the total population of the United States approximately one-twentieth is domiciled in New York City; of the native whites of native parentage, one-fiftieth; of the native whites of foreign or mixed parentage, one-tenth; and of the foreign-born whites, one-seventh.

Among the larger cities the proportion of negroes in 1910 was highest in Memphis (40 per cent), followed by Birmingham (39.4), Richmond (36.6), Atlanta (33.5), Nashville (33.1), Washington (28.5), New Orleans (26.3), Louisville (18.1), and Baltimore (15.2). In no other city of over 100,000 inhabitants did the negro element amount to one-tenth of the population.

Table 20 gives statistics for the 179 cities having from 25,000 to 100,000 inhabitants in 1910. Among them there are only 41 in which the native whites of native parentage exceeded three-fifths of the total population in 1910. None of these are in the New England states, and only one is in New York. Cities in which as many as three-fourths of the total population in 1910 were native whites of native parentage are Huntington, W. Va. (87.6 per cent); Joplin, Mo. (86.6 per cent); York, Pa. (86 per cent); Springfield, Mo. (81.5 per cent); Reading, Pa. (77.8 per cent); Wichita, Kans. (77.7 per cent); Harrisburg, Pa. (77.2 per cent); Lima, Ohio (76.9 per cent); Lancaster, Pa. (75.4 per cent); and Newark, Ohio (75.1 per cent). There are 45 cities of this class where the proportion of native whites of native parentage was less than one-third. The percentage was very low in Lawrence, Mass. (13.6), Passaic, N. J. (13.8), and Woonsocket, R. I. (15).

Among the 179 cities considered there are 27 in which the foreign-born whites exceeded one-third of the total population. A majority of these cities (14) are in the New England states, 9 are in the Middle Atlantic division, and only 4 (Duluth, Minn.; Lorain, Ohio; El Paso, Tex.; and Superior, Wis.) are in other divisions. The maximum percentage of foreign-born whites was found in Passaic, N. J., where they formed more than one-half of the population in 1910 (52 per cent).

COLOR OR RACE, NATIVITY, AND PARENTAGE IN CITIES OF 100,000 INHABITANTS OR MORE: 1910 AND 1900.

Table 19	CITY.	Total population: 1910	NATIVE WHITE.								FOREIGN-BORN WHITE.				NEGRO.				Indian, Chinese, Japanese and all other: 1910	PER CENT OF TOTAL POPULATION: 1910			
			Native parentage.				Foreign or mixed parentage.				1910		1900		1910		1900			Native white.	For. or mixed par.	Foreign-born white.	Negro.
			1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900					
	Albany, N. Y.	100,253	44,473	35,431	36,533	36,842	18,165	17,689	1,037	1,178	45	44.4	36.4	18.1	1.0								
	Atlanta, Ga.	154,839	91,987	47,146	6,404	4,486	7,410	2,498	31,902	35,727	76	59.4	4.2	2.8	33.5								
	Baltimore, Md.	338,485	261,474	236,053	134,870	125,225	77,043	67,840	84,749	79,258	349	46.8	24.1	13.8	15.2								
	Birmingham, Ala.	132,685	66,312	17,186	8,357	5,700	1,761	52,305	16,575	11	50.0	6.3	4.3	39.4									
	Boston, Mass.	670,285	157,870	146,193	257,104	206,937	240,722	194,953	13,564	11,591	1,325	23.5	38.3	35.9	2.0								
	Bridgeport, Conn.	102,054	27,156	21,885	37,314	25,693	36,180	22,197	1,332	1,149	72	26.6	36.6	35.5	1.3								
	Buffalo, N. Y.	423,715	119,692	90,860	183,673	155,716	118,444	104,010	1,773	1,698	133	28.2	43.3	28.0	0.4								
	Cambridge, Mass.	104,839	25,615	25,220	39,794	32,731	34,608	29,924	4,707	3,888	115	24.4	30.0	33.0	0.5								
	Chicago, Ill.	2,182,383	445,139	354,379	912,701	727,341	781,217	585,430	44,103	30,150	2,123	30.4	41.8	35.7	2.0								
	Cincinnati, Ohio.	363,591	154,637	113,770	182,190	139,817	166,792	57,887	19,639	14,482	33	42.6	30.4	15.6	5.4								
	Cleveland, Ohio.	560,663	132,314	87,740	223,906	163,570	195,703	124,354	8,448	5,988	290	23.6	39.9	34.9	1.5								
	Columbus, Ohio.	181,511	116,846	75,036	35,578	30,007	16,285	12,292	12,739	8,301	63	64.4	19.6	9.0	7.0								
	Dayton, Ohio.	116,577	72,301	48,322	25,559	23,507	13,847	10,024	4,842	3,387	28	62.0	21.0	11.9	4.2								
	Denver, Colo.	213,381	106,945	66,810	61,185	37,837	33,941	24,962	5,426	3,923	884	50.1	28.7	18.2	2.5								
	Detroit, Mich.	465,706	115,108	61,309	188,225	124,215	156,565	96,051	5,741	4,111	99	24.7	40.4	33.6	1.2								
	Fall River, Mass.	119,295	15,858	14,300	52,125	40,197	50,874	49,961	355	324	83	13.3	43.7	42.6	0.3								
	Grand Rapids, Mich.	112,571	40,777	29,634	42,767	33,460	28,335	23,858	665	604	27	36.2	38.0	25.2	0.6								
	Indianapolis, Ind.	233,650	150,593	97,772	41,420	38,359	19,767	17,070	21,816	15,391	54	64.5	17.7	8.5	9.3								
	Jersey City, N. J.	267,779	74,861	57,197	109,101	87,152	77,697	58,161	5,960	3,704	160	28.0	40.7	29.0	2.0								
	Kansas City, Mo.	248,381	153,717	94,907	45,633	33,426	25,327	18,287	23,606	17,967	138	61.9	18.4	10.2	9.5								
	Los Angeles, Cal.	319,198	169,967	54,060	74,756	26,105	60,584	17,917	7,599	2,311	632	53.2	23.4	19.0	2.4								
	Louisville, Ky.	228,928	113,543	88,449	52,411	55,744	17,436	21,397	40,522	39,139	16	50.7	23.4	7.8	18.1								
	Lowell, Mass.	106,294	20,703	20,828	41,942	33,031	43,657	40,915	84,133	136	59	19.5	33.5	40.9	0.1								
	Memphis, Tenn.	131,105	59,985	36,556	12,138	10,755	6,467	5,069	52,441	49,710	74	45.8	9.3	4.9	48.0								
	Milwaukee, Wis.	373,857	78,823	48,398	182,530	140,885	111,456	88,948	980	862	68	21.1	48.8	29.8	0.3								
	Minneapolis, Minn.	301,408	96,186	61,269	116,548	78,861	85,938	60,983	2,502	1,548	144	31.9	38.7	28.5	0.9								
	Nashville, Tenn.	110,364	63,687	40,620	7,151	7,174	2,993	3,002	36,623	30,044	10	57.7	6.5	2.7	33.1								
	New Haven, Conn.	133,605	37,726	36,385	49,434	37,999	42,784	30,654	3,561	2,887	100	28.2	37.0	32.0	2.7								
	New Orleans, La.	339,075	147,473	103,186	74,244	76,191	27,686	29,569	89,262	77,714	410	43.5	21.9	8.2	26.3								
	New York, N. Y.	4,766,883	921,318	737,477	1,820,141	1,371,503	1,927,703	1,260,918	91,709	60,666	6,012	19.3	32.2	40.4	1.0								
	Manhattan Borough.	2,351,614	344,551	312,307	818,208	715,947	1,104,019	782,714	60,654	56,246	4,490	14.8	35.1	47.4	2.6								
	Bronx Borough.	490,589	82,869	60,233	165,146	86,422	148,555	61,868	4,117	2,370	213	21.6	49.0	37.6	1.0								
	Brooklyn Borough.	1,631,681	373,548	310,501	693,683	438,638	671,856	353,740	29,708	18,367	1,168	23.0	40.6	35.0	1.4								
	Queens Borough.	264,071	60,607	41,658	180,969	65,962	79,115	44,615	3,198	2,611	162	28.4	42.6	27.9	1.7								
	Richmond Borough.	85,969	28,245	22,778	32,235	24,504	24,278	18,681	1,163	1,075	61	32.9	37.5	28.2	1.3								
	Newark, N. J.	347,469	94,737	71,522	132,350	96,506	110,655	71,050	9,475	6,694	222	27.3	38.1	31.8	2.7								
	Oakland, Cal.	150,174	55,198	24,790	49,936	23,775	36,322	16,223	3,055	1,026	5	16.3	36.8	33.3	24.5								
	Omaha, Nebr.	124,096	52,917	42,752	39,595	32,828	25,068	23,429	4,426	3,443	90	42.6	31.9	21.8	3.6								
	Paterson, N. J.	125,000	28,392	23,897	50,179	41,296	43,998	38,666	1,539	1,182	92	22.6	40.0	36.1	1.2								
	Philadelphia, Pa.	1,549,098	584,098	521,911	496,783	414,093	382,578	293,669	84,459	62,613	1,178	37.7	32.1	24.7	5.5								
	Pittsburgh, Pa.	533,905	176,089	147,296	191,483	168,832	140,436	114,845	20,355	27,374	374	33.0	35.9	26.3	4.8								
	Portland, Ore.	207,214	104,163	38,170	51,099	24,710	43,780	17,734	1,045	775	7,217	50.3	24.6	21.1	0.5								
	Providence, R. I.	224,226	53,966	54,423	82,354	60,775	76,303	55,310	5,316	4,817	387	26.7	34.0	21.4	2.4								
	Richmond, Va.	127,628	69,130	48,860	2,664	6,104	4,885	2,834	46,738	32,230	16	54.2	6.0	3.2	36.6								
	Rochester, N. Y.	218,149	74,525	52,478	83,687	68,798	58,993	40,718	879	601	65	34.2	38.4	27.0	0.4								
	St. Louis, Mo.	687,029	269,836	189,249	246,946	239,170	125,706	110,966	43,960	35,516	581	39.3	35.9	18.3	6.4								
	St. Paul, Minn.	214,744	61,594	42,454	39,398	71,562	56,224	46,748	3,144	2,263	84	27.7	43.3	26.3	1.5								
	San Francisco, Cal.	416,512	115,359	83,558	153,781	137,556	130,874	104,264	1,642	1,654	15,256	27.7	36.9	31.4	0.4								
	Sarantop, Pa.	129,867	38,745	27,299	55,431	45,229	35,112	28,959	567	521	12	29.8	42.7	27.0	0.4								
	Seattle, Wash.	327,194	105,784	38,510	61,134	19,349	60,835	18,656	2,296	406	7,145	44.6	25.8	25.6	1.0								
	Spokane, Wash.	104,402	54,574	18,756	27,277	9,883	21,220	7,462	723	376	608	52.3	26.1	20.3	0.7								
	Syracuse, N. Y.	137,249	58,408	43,817	46,912	39,787	30,781	23,705	1,124	1,034	24	42.6	34.2	22.4	0.8								
	Toledo, Ohio.	168,497	75,147	52,222	63,383	50,128	32,057	27,729	9,477	1,710	53	44.6	35.2	19.0	1.1								
	Washington, D. C.	331,669	166,711	134,073	64,566	37,393	24,431	19,320	94,446	86,702	405	50.4	13.6	6.7	28.5								
	Worcester, Mass.	145,986	41,421	37,261	44,761	42,417	48,492	1,241	1,241	1,141	81	28.4	37.5	33.2	0.9								

1 Includes population of Albany for 1900.

COLOR OR RACE, NATIVITY, AND PARENTAGE IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910.

Table 20	CITY.	Total population.	NATIVE WHITE.								FOREIGN-BORN WHITE.				NEGRO.				Ind., Chi., Jap., and all other.
			Native parentage.				Foreign or mixed par.				1910		1900		1910		1900		
			Num. ber.	Per cent.	Num. ber.	Per cent.	Num. ber.	Per cent.	Num. ber.	Per cent.	1910	1900	1910	1900	1910	1900	1910	1900	
	Alabama																		
	Mobile.	51,521	20,944	40.7	5,588	10.8	2,208	4.3	22,763	44.2	21								
	Montgomery.	38,136	16,705	43.8	1,930	3.6	7,064	1.8	19,322	50.7	12								
	Arkansas																		
	Little Rock.	45,941	24,810	54.0	4,602	10.0	1,973	4.3	14,539	31.6	17								
	California																		
	Berkeley.	40,434	19,479	48.2	11,862	29.3	7,653	18.9	247	0.6	102								
	Pasadena.	30,291	10,028	62.8	5,867	19.4	4,297	14.2	734	2.5	357								
	Sacramento.	44,696	19,821	44.3	12,999	29.1	8,383	19.9	496	1.1	2,505								
	San Diego.	39,578																	

COLOR OR RACE, NATIVITY, AND PARENTAGE IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Con.

CITY.	Total population.	NATIVE WHITE.						FOREIGN-BORN WHITE.		NEGRO.		Ind., Chi., Jap., and all other.
		Native percentage.		Foreign or mixed par.		Number.		Number.		Number.		
		Num-ber.	Per- cent.	Num-ber.	Per- cent.	Num-ber.	Per- cent.	Num-ber.	Per- cent.	Num-ber.	Per- cent.	
Georgia												
Augusta.....	41,400	19,581	43.4	1,899	4.6	888	2.1	13,344	47.7	48	5	
Macon.....	40,045	20,723	51.0	1,099	2.7	688	1.7	18,150	44.6	5	3	
Savannah.....	65,064	22,433	34.8	5,818	8.9	3,342	5.1	33,246	51.1	34	4	
Illinois												
Aurora.....	29,807	12,232	41.0	10,577	35.8	6,702	22.5	293	1.0	5	7	
Bloomington.....	25,768	14,642	56.8	6,904	26.8	4,407	13.2	809	3.1	6	13	
Danville.....	27,871	19,321	70.9	4,474	17.5	1,988	7.2	1,465	5.3	13	13	
Decatur.....	31,140	22,564	72.5	5,596	17.7	2,422	7.8	776	2.5	10	11	
East St. Louis.....	58,547	47,447	81.0	12,799	21.9	9,400	16.1	5,882	10.0	19	19	
Elgin.....	25,976	10,346	39.8	9,787	37.7	5,611	21.8	171	0.7	11	11	
Joliet.....	54,270	31,733	58.5	13,967	25.7	10,441	19.1	407	1.4	12	12	
Peoria.....	66,950	36,915	54.7	19,846	29.8	8,810	13.2	1,569	2.3	20	27	
Rockyford.....	36,587	19,103	52.2	12,234	33.4	3,641	10.0	1,596	4.4	13	13	
Quincy.....	45,403	15,393	33.9	15,973	35.2	13,288	30.5	197	0.4	8	8	
Springfield.....	51,678	27,944	54.1	13,855	26.8	6,900	13.4	2,964	5.7	18	18	
Indiana												
Evansville.....	69,647	41,945	60.2	16,970	24.4	4,462	6.4	6,266	9.0	4	4	
Fort Wayne.....	63,933	36,722	57.4	19,414	30.4	7,204	11.3	572	0.9	21	21	
South Bend.....	53,684	22,880	42.6	16,725	31.2	13,429	25.0	604	1.1	55	55	
Terre Haute.....	58,157	42,486	73.2	9,164	15.8	5,796	9.5	2,933	4.5	18	18	
Iowa												
Cedar Rapids.....	32,811	17,434	53.1	9,841	30.0	5,231	16.2	213	0.6	2	2	
Council Bluffs.....	25,577	11,361	44.4	8,903	34.8	4,280	16.7	432	1.7	1	1	
Clinton.....	29,292	16,909	57.7	7,677	26.2	4,808	19.1	320	1.1	118	118	
Davenport.....	43,628	17,702	40.3	16,649	37.9	8,101	18.5	558	1.3	7	7	
Des Moines.....	57,488	31,763	55.1	19,534	34.0	12,540	21.8	2,949	5.1	24	24	
Duquoin.....	38,494	22,405	42.0	16,840	43.7	6,089	15.8	96	0.2	4	4	
Sioux City.....	47,828	22,405	46.8	14,659	30.6	10,432	21.9	305	0.6	1	1	
Waterloo.....	26,639	17,594	65.9	6,568	23.9	2,706	10.1	24	0.1	1	1	
Kansas												
Kansas City.....	82,331	48,021	58.3	14,631	17.8	10,444	12.6	9,286	11.3	49	49	
Topeka.....	43,684	27,800	63.6	7,183	16.4	4,153	9.5	4,538	10.4	10	10	
Wichita.....	52,450	40,738	77.7	6,383	12.2	2,855	5.4	2,457	4.7	17	17	
Kentucky												
Covington.....	53,270	31,079	58.5	15,346	28.8	9,933	17.4	2,899	5.4	13	13	
Lexington.....	55,099	31,521	57.2	12,650	22.9	9,956	17.1	10,011	31.4	12	12	
Newport.....	30,598	15,562	50.7	10,803	35.6	3,405	11.2	566	1.9	—	—	
Louisiana												
Shreveport.....	28,015	11,564	41.3	1,533	5.5	1,004	3.6	13,986	49.6	18	18	
Maine												
Lewiston.....	26,247	8,180	31.2	8,892	33.7	9,418	35.9	47	0.2	10	10	
Portland.....	58,571	31,121	53.1	15,054	25.7	12,078	20.6	273	0.5	45	45	
Massachusetts												
Brockton.....	56,878	23,008	40.4	17,882	31.4	15,425	27.1	531	0.9	32	32	
Brookline town.....	24,792	19,615	79.1	8,272	33.3	4,300	17.3	20	0.1	24	24	
Chelsea.....	32,452	6,969	21.5	11,460	35.3	13,748	42.4	242	0.7	33	33	
Chicopee.....	25,401	4,626	18.2	10,726	42.2	9,036	35.5	7	0.0	6	6	
Everett.....	33,484	11,948	35.7	12,017	35.9	10,607	31.7	793	2.4	17	17	
Fitchburg.....	36,528	17,745	48.3	14,243	39.0	13,631	37.3	220	0.6	4	4	
Haverhill.....	44,115	19,472	44.1	13,061	29.6	11,153	25.3	397	0.9	31	31	
Holyoke.....	57,730	9,141	15.8	28,296	49.0	23,238	40.3	45	0.1	29	29	
Lawrence.....	85,892	11,689	13.6	32,553	37.9	41,319	48.1	265	0.3	56	56	
Lynn.....	89,596	18,180	20.3	27,934	31.3	24,434	27.3	740	0.8	118	118	
Malden.....	44,404	14,618	32.9	15,849	35.7	13,430	30.2	486	1.1	21	21	
New Bedford.....	96,652	18,738	19.4	32,336	33.5	42,625	44.1	2,885	3.0	68	68	
Newton.....	39,596	16,282	41.1	11,830	29.9	17,191	43.1	467	1.2	36	36	
Pittsfield.....	32,121	13,778	42.9	14,243	44.3	6,744	21.0	820	2.6	1	1	
Quincy.....	32,642	9,289	28.5	12,404	38.0	10,579	33.3	45	0.1	29	29	
Salem.....	43,697	13,504	30.9	16,453	37.7	13,139	30.1	163	0.4	38	38	
Somerville.....	77,236	29,573	38.3	26,632	34.5	20,575	26.5	217	0.3	63	63	
Springfield.....	58,936	35,492	60.2	28,566	32.2	22,969	25.9	1,473	1.7	64	64	
Taunton.....	34,259	11,930	34.8	12,642	35.7	9,779	28.5	297	0.9	7	7	
Waltham.....	27,834	10,313	37.1	9,747	35.0	7,683	27.6	62	0.2	29	29	
Michigan												
Battle Creek.....	25,267	17,594	69.3	4,564	18.1	2,616	10.4	575	2.3	8	8	
Bay City.....	45,121	28,281	62.7	11,417	25.3	4,102	24.4	140	0.3	6	6	
Flint.....	38,550	21,269	55.2	10,213	26.5	6,662	17.3	397	1.0	19	19	
Jackson.....	31,433	18,474	58.8	8,286	26.4	4,307	13.7	354	1.1	13	13	
Kalamazoo.....	39,437	21,534	54.1	10,528	26.7	6,377	17.4	685	1.7	13	13	
Lansing.....	63,469	35,187	55.4	15,296	24.1	9,973	15.7	555	1.0	18	18	
Saginaw.....	50,510	17,237	34.2	21,225	42.0	11,701	23.2	313	0.6	14	14	
Minnesota												
Duluth.....	78,466	15,493	19.7	31,856	40.6	30,652	39.1	410	0.5	55	55	
Missouri												
Joplin.....	32,073	27,767	86.6	2,585	8.1	914	2.8	801	2.5	6	6	
St. Joseph.....	77,403	50,516	65.0	14,699	19.0	8,113	10.5	4,249	5.5	26	26	
Springfield.....	35,201	28,704	81.5	3,966	9.6	1,126	3.2	1,968	5.7	1	1	
Montana												
Butte.....	39,165	11,183	28.5	14,006	35.7	12,880	32.9	240	0.6	296	296	
Nebraska												
Lincoln.....	43,973	26,021	59.2	10,001	22.7	7,200	16.4	733	1.7	18	18	
South Omaha.....	26,259	8,499	32.4	9,028	34.4	7,834	29.8	717	2.7	181	181	
New Hampshire												
Manchester.....	70,063	16,019	23.0	24,197	34.5	29,692	42.4	36	0.1	19	19	
Nashua.....	26,165	8,534	32.9	9,474	32.6	6,957	24.4	16	0.1	5	5	
New Jersey												
Atlantic City.....	46,150	22,410	48.6	7,421	16.1	6,400	13.9	9,834	21.3	85	85	
Bayonne.....	55,545	11,301	20.3	23,123	41.6	20,522	36.9	561	1.0	38	38	
Camden.....	43,538	40,581	92.4	24,128	54.4	15,682	36.6	6,076	6.4	7	7	
East Orange.....	34,371	15,253	44.4	8,596	24.7	5,677	16.5	1,907	5.5	28	28	
Elizabeth.....	20,409	20,288	97.7	27,808	37.9	23,934	32.5	1,381	1.9	28	28	
Hoboken.....	20,123	13,463	66.9	11,203	55.8	31,276	63.3	120	0.2	43	43	
Orange.....	29,630	8,341	28.2	10,719	36.2	8,069	27.2	479	8.4	22	22	
Pasaic.....	54,773	17,357	31.5	18,266	33.2	28,467	52.0	335	1.0	46	46	
Perth Amboy.....	32,121	5,995	18.7	12,562	39.1	14,288	44.5	165	0.5	11	11	
New Jersey—Con.												
Amsterdam.....	31,267	10,537	33.7	9,981	31.9	10,624	34.0	118	0.4	7	7	
Auburn.....	34,668	15,791	45.5	10,357	30.9	9,720	22.0	527	1.5	13	13	
Binghamton.....	48,443	30,400	62.9	9,916	20.5	7,389	15.3	635	1.3	13	13	
Elmira.....	37,176	17,221	46.3	9,672	26.0	5,259	14.1	513	1.4	11	11	
Jameson.....	31,297	10,520	33.6	10,654	32.1	10,612	33.9	108	0.3	3	3	
Kingston.....	25,998	14,778	57.0	7,107	27.4	3,391	13.1	630	2.4	27	27	
Mount Vernon.....	30,919	11,453	37.0	10,539	34.1	8,928	29.0	396	2.4	22	22	
New Rochelle.....	28,867	8,566	29.7	9,843	34.1	8,677	30.1	1,754	6.1	27	27	
Newburgh.....	27,805	14,092	50.7	8,276	29.8	4,283	17.3	604	2.2	10	10	
Niagara Falls.....	30,445	17,721	58.2	10,355	34.1	11,804	39.6	266	0.9	9	9	
Poughkeepsie.....	27,656	15,278	54.7	7,419	26.6	4,534	16.2	699	2.5	6	6	

CLASSIFICATION OF THE POPULATION BY SEX.

UNITED STATES AS A WHOLE.

General summary: 1910 and 1900.—Table 21 gives for the United States the sex distribution of the total population and of each of the principal color or race, nativity, and parentage classes in 1910 and 1900.

CLASS OF POPULATION.	1910			1900		
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.
Total population.....	47,332,277	44,639,989	106.0	38,816,448	37,178,127	104.4
White.....	42,178,245	39,553,712	106.6	34,201,735	32,607,461	104.9
Negro.....	4,885,881	4,941,882	98.9	4,386,547	4,447,447	98.6
Other colored races:						
Indian.....	135,133	130,550	103.5	119,484	117,712	101.5
Chinese.....	66,856	4,675	1,430.1	85,341	4,522	1,887.2
Japanese.....	63,070	9,087	694.1	23,341	985	2,369.6
All other.....	3,092	83	(*)			
Total white.....	42,178,245	39,553,712	106.6	34,201,735	32,607,461	104.9
Native.....	34,654,457	33,731,955	102.7	28,486,450	27,908,929	102.8
Native parentage.....	25,229,218	24,239,337	104.0	20,849,847	20,099,515	103.7
Foreign parentage.....	6,456,793	6,459,518	100.0	5,341,550	5,290,930	101.0
Mixed parentage.....	2,968,446	3,013,080	98.5	2,495,253	2,518,484	99.1
Foreign born.....	7,523,788	5,821,757	129.2	5,515,283	4,698,532	117.4

* Ratio not shown, the number of females being less than 100.

There were in the United States in 1910, 47,332,277 males and 44,639,989 females, or 106 males to each 100 females. In most European countries females outnumber males, the number of males to 100 females, according to recent censuses, being 93.7 in England and Wales, 96.7 in France, 97.4 in the German Empire, 97 in Switzerland, 99 in Italy, 96.5 in Austria, 99.1 in Hungary, and 98.9 in Russia.

The excess of males in the United States is partly due to extensive immigration, a much larger proportion of the immigrants being males than females. In the native white population of the United States, however, there is also an excess of males over females. The number of males in this class in 1910 was 34,654,457 and the number of females 33,731,955, the ratio being 102.7 males to each 100 females.

Considerable differences in sex distribution appear among the several classes of population in the United States. There is a great excess of males in the Chinese and Japanese population, and among the foreign-born whites in 1910 there were 129.2 males to 100 females. The variations in sex distribution among the several native groups—the negroes, the Indians (these two classes being practically all native), and the three parentage groups of native whites—are not easily explained. They may in some degree reflect variations in the ratio between male and female births combined with differences in the death rates, particularly of young children, in the respective groups. Among the native whites of native parentage in 1910 there were 104 males to 100 females, but among those of foreign parentage there was an almost exact equality of the sexes. Among native whites of mixed parentage the females outnumbered the males,

and this was also the case among the negroes, the ratio for the negroes being 98.9 males to 100 females. Among the Indians the males were in the majority.

Males increased more rapidly than females in the United States from 1900 to 1910. The former increased from 38,816,448 to 47,332,277, an increase of 8,515,829, or 21.9 per cent; the latter from 37,178,127 to 44,639,989, an increase of 7,461,862, or 20.1 per cent. There were 106 males to 100 females in 1910 as compared with 104.4 in 1900. The increasing predominance of males among immigrants largely accounts for this difference in the rate of increase of the two sexes. Little change occurred in the sex ratio for the native population, but among the foreign-born whites the ratio increased from 117.4 males to 100 females in 1900 to 129.2 in 1910.

Comparison with earlier censuses.—Table 22 shows, for each census from 1820 to 1910, the number of males and females in the total population, and the ratio of males to females for the total population, and for the whites and negroes separately; and also, for each census from 1850 to 1910, the ratio for the native whites and the foreign-born whites.

CENSUS YEAR.	POPULATION.			MALES TO 100 FEMALES.			
	Male.	Female.	Total population.	White.			Negro.
				Total.	Native.	Foreign born.	
1910.....	47,332,277	44,639,989	106.0	106.6	102.7	129.2	98.9
1900.....	38,816,448	37,178,127	104.4	104.9	102.8	117.4	98.6
1890.....	32,237,101	30,710,613	105.0	105.4	102.9	118.7	99.5
1880.....	25,513,830	24,636,963	103.6	104.0	102.1	115.9	97.8
1870.....	19,493,565	19,064,806	102.2	102.8	100.6	115.3	96.2
1860.....	16,085,204	15,338,117	104.7	105.3	103.7	115.1	99.6
1850.....	11,837,660	11,754,216	104.3	103.2	103.1	123.8	99.1
1840.....	8,683,532	8,380,921	103.7	104.5	.....	.....	98.5
1830.....	6,532,489	6,333,531	103.1	103.8	.....	.....	100.3
1820.....	4,896,605	4,741,848	103.3	103.2	.....	.....	103.4

The sex ratio of the total population, while it has not varied greatly since 1820, reveals a tendency to an increasing preponderance of males, largely accounted for an increasing immigration. The rather marked decline in the ratio of males to females revealed by the census of 1870 probably reflects the effects of the Civil War. The decline between 1890 and 1900 is attributable to the check to immigration consequent upon the financial crisis of 1893. On the other hand, the enormous immigration between 1900 and 1910 resulted in a relative excess of males in 1910 greater than recorded by any previous census. The excess of males over females has, at every census since 1830, been confined to the whites, there being a slight excess of females over males in the negro population. The sex of the negro population was not reported prior to 1820. For the whites the number of males to 100 females in 1790 was 103.8, and both in 1800 and 1810 it was 104.

There has been little variation in the ratio of males to females in the native white population since 1880,

but the ratio in 1870—100.6 males to 100 females—was appreciably lower than at the subsequent censuses. Among foreign-born whites the ratio of males to females was higher in 1910 than at any of the preceding censuses for which figures are available.

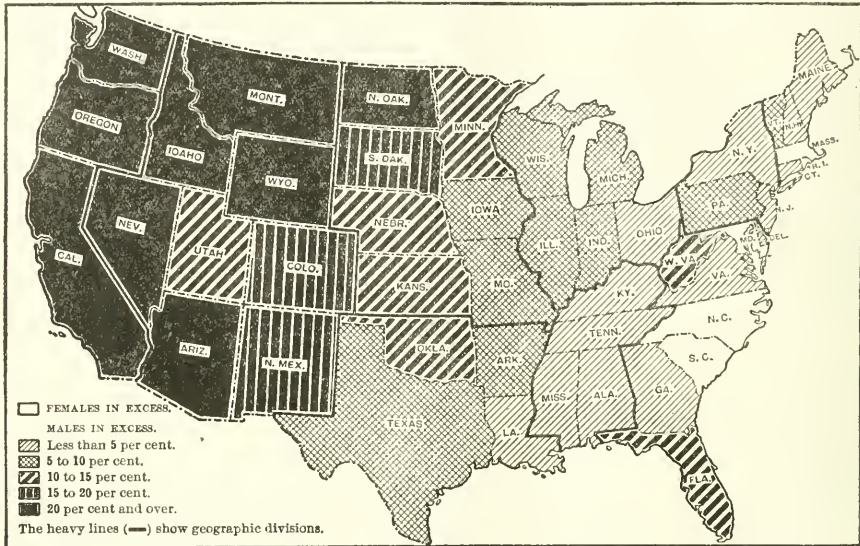
DIVISIONS AND STATES.

The population of each geographic division for the principal color or race, nativity, and parentage elements, in 1910 and 1900, is classified by sex

in Table 23. Similar data for each state are given in Tables 25 and 26 on subsequent pages, except that the 1900 figures are given only for the aggregate and for the foreign-born white population, the latter being the only large class in which there has been a material change in sex distribution since 1900.

The accompanying map shows graphically the differences among the states in the ratio of males to females in the total population for 1910.

RATIO OF MALES TO FEMALES IN THE TOTAL POPULATION: 1910.



The preponderance of males in the aggregate population in 1910 was most marked in the Pacific and Mountain divisions, with ratios, respectively, of 129.5 and 127.9 males to 100 females. The proportion of males was lowest in New England, where there was a slight excess of females over males, and in the South Atlantic and East South Central divisions. Except in the East South Central division, where the ratio of males to females was the same in 1900 as in 1910, and in the Mountain division, where it decreased slightly (from 128 to 127.9), the proportion of males in each division was greater in 1910 than in 1900. The proportion of males increased in every state east of the Mississippi except in Kentucky and Tennessee, where the changes were insignificant. West of the Mississippi the proportion increased in 9 states, decreased in 12 states, and remained unchanged in 1 state.

The sex distribution of the total population in any state is more or less affected by immigration from foreign countries and by migratory movements from or to other states. The ratio of males to females among

the native whites of native parentage is considerably affected by interstate migration. In general, men are more apt to migrate than women. As in the case of the aggregate population, the excess of males among native whites of native parentage was greatest in the Mountain and Pacific divisions, which have grown rapidly through migration from farther east, the ratios in 1910 being, respectively, 119.8 and 117.4 males to 100 females. In two of the eastern divisions, the New England and Middle Atlantic, there was an excess of females over males in this class. The number of males to 100 females in 1910 in the District of Columbia was lower than in any of the states. Among the states it was lowest in Massachusetts (95.2) and highest in Nevada (161.3), Wyoming (151.8), Montana (139.6), and Arizona (135).

In every division, and in every state except Massachusetts, Virginia, Arkansas, Oklahoma, and New Mexico, the proportion of males among the native whites of foreign or mixed parentage was lower than it was among the native whites of native parentage. In

each of the five divisions east of the Mississippi the males in the former class were outnumbered by the females. The lowest ratio shown for any division was that for the East South Central, 94.5 males to 100 females.

Table 23 DIVISION AND CLASS OF POPULATION.	1910			1900		
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.
UNITED STATES.						
Total.....	47,332,277	44,639,989	106.9	38,816,448	37,178,127	104.4
Native white.....	34,654,347	33,731,955	102.7	28,686,450	27,908,929	102.8
Native parentage.....	25,229,218	24,229,357	104.0	20,849,847	20,099,519	103.7
Foreign or mixed par.....	9,425,229	9,472,598	98.5	7,839,603	7,809,412	100.3
Foreign-born white.....	7,523,788	5,821,757	129.2	5,515,288	4,698,532	117.4
Negro.....	4,885,881	4,941,882	98.9	4,386,547	4,447,447	98.6
New England						
Total.....	3,265,114	3,287,567	98.3	2,783,798	2,828,221	97.7
Native white.....	2,209,209	2,366,859	97.1	2,020,861	2,009,293	97.7
Native parentage.....	1,203,800	1,319,529	98.1	1,243,718	1,207,392	98.1
Foreign or mixed par.....	1,005,979	1,047,330	96.0	777,143	801,901	96.9
Foreign-born white.....	928,337	886,048	104.8	709,200	727,612	97.5
Negro.....	37,968	54,529	69.8	28,579	50,520	56.6
Middle Atlantic						
Total.....	9,813,268	9,592,626	103.3	7,761,081	7,683,597	100.9
Native white.....	6,954,755	7,099,518	98.0	5,838,471	5,920,225	98.5
Native parentage.....	4,208,191	4,254,770	98.9	3,687,384	3,719,195	99.1
Foreign or mixed par.....	2,746,964	2,844,748	96.5	2,171,087	2,231,080	97.3
Foreign-born white.....	2,641,593	2,184,586	130.9	1,728,499	1,717,624	100.8
Negro.....	203,466	214,404	94.9	159,711	166,210	96.1
East North Central						
Total.....	9,392,638	8,857,782	106.0	8,177,308	7,898,273	104.7
Native white.....	7,482,146	7,378,256	101.4	6,612,063	6,477,692	102.1
Native parentage.....	4,945,547	4,806,421	102.9	4,311,913	4,176,103	103.3
Foreign or mixed par.....	2,536,599	2,571,835	98.6	2,300,150	2,301,590	99.9
Foreign-born white.....	1,741,015	1,326,205	131.3	1,420,880	1,193,624	118.4
Negro.....	156,431	144,403	108.9	134,445	123,397	106.0
West North Central						
Total.....	6,092,855	5,545,066	109.5	5,412,014	4,935,409	109.7
Native white.....	4,909,117	4,739,273	103.5	4,401,385	4,133,327	106.5
Native parentage.....	3,365,347	3,158,330	106.6	2,933,804	2,727,099	107.6
Foreign or mixed par.....	1,633,760	1,580,943	103.3	1,467,581	1,406,228	104.4
Foreign-born white.....	944,787	668,494	141.3	860,985	664,129	130.5
Negro.....	125,864	116,798	107.8	121,272	116,637	104.0
South Atlantic						
Total.....	6,134,695	6,060,290	101.2	5,222,595	5,220,885	100.0
Native white.....	3,925,700	3,855,342	101.8	3,266,609	3,230,566	101.1
Native parentage.....	3,708,417	3,632,788	102.1	3,073,951	3,033,363	101.3
Foreign or mixed par.....	217,289	222,554	97.6	192,638	197,203	97.7
Foreign-born white.....	172,872	117,085	146.9	115,360	98,526	123.3
Negro.....	2,029,808	2,082,680	97.5	1,835,528	1,888,492	96.9
East South Central						
Total.....	4,245,189	4,164,732	101.9	3,809,668	3,738,091	101.9
Native white.....	2,877,060	2,790,409	103.1	2,514,132	2,441,033	103.0
Native parentage.....	2,772,692	2,679,900	103.5	2,400,720	2,325,054	103.3
Foreign or mixed par.....	104,468	110,509	94.5	113,412	115,979	97.8
Foreign-born white.....	50,542	36,315	139.2	30,706	28,876	130.1
Negro.....	1,315,793	1,330,721	98.4	1,243,082	1,256,804	98.9
West South Central						
Total.....	4,544,595	4,240,029	107.2	3,372,256	3,160,034	106.7
Native white.....	3,307,345	3,035,387	107.9	2,339,975	2,167,080	108.0
Native parentage.....	2,997,129	2,770,320	108.2	2,065,999	1,932,948	108.4
Foreign or mixed par.....	310,216	295,067	105.1	243,976	214,375	104.2
Foreign-born white.....	202,742	146,017	138.8	151,353	112,677	134.3
Negro.....	994,028	996,401	100.4	846,797	847,326	98.9
Mountain						
Total.....	1,478,018	1,155,499	127.9	940,038	734,619	128.0
Native white.....	1,120,126	857,419	117.6	704,452	587,042	120.0
Native parentage.....	799,337	667,294	119.8	471,222	385,879	122.8
Foreign or mixed par.....	326,790	290,125	112.6	233,230	203,163	114.8
Foreign-born white.....	286,022	180,888	158.6	179,949	108,371	166.1
Negro.....	11,766	9,701	121.3	9,104	6,482	140.4
Pacific						
Total.....	2,365,996	1,828,398	129.5	1,357,694	1,058,968	128.2
Native white.....	1,682,933	1,479,492	113.8	968,502	852,620	113.6
Native parentage.....	1,138,765	970,005	117.4	631,136	534,485	118.1
Foreign or mixed par.....	544,168	509,487	106.8	337,366	318,135	106.0
Foreign-born white.....	555,898	305,550	181.9	292,775	179,716	162.9
Negro.....	15,946	13,249	120.4	8,052	6,032	121.1

Atlantic to 146.9 in the South Atlantic. The highest state ratios were for Nevada (331.4 to 100), Wyoming (287.2), West Virginia (261.8), Montana (238.4), Idaho (227.5), and Oregon (209.9); the lowest was that for Massachusetts (99.5). In every division, and in every state except Virginia, Alabama, Mississippi, and Arkansas, the proportion of males among foreign-born whites was greater in 1910 than it was in 1900.

The negro population in 1910 showed an excess of females in the South Atlantic and East South Central divisions, the two divisions where negroes are most numerous, but a slight excess of males appeared in the West South Central division. Among the other divisions females were in excess in the New England and Middle Atlantic divisions only, the excess of males in the other four divisions being doubtless due to a preponderance of males among negroes migrating from the South.

The sex distribution of the Indian, the Chinese, and the Japanese population in 1910 is shown in Table 24 for the United States and for the states in which these elements are relatively numerous.

Table 24 STATE.	Male.	Female.	Males to 100 females.
INDIAN.			
United States.....	135,133	130,550	103.5
Oklahoma.....	37,690	37,135	101.5
Arizona.....	15,056	14,145	106.4
New Mexico.....	10,499	10,153	102.6
South Dakota.....	9,540	9,697	99.4
California.....	8,356	8,015	104.3
Washington.....	5,487	5,570	98.6
Montana.....	5,354	5,361	100.4
Wisconsin.....	5,231	4,911	106.5
Minnesota.....	4,578	4,475	102.3
Michigan.....	3,968	3,551	111.7
North Carolina.....	3,964	3,887	102.0
North Dakota.....	3,224	3,262	98.8
New York.....	3,075	2,971	103.5
Nevada.....	2,633	2,607	101.0
Oregon.....	2,534	2,536	99.1
Nebraska.....	1,777	1,725	103.0
Idaho.....	1,767	1,721	102.7
Utah.....	1,673	1,450	115.4
Kansas.....	1,394	1,050	132.8
All other states.....	7,382	6,468	114.1
CHINESE.			
United States.....	66,850	4,675	1,430.1
California.....	33,003	3,245	1,017.0
Oregon.....	7,043	294	2,200.9
New York.....	6,045	204	2,919.9
Washington.....	2,519	190	1,325.8
Massachusetts.....	2,318	64	(1)
Illinois.....	2,030	73	(1)
Pennsylvania.....	1,749	35	(1)
Arizona.....	1,242	63	(1)
Montana.....	1,227	58	(1)
New Jersey.....	1,089	50	(1)
All other states.....	9,371	376	2,492.3
JAPANESE.			
United States.....	63,070	9,087	694.1
California.....	35,116	6,240	562.8
Washington.....	11,241	1,688	665.9
Oregon.....	3,124	294	1,022.6
Utah.....	2,162	108	2,026.6
Idaho.....	2,021	89	(1)
Montana.....	1,659	26	(1)
Wyoming.....	1,649	47	(1)
Idaho.....	1,293	70	(1)
New York.....	1,050	167	646.7
All other states.....	3,895	358	1,088.0

1 Ratio not shown, the number of females being less than 100.

In the foreign-born white population the number of males to 100 females in 1910 was highest in the Mountain division (189.6), almost as high in the Pacific division (181.9), and lowest in New England (104.8). In the other divisions it ranged from 120.9 in the Middle

ABSTRACT OF THE CENSUS—POPULATION.

MALES AND FEMALES, BY STATES: 1910.

Table 25 DIVISION AND STATE.	TOTAL POPULATION.									WHITE: 1910			NEGRO: 1910			INDIAN, CHINESE, JAPANESE, AND ALL OTHER: 1910		
	1910			1900			1910			1910			1910					
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.
United States.....	47,332,277	44,639,989	106.0	38,816,448	37,178,127	104.4	42,178,245	39,553,712	106.6	4,855,881	4,941,882	88.9	268,151	144,395	185.7			
NEW ENGLAND:																		
Maine.....	377,052	365,319	103.2	350,995	343,471	102.2	375,766	364,229	103.2	700	663	105.6	586	427	137.2			
New Hampshire.....	216,290	214,282	100.9	205,379	206,209	99.6	215,918	213,988	100.9	288	276	104.3	84	18	(1)			
Vermont.....	182,598	173,388	105.3	175,138	168,503	103.9	181,372	172,326	104.9	1,173	448	261.8	23	14	(1)			
Massachusetts.....	1,655,248	1,711,168	96.7	1,367,474	1,437,872	95.1	1,633,487	1,691,439	96.6	18,748	19,307	97.1	3,013	422	714.0			
Rhode Island.....	270,314	272,296	99.3	210,516	218,940	96.5	265,242	267,250	99.2	4,645	4,884	95.1	427	162	263.6			
Connecticut.....	563,642	551,114	102.3	454,294	454,126	100.0	555,821	543,076	102.3	7,220	7,945	91.0	592	93	(1)			
MIDDLE ATLANTIC:																		
New York.....	4,584,597	4,529,017	101.2	3,614,780	3,654,114	98.9	4,511,327	4,455,518	101.3	64,034	70,157	91.3	9,236	3,342	276.4			
New Jersey.....	1,286,463	1,250,704	102.9	941,760	941,909	100.0	1,241,482	1,204,412	103.1	43,602	46,168	94.5	1,379	134	1,029.1			
Pennsylvania.....	3,942,206	3,722,905	105.9	3,204,541	3,097,574	103.5	3,843,539	3,624,174	106.1	95,830	98,089	97.7	2,837	642	441.9			
EAST NORTH CENTRAL:																		
Ohio.....	2,434,758	2,332,363	104.4	2,102,655	2,054,890	102.3	2,376,082	2,278,815	104.3	57,995	53,457	108.5	681	91	(1)			
Indiana.....	1,383,295	1,317,581	105.0	1,285,404	1,231,058	104.4	1,351,792	1,288,169	104.9	31,044	29,276	106.0	459	136	337.5			
Illinois.....	2,911,474	2,726,917	106.8	2,472,782	2,348,788	105.3	2,852,386	2,674,576	106.6	56,909	52,140	109.1	2,379	201	1,183.6			
Michigan.....	1,454,534	1,355,639	107.3	1,248,905	1,172,077	106.6	1,441,281	1,343,966	107.2	2,307	8,108	111.1	4,246	3,565	119.1			
Wisconsin.....	1,208,578	1,125,282	107.4	1,067,562	1,001,480	106.6	1,201,620	1,118,935	107.4	1,476	1,424	103.7	5,482	4,923	111.4			
WEST NORTH CENTRAL:																		
Minnesota.....	1,108,511	967,197	114.6	932,490	818,994	113.9	1,099,425	959,802	114.5	4,183	2,901	144.2	4,903	4,494	109.1			
Iowa.....	1,148,171	1,076,600	106.6	1,156,849	1,075,004	107.6	1,139,621	1,069,570	106.5	8,120	6,853	118.5	430	177	242.9			
Missouri.....	1,687,813	1,605,522	105.1	1,595,718	1,510,955	105.6	1,606,556	1,528,376	105.1	80,489	76,963	104.6	768	183	419.7			
North Dakota.....	317,554	259,502	122.4	177,493	141,633	125.3	313,551	256,004	122.6	381	236	161.4	3,322	3,262	101.3			
South Dakota.....	317,112	266,776	118.9	216,164	185,406	116.6	306,952	256,819	119.5	468	349	134.1	9,692	9,608	100.9			
Nebraska.....	627,782	564,432	111.2	564,592	501,708	112.5	621,042	559,251	111.0	4,259	3,490	124.2	2,481	1,751	141.7			
Kansas.....	885,912	805,037	110.0	768,716	701,779	109.5	856,347	777,915	110.1	27,954	26,006	107.3	1,511	1,056	143.1			
SOUTH ATLANTIC:																		
Delaware.....	103,435	98,887	104.6	94,158	90,577	104.0	87,387	83,716	104.4	16,011	15,170	105.5	37	2	(1)			
Maryland.....	644,225	651,121	98.9	539,275	598,769	98.4	629,072	533,367	99.2	114,749	117,501	97.7	404	53	(1)			
District of Columbia.....	158,050	173,019	91.3	132,004	146,714	90.0	115,001	121,127	94.9	42,615	51,831	82.2	434	61	(1)			
Virginia.....	1,035,343	1,026,264	100.9	925,897	928,287	99.7	704,363	685,446	102.8	330,542	340,554	97.1	443	261	167.8			
West Virginia.....	644,044	577,075	111.6	499,242	459,558	108.6	607,326	549,941	110.5	36,607	27,566	132.8	111	18	(1)			
North Carolina.....	1,098,476	1,107,811	99.2	938,677	955,133	98.2	754,852	745,659	101.2	339,581	358,262	94.8	4,043	3,890	103.9			
South Carolina.....	751,842	763,558	98.5	664,895	675,421	98.4	343,544	335,617	102.4	408,078	427,765	95.4	220	176	125.0			
Georgia.....	1,905,019	1,304,102	106.1	1,103,201	1,113,130	99.1	724,488	707,314	102.4	580,263	596,724	97.2	268	64	(1)			
Florida.....	394,166	358,453	110.0	275,246	253,296	108.7	322,545	211,080	110.2	161,362	147,307	109.5	259	57	(1)			
EAST SOUTH CENTRAL:																		
Kentucky.....	1,161,709	1,128,196	103.0	1,090,227	1,056,947	103.1	1,030,033	997,918	103.2	131,492	130,164	101.0	184	114	161.4			
Tennessee.....	1,103,491	1,081,298	102.1	1,021,224	999,392	102.2	869,622	841,810	103.3	233,710	239,378	97.6	159	110	144.5			
Alabama.....	1,074,209	1,063,884	101.0	916,764	911,933	100.5	625,891	602,941	103.8	447,794	460,488	97.2	524	455	115.2			
Mississippi.....	905,760	891,354	101.6	781,451	769,819	101.5	402,066	384,055	104.7	502,796	506,691	99.2	908	608	149.3			
WEST SOUTH CENTRAL:																		
Arkansas.....	810,026	764,423	106.0	675,312	636,252	106.1	586,420	544,606	107.7	223,323	219,568	101.7	283	249	113.7			
Louisiana.....	835,275	821,113	101.7	694,733	686,892	101.1	480,460	460,626	104.3	353,824	360,050	98.3	691	437	226.8			
Oklahoma ²	881,578	775,577	113.7	423,311	367,060	115.3	771,770	672,761	114.7	71,937	65,675	109.5	37,871	37,141	102.0			
Texas.....	2,017,626	1,878,916	107.4	1,578,900	1,469,810	107.4	1,671,437	1,533,811	109.0	344,941	345,108	100.0	1,248	397	314.4			
MOUNTAIN:																		
Montana.....	226,872	149,181	152.1	149,842	93,487	160.3	217,620	142,960	152.2	1,058	776	136.3	8,194	5,445	150.5			
Idaho.....	155,546	149,048	132.5	93,367	68,405	136.5	181,237	137,984	131.3	338	253	137.3	3,911	1,811	216.0			
Wyoming.....	91,670	54,295	168.8	58,184	34,347	169.4	87,497	52,821	165.6	1,544	691	223.4	2,629	783	335.8			
Colorado.....	430,692	368,327	116.9	295,332	244,368	120.9	421,471	361,944	116.4	5,867	5,586	105.0	3,359	797	421.5			
New Mexico.....	175,245	152,056	115.3	104,228	91,082	114.4	163,442	141,152	115.8	891	737	120.9	10,112	10,167	107.3			
Arizona.....	118,574	85,780	138.2	71,795	51,136	140.4	100,871	70,597	142.9	1,054	955	110.4	16,649	14,228	117.0			
Utah.....	196,863	176,488	111.5	141,687	135,062	104.9	192,118	174,465	110.1	691	453	152.5	4,054	1,570	258.2			
Nevada.....	52,551	29,324	179.2	25,603	16,732	153.0	47,892	26,384	181.5	283	250	105.2	4,396	2,690	163.4			
PACIFIC:																		
Washington.....	658,663	483,327	136.3	304,178	213,925	142.2	635,496	473,615	134.2	3,736	2,322	160.9	19,431	7,390	262.9			
Oregon.....	384,265	288,500	133.2	232,985	180,551	129.0	370,345	284,745	130.0	907	585	155.0	13,013	3,170	410.5			
California.....	1,322,978	1,054,571	125.5	820,531	664,522	123.5	1,222,990	1,026,682	120.1	11,303	10,342	109.3	78,685	17,547	448.4			

¹ Ratio not shown, the number of females being less than 100.² Includes population of Indian Territory for 1900.

CLASSIFICATION OF POPULATION BY SEX.

WHITE MALES AND FEMALES, BY STATES: 1910.

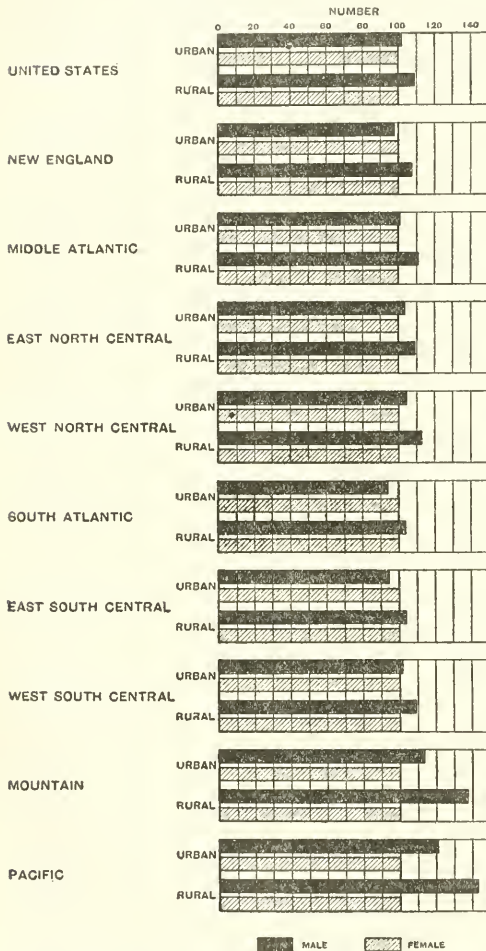
Table 26	NATIVE WHITE: 1910										FOREIGN-BORN WHITE.					
	Total.			Native parentage.			Foreign or mixed parentage.			1910			1900			
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.	
United States	34,654,457	33,731,955	102.7	25,229,218	24,259,357	104.0	9,425,239	9,472,598	99.5	7,523,788	5,821,757	129.2	6,515,285	4,698,532	117.4	
NEW ENGLAND:																
Maine.....	317,798	312,064	101.8	249,738	245,169	101.9	68,060	66,895	101.7	57,968	52,165	111.1	47,976	44,959	106.7	
New Hampshire.....	165,250	168,098	98.3	114,628	115,603	99.2	50,622	52,495	96.4	50,668	45,890	110.4	44,387	43,574	101.4	
Vermont.....	153,450	150,987	101.6	116,227	113,155	102.7	37,223	37,832	98.4	27,922	21,939	127.3	24,508	20,186	121.9	
Massachusetts.....	1,109,359	1,164,517	95.3	535,094	565,335	95.2	571,265	599,182	95.3	524,128	528,922	99.6	404,001	436,113	92.6	
Rhode Island.....	174,659	179,808	97.1	79,735	80,086	99.6	94,924	99,722	95.2	90,583	87,442	103.6	65,571	68,201	96.1	
Connecticut.....	378,753	391,385	96.8	195,468	200,181	97.6	183,285	191,204	95.9	177,908	151,691	116.7	122,817	114,579	107.2	
MIDDLE ATLANTIC:																
New York.....	3,078,904	3,158,609	97.5	1,606,624	1,623,701	98.9	1,472,280	1,534,908	95.9	1,432,423	1,296,849	110.5	953,785	935,738	101.9	
New Jersey.....	884,946	902,760	98.0	502,171	507,738	98.9	382,775	395,022	96.9	356,536	301,652	118.2	223,116	206,934	107.8	
Pennsylvania.....	2,900,905	3,038,089	98.4	2,099,396	2,123,331	98.9	891,509	914,758	97.5	852,634	886,085	145.5	551,591	430,952	128.0	
EAST NORTH CENTRAL:																
Ohio.....	2,029,941	2,027,711	100.1	1,527,978	1,505,281	101.5	501,963	522,430	96.1	346,141	251,104	137.8	246,664	211,236	116.8	
Indiana.....	1,254,609	1,226,030	102.3	1,079,947	1,050,141	102.8	174,662	175,889	99.3	97,183	62,139	156.4	78,487	63,374	123.8	
Illinois.....	2,178,791	2,145,611	101.5	1,324,922	1,275,633	104.9	853,869	869,978	98.1	673,595	528,995	127.3	517,648	446,987	115.8	
Michigan.....	1,107,624	1,082,099	102.4	625,032	599,809	104.2	482,592	482,200	100.1	333,657	261,807	127.4	295,192	245,004	120.5	
Wisconsin.....	911,181	896,805	101.6	387,668	375,357	103.2	523,513	521,248	100.4	290,439	222,130	130.8	282,393	233,312	121.0	
WEST NORTH CENTRAL:																
Minnesota.....	778,944	737,273	105.7	301,552	273,529	110.2	477,392	463,744	102.9	320,481	222,529	144.0	287,473	217,462	132.2	
Iowa.....	982,192	953,515	103.0	663,909	639,617	103.8	318,283	313,898	101.4	167,429	116,055	135.7	170,863	134,899	126.7	
Missouri.....	1,474,700	1,431,336	103.0	1,218,566	1,169,269	104.2	256,134	262,067	97.7	131,586	97,040	135.9	119,565	96,210	124.3	
North Dakota.....	221,221	192,476	114.9	89,162	73,299	121.6	132,059	119,177	110.8	92,630	63,528	145.8	66,145	46,445	142.4	
South Dakota.....	247,236	215,887	114.5	133,071	112,581	118.2	114,185	103,306	110.5	69,696	40,932	145.8	50,967	37,362	136.4	
Nebraska.....	519,461	484,967	107.1	334,144	307,931	108.5	185,317	177,036	104.7	101,581	74,284	136.9	97,712	77,405	128.8	
Kansas.....	775,343	723,819	107.1	624,953	582,104	107.4	150,390	141,715	106.1	81,094	54,096	149.9	72,240	54,337	132.9	
SOUTH ATLANTIC:																
Delaware.....	77,463	76,219	101.6	64,680	63,129	102.5	12,783	13,090	97.7	9,924	7,499	132.4	7,530	6,199	121.5	
Maryland.....	474,755	483,710	98.1	381,395	385,232	99.0	93,360	98,478	94.8	54,317	49,857	108.9	47,005	46,139	101.9	
Dist. of Columbia.....	102,084	109,693	93.1	80,507	86,204	93.4	21,577	23,489	91.9	12,917	11,434	113.0	10,213	9,307	109.7	
Virginia.....	687,635	675,546	101.8	667,946	657,292	101.6	19,689	18,254	107.9	16,728	9,900	169.0	12,034	7,034	171.1	
West Virginia.....	566,027	533,718	106.1	536,985	505,122	106.3	29,042	28,596	101.6	41,299	15,773	261.8	14,164	8,215	172.4	
North Carolina.....	751,107	743,462	101.0	746,715	739,043	101.0	4,392	4,459	98.5	3,745	2,197	170.5	2,712	1,682	161.2	
South Carolina.....	339,825	333,282	102.0	334,338	327,632	102.0	5,487	5,650	97.1	3,719	2,355	159.3	3,159	2,212	142.8	
Georgia.....	714,970	701,790	101.9	702,049	689,009	101.9	12,921	12,751	101.3	9,518	5,554	171.4	7,283	4,738	153.7	
Florida.....	211,840	197,952	107.0	193,802	180,165	107.6	18,038	17,787	101.4	20,705	13,137	157.6	11,260	7,997	140.8	
EAST SOUTH CENTRAL:																
Kentucky.....	1,608,422	979,476	103.0	948,864	914,330	103.8	59,558	65,146	91.4	21,611	18,442	117.2	26,440	23,693	111.6	
Tennessee.....	858,475	834,498	102.9	839,497	815,109	103.0	18,978	19,389	97.9	11,147	7,312	152.4	10,291	7,285	141.1	
Alabama.....	614,065	585,811	103.1	597,984	579,565	103.2	16,171	16,246	99.5	11,826	7,130	165.9	8,949	5,389	166.1	
Mississippi.....	396,098	350,624	104.1	386,337	370,896	104.2	9,761	9,728	100.3	5,958	3,431	173.7	5,026	2,569	193.4	
WEST SOUTH CENTRAL:																
Arkansas.....	575,813	538,304	107.0	556,409	521,100	106.8	19,404	17,204	112.8	10,607	6,302	168.3	8,911	5,275	168.9	
Louisiana.....	459,817	438,487	102.8	396,356	380,231	104.2	54,461	58,256	93.5	25,643	22,139	133.9	28,384	23,019	125.3	
Oklahoma ¹	746,100	658,347	113.3	695,556	614,847	113.1	50,544	43,500	116.2	25,670	14,414	178.1	12,678	7,712	154.4	
Texas.....	1,534,615	1,430,249	107.3	1,348,808	1,254,142	107.5	185,807	176,107	105.5	136,822	103,162	132.6	100,910	76,671	131.6	
MOUNTAIN:																
Montana.....	153,060	115,676	132.1	94,467	67,060	139.6	58,593	48,216	121.5	64,560	27,084	238.4	43,209	19,164	225.5	
Idaho.....	153,155	128,939	121.9	112,310	91,289	123.0	40,845	34,350	118.9	28,082	12,345	227.5	14,525	7,365	197.2	
Wyoming.....	67,382	45,818	147.1	48,652	32,044	151.8	18,730	13,774	136.0	20,115	7,903	257.2	11,586	4,996	231.9	
Colorado.....	343,397	313,167	109.7	250,989	224,147	112.0	92,408	89,020	103.8	78,074	48,777	160.1	55,422	35,053	158.1	
New Mexico.....	148,610	133,330	111.5	134,528	121,041	111.1	14,082	12,249	115.0	14,832	7,822	189.6	8,279	4,991	165.7	
Arizona.....	70,285	44,359	129.3	47,370	35,098	135.0	22,915	19,261	119.0	30,586	16,238	188.4	14,189	8,266	172.9	
Utah.....	156,172	147,018	106.2	89,205	82,458	108.2	66,967	64,560	103.7	35,946	27,447	131.0	26,728	26,076	102.5	
Nevada.....	34,065	22,212	153.4	21,809	13,517	161.3	12,256	8,695	141.0	13,827	4,172	331.4	6,661	2,520	240.5	
PACIFIC:																
Washington.....	474,775	393,139	120.8	324,335	261,051	124.2	150,440	132,088	113.9	160,721	80,476	199.7	67,078	35,047	191.4	
Oregon.....	300,585	251,504	119.5	228,772	188,079	121.6	71,813	63,425	113.2	69,760	33,241	209.9	33,885	19,976	169.6	
California.....	907,573	834,849	108.7	585,638	520,875	112.4	321,915	313,974	102.5	323,417	191,833	169.6	191,812	124,693	153.8	

¹Includes population of Indian Territory for 1900.

URBAN AND RURAL POPULATION.

Table 27 gives the ratio of males to females in the total population and the principal color or race, nativity, and parentage classes in urban and in rural communities, respectively, for the country as a whole and for each division separately. Table 28 shows the corresponding classification by sex. The accompanying diagram shows graphically the ratios for each geographic division.

MALES TO 100 FEMALES IN URBAN AND RURAL COMMUNITIES: 1910.



Of the aggregate urban population of the United States in 1910, 21,496,181 were males and 21,127,202 females, the number of males to 100 females being 101.7. Of the aggregate rural population, 25,836,096

were males and 23,512,787 females, the number of males to 100 females being 109.9. In each class of the population the proportion of males increased between 1900 and 1910—in the urban, from 98.7 to 101.7 males to 100 females, and in the rural, from 108.5 to 109.9.

In every division also the proportion of males, both in the urban and in the rural population, increased between 1900 and 1910; and in every division, as in the country as a whole, the proportion of males in rural communities was greater than in urban. In the rural population of each division the males outnumbered the females, but in the urban population of three divisions—the New England, South Atlantic, and East South Central—the females outnumbered the males.

The fact that females form a larger proportion of the population in urban than in rural communities throughout the United States exists despite the fact that the foreign-born whites—a class in which, as previously noted, males are greatly in the majority—are largely concentrated in cities.

The higher proportion of females in the cities is generally attributed, at least in part, to the fact that the city as compared with the country affords more opportunities for women to find employment. Differences in birth and death rates also probably affect it.

Table 27

DIVISION AND CLASS OF COMMUNITY.	MALES TO 100 FEMALES.					
	Total population.		Native white: 1910			
	1910	1900	Native parentage.	Foreign or mixed parentage.	Foreign-born white: 1910	
United States	106.0	104.4	104.0	99.5	129.2	98.9
Urban	101.7	98.7	99.3	94.8	119.8	86.8
Rural	109.9	108.5	108.7	109.5	161.1	102.1
New England	99.3	97.7	98.1	96.0	104.8	97.8
Urban	97.8	95.7	95.5	95.2	103.1	95.2
Rural	107.4	106.1	104.6	104.6	128.1	131.8
Middle Atlantic	103.3	100.9	98.9	96.5	120.9	94.9
Urban	100.6	98.0	96.1	94.9	114.0	90.8
Rural	110.1	106.6	102.5	104.8	165.9	114.8
East North Central	106.0	104.7	102.0	98.6	131.3	108.3
Urban	103.2	99.7	99.3	93.4	127.7	104.6
Rural	109.3	109.1	105.5	107.9	140.7	121.4
West North Central	109.9	109.7	106.6	103.3	141.3	107.8
Urban	104.5	102.8	102.5	93.2	134.8	104.1
Rural	112.7	112.5	108.4	109.0	145.7	115.8
South Atlantic	101.2	100.0	102.1	97.6	146.9	97.5
Urban	94.1	91.6	95.0	93.1	121.1	86.0
Rural	103.8	102.5	103.9	109.8	219.3	101.0
East South Central	101.9	101.9	103.5	94.5	139.2	98.4
Urban	94.5	94.0	97.9	88.5	128.2	87.9
Rural	103.7	103.4	104.5	110.1	179.2	101.1
West South Central	107.2	106.7	108.2	105.1	138.8	100.4
Urban	101.2	96.5	104.2	95.1	124.9	90.6
Rural	109.0	108.8	109.2	112.1	148.8	103.3
Mountain	127.9	128.0	119.8	112.6	189.6	121.3
Urban	113.3	111.7	110.3	99.0	141.0	105.2
Rural	137.0	136.6	124.9	123.2	233.7	177.1
Pacific	129.5	128.2	117.4	106.8	151.9	120.4
Urban	120.2	118.0	111.2	99.2	155.8	110.3
Rural	143.0	137.9	124.9	120.4	236.6	190.1

MALES AND FEMALES IN URBAN AND RURAL COMMUNITIES, BY DIVISIONS: 1910.

Table 28

DIVISION AND CLASS OF COMMUNITY.	TOTAL POPULATION.				NATIVE WHITE: 1910				FOREIGN-BORN WHITE: 1910		NEGRO: 1910	
	1910		1900		Native parentage.		Foreign or mixed parentage.		Male.	Female.	Male.	Female.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
United States.....	47,332,277	44,639,989	38,816,448	37,178,127	25,229,218	24,259,357	9,428,239	9,472,598	5,233,788	5,821,757	4,885,881	4,941,932
Urban.....	21,495,161	21,127,202	15,298,189	15,498,996	8,893,553	8,956,091	6,001,894	6,345,416	3,234,642	4,400,727	1,273,494	1,409,745
Rural.....	25,836,098	23,512,787	23,518,259	21,679,131	16,335,665	15,303,266	3,426,345	3,127,182	2,288,146	1,421,030	3,606,387	3,532,187
New England.....	3,265,114	3,287,567	2,763,796	2,828,221	1,293,890	1,319,529	1,005,379	1,047,330	928,337	886,049	32,783	33,523
Urban.....	2,096,799	2,708,546	2,185,301	2,283,878	902,295	945,189	909,877	956,016	850,950	825,640	29,096	31,181
Rural.....	568,315	579,021	577,495	544,343	391,595	374,340	95,502	91,314	77,387	60,409	3,087	2,342
MIDDLE ATLANTIC.....	9,813,266	9,502,626	7,761,081	7,693,597	4,208,191	4,254,770	2,746,564	2,844,748	2,641,593	2,184,586	203,466	214,404
Urban.....	6,882,582	6,840,791	4,980,332	5,089,551	2,312,444	2,406,019	2,242,400	2,363,581	2,156,963	1,892,514	161,453	177,793
Rural.....	2,930,684	2,661,835	2,774,749	2,604,046	1,895,747	1,848,751	504,164	481,167	484,630	292,072	42,013	36,611
EAST NORTH CENTRAL.....	9,392,839	8,857,782	8,177,308	7,808,273	4,945,547	4,806,421	2,536,599	2,571,835	1,741,015	1,826,205	156,431	144,405
Urban.....	4,885,039	4,732,232	3,604,539	3,615,436	2,000,500	2,004,169	1,534,565	1,643,127	1,227,819	961,472	117,883	112,659
Rural.....	4,507,800	4,125,550	4,572,769	4,192,837	2,945,047	2,792,252	1,002,034	928,708	513,196	364,733	38,548	31,746
WEST NORTH CENTRAL.....	6,092,855	5,545,066	5,412,014	4,935,409	3,365,357	3,158,330	1,633,760	1,580,943	944,767	668,464	125,564	116,798
Urban.....	1,979,084	1,894,632	1,493,490	1,453,054	1,004,257	980,070	625,789	564,280	362,667	269,029	83,509	80,492
Rural.....	4,113,771	3,650,434	3,918,524	3,482,355	2,361,100	2,178,260	1,107,971	1,016,663	582,100	399,435	42,055	36,306
SOUTH ATLANTIC.....	6,134,605	6,060,290	5,222,595	5,220,885	3,708,417	3,632,788	217,289	222,554	172,872	117,683	2,029,508	2,082,680
Urban.....	1,499,281	1,592,872	1,067,304	1,165,328	821,025	854,794	151,125	162,290	105,016	86,740	420,619	488,501
Rural.....	4,635,324	4,467,418	4,155,291	4,055,557	2,887,392	2,777,994	66,164	60,264	67,856	30,943	1,609,189	1,593,779
EAST SOUTH CENTRAL.....	4,245,169	4,164,732	3,800,666	3,738,061	2,772,592	2,679,900	104,468	110,509	50,542	36,315	1,315,792	1,336,721
Urban.....	764,684	806,545	548,048	583,008	423,791	433,035	70,406	79,576	21,978	25,954	238,203	270,894
Rural.....	3,480,485	3,358,187	3,252,618	3,155,053	2,348,801	2,246,865	34,062	30,933	18,564	10,361	1,077,589	1,065,827
WEST SOUTH CENTRAL.....	4,544,505	4,240,029	3,372,256	3,160,034	2,997,129	2,770,320	310,216	295,067	202,742	146,017	994,025	990,441
Urban.....	984,724	972,732	519,087	538,110	582,979	559,657	115,165	121,124	78,964	60,844	207,124	228,714
Rural.....	3,559,781	3,267,297	2,853,169	2,621,924	2,414,150	2,210,663	195,051	173,943	126,778	85,173	786,904	761,687
MOUNTAIN.....	1,478,018	1,155,499	940,038	734,619	799,330	667,294	326,796	300,125	286,022	150,888	11,766	9,701
Urban.....	503,331	444,180	285,668	255,095	257,949	233,880	129,365	129,826	101,420	71,911	7,918	7,528
Rural.....	974,687	711,319	654,370	479,524	541,381	433,414	197,491	160,299	184,602	78,977	3,848	2,173
PACIFIC.....	2,305,906	1,826,398	1,357,094	1,058,998	1,138,765	970,005	544,168	509,487	555,898	305,560	15,946	13,249
Urban.....	1,800,657	1,081,672	607,420	514,936	588,313	529,278	322,852	325,596	321,865	206,623	12,779	11,583
Rural.....	1,065,249	744,726	750,274	544,062	550,452	440,727	221,316	183,891	234,033	98,927	3,167	1,666

The proportion of males is lower in urban than in rural communities not only for the total population, but also for each of the principal color or race, nativity, and parentage groups. Thus in 1910 in the native white population of native parentage there were 99.3 males to 100 females in urban communities as compared with 106.7 in rural. For the native whites of foreign or mixed parentage the ratios were, respectively, 94.6 to 100 for urban and 109.5 to 100 for rural communities. A still greater disparity appeared in the case of the foreign-born whites, there being 118.9 males to 100 females (itself a high ratio) in this class in urban communities and 161.1 in rural communities. For negroes the corresponding ratios were 90.8 and 102.1 to 100.

Especially striking are the very high ratios of males to females among the foreign-born whites in the rural population of the South Atlantic, Mountain, and Pacific divisions. The total number of foreign-born whites in the rural districts of these divisions, however, is comparatively small.

In the three southern divisions, where negroes are the most numerous, there was only a slight excess of males among the negroes in the rural population. The ratio of males to females among negroes in the urban communities of the South, however, was particularly low, ranging in 1910 from 86 males to 100 females in the South Atlantic division to 90.6 in the West South Central.

PRINCIPAL CITIES.

Table 29 classifies by sex the total population and the principal color or race, nativity, and parentage classes in each of the 50 principal cities in 1910, and Table 31 shows the corresponding ratios of males to females. The total number of persons of each sex in cities of 25,000 to 100,000 inhabitants is shown in Table 30.

In 28 of the 50 cities of over 100,000 inhabitants the males outnumbered the females in 1910. In 39 of the cities the proportion of males was greater in 1910 than it was in 1900, and in 11 it was less. The number of males to 100 females in 1910 was greatest in Seattle (136.2) and only slightly less in Portland, Ore. (134.5). Nashville showed the smallest proportion of males, or 89.6 males to 100 females.

Of the eight cities of 500,000 inhabitants or more, Baltimore had the lowest number of males to 100 females (92.4) in 1910 and Cleveland the highest (106.6). The population of New York City was almost evenly divided by sex; in Philadelphia the females outnumbered the males; and in Chicago the males outnumbered the females.

Among the negro population in 1910 the females outnumbered the males in 28 of the cities, the proportion of males being very low in the southern cities generally.

MALES AND FEMALES IN THE POPULATION OF CITIES OF 100,000 INHABITANTS OR MORE: 1910.

CITY.	TOTAL POPULATION.				NATIVE WHITE: 1910				FOREIGN-BORN WHITE: 1910		NEGRO: 1910	
	1910		1900		Native parentage.		Foreign or mixed parentage.		Male.	Female.	Male.	Female.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.				
Albany, N. Y.	48,270	51,983	45,031	49,120	21,462	23,011	17,242	19,291	9,031	9,134	497	540
Albany, Ga.	74,501	80,338	41,377	45,085	50,483	46,505	3,880	2,584	2,149	13,761	23,610	28,835
Baltimore, Md.	268,195	290,290	243,280	265,677	125,702	135,772	64,478	70,392	38,636	38,407	39,054	45,685
Birmingham, Ala.	67,268	65,417	19,626	18,789	34,008	32,304	4,206	4,151	3,381	2,219	25,662	26,643
Boston, Mass.	329,703	340,882	274,922	285,970	77,368	80,502	126,648	130,456	117,786	122,936	6,664	6,900
Bridgeport, Conn.	52,549	49,505	35,381	35,615	13,723	13,433	18,202	19,112	19,905	16,275	657	675
Buffalo, N. Y.	212,502	211,213	174,931	177,456	59,915	59,777	88,755	94,918	62,796	55,648	933	840
Cambridge, Mass.	50,161	54,678	44,477	47,400	12,047	13,568	19,370	20,424	16,412	18,196	2,227	2,480
Chicago, Ill.	1,125,794	1,074,319	863,408	855,167	226,656	218,473	469,584	466,117	457,800	353,357	22,655	21,418
Cincinnati, Ohio.	177,511	186,890	157,140	168,762	76,659	78,278	61,706	70,484	29,216	27,570	9,905	9,734
Cleveland, Ohio.	289,262	271,401	192,616	189,152	66,668	65,646	109,419	114,489	108,573	87,130	4,341	4,107
Columbus, Ohio.	91,452	90,059	63,301	62,259	58,339	58,507	16,899	18,679	9,374	6,811	6,784	5,535
Detroit, Mich.	285,848	57,729	42,142	43,191	36,129	36,127	12,045	13,314	8,173	5,674	2,455	2,362
Denver, Colo.	107,385	105,986	66,502	67,267	53,529	53,416	29,535	31,650	20,895	18,046	2,652	2,774
Detroit, Mich.	240,354	225,412	139,242	146,462	59,063	56,043	91,905	96,850	86,332	70,233	2,985	2,756
Fall River, Mass.	57,627	61,668	50,290	54,603	7,637	8,221	25,345	26,780	24,391	26,483	174	181
Grand Rapids, Mich.	55,639	57,032	42,470	45,095	19,960	20,817	19,967	22,800	15,240	13,995	347	318
Indianapolis, Ind.	116,069	117,581	83,323	85,641	74,209	76,384	19,675	21,745	11,334	8,433	10,803	11,013
Jersey City, N. J.	137,457	130,322	104,027	102,406	37,937	36,924	53,892	55,209	42,456	35,241	3,020	2,940
Kansas City, Mo.	126,414	121,967	82,720	81,023	77,861	78,856	22,132	25,591	14,426	10,901	11,888	11,631
Los Angeles, Cal.	162,669	156,529	50,519	51,960	84,881	85,086	35,446	39,310	33,275	27,909	3,682	3,917
Louisville, Ky.	108,548	115,380	99,531	105,200	55,678	57,865	24,388	28,023	8,568	8,568	19,660	20,224
Lowell, Mass.	51,535	54,769	44,949	49,757	10,336	10,308	20,308	24,734	21,434	22,023	62	71
Memphis, Tenn.	66,270	64,835	52,284	50,036	31,210	28,775	5,903	6,235	3,853	2,614	25,259	27,182
Milwaukee, Wis.	189,488	184,360	140,536	144,779	39,021	39,502	87,348	95,182	62,579	48,877	478	502
Minneapolis, Minn.	157,345	144,063	103,122	99,956	50,676	45,510	56,026	60,522	49,017	36,021	1,499	1,093
Nashville, Tenn.	122,155	108,209	38,356	42,509	31,054	32,633	3,287	3,864	1,577	1,416	16,229	20,294
New Haven, Conn.	66,695	66,910	53,842	54,185	18,358	19,368	23,991	25,443	22,541	20,243	1,711	1,850
New Orleans, La.	163,239	175,836	136,068	151,036	72,859	74,614	34,423	39,821	14,634	13,052	40,946	48,316
New York, N. Y.	2,382,482	2,284,401	1,705,705	1,731,497	456,111	465,207	890,781	929,360	987,952	939,751	42,142	49,566
Manhattan Borough.	1,166,659	1,164,883	918,269	931,834	171,437	172,914	401,334	416,774	561,681	542,339	28,003	32,510
Bronx Borough.	277,120	213,890	101,758	98,751	46,343	46,138	90,731	94,675	77,948	70,987	1,911	2,206
Brooklyn Borough.	809,791	824,560	673,735	692,819	185,321	186,224	329,837	350,082	292,614	278,728	10,245	12,462
Queens Borough.	144,805	139,836	77,647	76,452	40,430	40,171	69,854	61,115	42,836	36,779	1,440	1,538
Richmond Borough.	44,707	41,262	34,410	32,611	14,489	15,764	16,265	16,970	15,373	10,905	683	629
Newark, N. J.	173,389	174,080	121,027	125,043	46,420	48,317	64,146	68,204	58,114	52,541	4,477	4,993
Oakland, Cal.	78,222	71,952	32,921	34,039	27,992	27,606	23,904	26,032	20,854	15,968	1,614	1,441
Omaha, Neb.	64,602	59,294	54,093	48,462	27,578	25,339	15,683	19,012	15,081	11,987	2,079	2,047
Paterson, N. J.	62,439	63,161	51,839	53,282	13,775	14,617	24,401	25,778	23,468	21,930	710	829
Philadelphia, Pa.	760,463	788,545	634,455	639,212	284,680	299,318	241,243	255,542	195,994	188,384	39,481	45,023
Pittsburgh, Pa.	273,589	290,316	232,313	219,199	87,602	88,487	93,355	98,130	79,024	61,412	13,381	12,272
Portland, Ore.	118,568	108,340	55,128	57,298	46,567	46,396	26,132	24,877	27,724	16,056	608	437
Providence, R. I.	110,288	104,360	85,072	80,525	28,953	31,033	39,727	42,627	38,768	37,835	2,577	2,730
Richmond, Va.	69,915	66,723	39,936	45,114	33,429	35,701	3,703	3,961	2,287	1,798	21,472	25,261
Rochester, N. Y.	108,352	109,797	77,520	85,088	36,779	37,746	39,864	43,823	31,241	27,752	424	455
St. Louis, Mo.	346,065	340,961	288,197	287,041	134,850	134,986	118,245	128,701	70,297	55,409	22,168	21,792
St. Paul, Minn.	111,809	102,935	84,405	78,660	32,522	29,072	45,782	47,616	31,632	24,992	1,904	1,240
San Francisco, Cal.	236,901	190,011	184,866	157,916	64,527	50,832	77,307	76,474	80,995	49,579	1,025	617
Seranton, Pa.	65,591	64,276	51,216	50,810	19,051	19,694	26,565	28,896	19,601	15,551	305	262
Seattle, Wash.	136,773	109,421	51,521	29,150	39,007	46,777	31,178	29,856	39,073	21,557	1,994	902
Spokane, Wash.	57,513	46,889	21,167	15,681	29,226	25,348	13,959	13,338	13,404	7,816	391	332
Syracuse, N. Y.	68,856	68,443	52,538	55,836	28,958	29,459	22,259	24,653	16,993	13,788	579	545
Toledo, Ohio.	84,691	83,806	65,004	66,218	37,302	37,735	28,822	30,361	17,491	14,546	957	940
Washington, D. C.	158,050	173,019	132,004	146,714	80,507	86,204	21,577	23,489	12,917	11,434	45,615	51,831
Worcester, Mass.	73,424	72,562	59,082	59,339	20,205	21,216	26,626	28,125	25,948	22,544	570	671

*Includes population of Allegheny for 1900.

MALES AND FEMALES IN THE POPULATION OF CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910.

CITY.	Male.	Female.	Males to 100 females.	CITY.	Male.	Female.	Males to 100 females.
Alabama				Connecticut			
Mobile.	24,317	27,204	89.4	Hartford.	49,211	49,704	99.0
Montgomery.	17,805	20,351	87.6	Meriden town.	16,143	15,925	101.2
Arkansas				Meriden city.			
Little Rock.	23,035	22,906	100.6	New Britain.	23,212	20,704	112.1
California				Norwich town.			
Berkeley.	19,518	20,016	93.3	Stamford town.	15,567	14,652	92.6
Pasadena.	13,854	16,607	82.4	Stamford city.	14,527	14,359	101.3
Sacramento.	25,332	19,364	130.8	Waterbury.	16,283	15,600	104.1
San Diego.	20,736	18,852	109.9	Delaware			
San Jose.	14,390	14,547	99.0	Wilmington.	43,988	43,473	101.1
Colorado				Florida			
Colorado Springs.	14,042	15,036	93.4	Jacksonville.	29,340	28,359	103.5
Pueblo.	24,855	19,540	127.2	Tampa.	19,554	18,228	107.3

CLASSIFICATION OF POPULATION BY SEX.

MALES AND FEMALES IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Continued.

Table 30—Contd.

CITY.	Male.	Female.	Males to 100 females.	CITY.	Male.	Female.	Males to 100 females.
Georgia				New Jersey—Continued.			
Augusta.....	19,237	21,803	88.2	Perth Amboy.....	17,359	14,762	117.6
Macon.....	19,513	21,132	92.3	Trenton.....	50,231	46,584	107.8
Savannah.....	31,051	33,983	91.5	West Hoboken town.....	17,745	99.5	
Illinois				New York			
Aurora.....	15,118	14,689	102.9	Amsterdam.....	13,279	15,988	95.6
Bloomington.....	12,321	13,447	91.6	Auburn.....	17,587	17,081	103.0
Deauville.....	13,721	14,130	97.0	Binganton.....	23,105	25,328	91.2
Decatur.....	15,443	15,697	98.4	Elmira.....	18,533	18,623	99.6
East St. Louis.....	32,363	26,154	123.6	Jamestown.....	13,650	15,847	100.0
Elgin.....	12,230	13,686	89.8	Kingston.....	12,250	13,658	89.7
Joliet.....	18,417	22,333	113.3	Mount Vernon.....	14,844	16,075	92.3
Peoria.....	34,362	32,588	105.4	New Rochelle.....	14,686	14,181	103.6
Quincy.....	17,879	18,708	95.6	Newburgh.....	35,387	35,417	100.0
Rockford.....	23,302	22,669	103.1	Niagara Falls.....	16,086	14,359	112.0
Springfield.....	25,488	26,190	97.3	Poughkeepsie.....	13,378	14,558	91.9
Indiana				Troy			
Evansville.....	34,429	35,218	97.8	Union.....	38,321	34,035	114.2
Fort Wayne.....	31,433	32,500	96.7	Watertown.....	36,367	38,052	95.6
South Bend.....	27,531	26,053	106.8	Yonkers.....	13,066	13,664	95.6
Terre Haute.....	29,287	28,870	101.4	North Carolina			
Iowa				Charlotte.....			
Cedar Rapids.....	16,900	16,511	98.7	Wilmington.....	16,275	17,739	91.7
Clinton.....	13,067	12,510	104.5	Ohio			
Council Bluffs.....	15,154	14,138	107.2	Akron.....	36,604	32,463	112.8
Davenport.....	21,300	21,498	100.1	Canton.....	26,110	24,107	108.3
Des Moines.....	43,133	43,233	99.8	Hamilton.....	17,825	17,434	102.1
Dubuque.....	18,977	19,517	97.2	Lima.....	13,915	13,915	100.0
Sioux City.....	25,718	22,110	116.3	Lorain.....	16,291	12,622	128.8
Waterloo.....	13,773	12,918	106.6	Newark.....	12,988	12,416	104.6
Kansas				Springfield.....			
Kansas City.....	42,779	39,558	108.1	Springfield.....	23,538	23,083	103.3
Topeka.....	21,710	21,974	98.8	Uniontown.....	45,649	42,323	107.8
Wichita.....	26,964	25,486	105.8	Zanesville.....	13,550	14,476	93.6
Kentucky				Oklahoma			
Covington.....	25,628	27,642	92.7	Muskogee.....	13,398	11,880	112.8
Lexington.....	18,250	18,270	92.2	Oklahoma City.....	35,742	28,463	125.6
Newport.....	14,674	15,635	93.9	Pennsylvania			
Louisiana				Allentown.....			
Shreveport.....	13,760	14,255	96.5	Altoona.....	25,068	26,815	93.6
Maine				Chester.....			
Lewiston.....	12,529	13,718	91.3	Easton.....	25,134	25,993	100.5
Portland.....	27,956	30,615	91.3	Reading.....	19,765	18,769	105.3
Massachusetts				Salem.....			
Brockton.....	25,293	26,585	99.0	Worcester.....	13,523	14,700	94.0
Brookline town.....	11,038	16,734	65.9	York.....	33,515	33,010	101.5
Chelsea.....	16,709	15,743	106.1	York.....	31,153	33,003	94.5
Chicopee.....	12,736	12,995	100.6	York.....	12,695	12,757	99.5
Everett.....	16,313	15,171	107.5	York.....	30,940	24,542	126.1
Fitchburg.....	18,704	19,082	98.4	York.....	22,065	25,129	87.9
Haverhill.....	21,607	22,508	96.0	York.....	22,510	21,414	111.5
Holyoke.....	27,671	30,099	92.1	York.....	19,134	17,146	111.6
Lawrence.....	42,553	43,034	99.6	York.....	13,258	14,617	90.7
Lyons.....	4,683	44,721	92.1	York.....	47,576	48,495	98.1
Malden.....	20,927	23,477	89.1	York.....	14,828	13,389	110.8
New Bedford.....	47,731	48,921	97.6	York.....	33,539	33,246	101.8
Newton.....	17,801	22,085	80.9	York.....	14,932	16,928	88.2
Pittsfield.....	16,130	15,991	100.9	York.....	21,599	22,881	95.6
Quincy.....	16,454	16,188	101.6	Rhode Island			
Salem.....	21,291	22,406	95.0	Newport.....	14,784	12,365	119.6
Somerville.....	36,028	40,608	90.2	Pawtucket.....	25,251	26,271	96.5
Springfield.....	43,221	48,705	94.6	Warwick town.....	13,182	13,447	98.0
Taunton.....	16,722	17,337	96.4	Woonsocket.....	15,732	19,393	96.6
Waltham.....	12,949	14,885	87.0	South Carolina			
Michigan				Charleston.....			
Battle Creek.....	12,374	12,893	96.0	Columbia.....	27,324	31,499	86.8
Bay City.....	22,305	22,631	99.3	Tennessee			
Flint.....	21,779	16,771	129.9	Chattanooga.....	22,429	22,175	101.1
Jackson.....	15,834	15,379	103.5	Knoxville.....	17,621	15,725	94.1
Kalamazoo.....	19,197	20,240	94.8	Texas			
Lansing.....	16,800	14,428	116.4	Austin.....	14,390	15,470	93.0
Saginaw.....	24,550	25,660	96.3	Dallas.....	46,199	45,620	101.2
Minnesota				El Paso.....			
Duluth.....	44,866	33,600	133.5	Fort Worth.....	19,726	19,533	100.9
Missouri				Galveston.....			
Joplin.....	16,231	15,842	102.5	Houston.....	39,007	34,305	113.7
St. Joseph.....	39,665	37,738	105.1	San Antonio.....	19,336	17,595	110.2
Springfield.....	17,401	17,800	97.8	San Antonio.....	40,126	38,674	103.8
Montana				San Antonio.....			
Butte.....	22,314	16,851	132.4	San Antonio.....	47,863	48,749	98.2
Nebraska				Waco.....			
Lincoln.....	21,870	22,103	98.9	Ogden.....	12,861	13,564	94.8
South Omaha.....	14,561	11,698	124.5	Utah			
New Hampshire				Ogden.....			
Manchester.....	34,148	35,915	95.1	Salt Lake City.....	13,334	12,246	108.9
Nashua.....	13,016	12,989	100.2	Virginia			
New Jersey				Richmond.....			
Atlantic City.....	22,997	23,153	99.3	Norfolk.....	13,775	15,719	87.6
Bayonne.....	29,327	26,018	113.5	Norfolk.....	32,807	34,265	95.0
Camden.....	47,396	47,142	100.5	Porismouth.....	17,639	15,581	113.0
East Orange.....	15,287	19,084	80.1	Roanoke.....	17,514	17,360	100.9
Elizabeth.....	37,921	33,488	107.1	Washington			
Hoboken.....	36,675	33,649	109.0	Tacoma.....	47,488	36,255	131.0
Orange.....	14,466	15,104	95.4	West Virginia			
Passaic.....	26,549	28,224	94.1	Huntington.....	16,020	15,141	105.8
				Wheeling.....			
				Wheeling.....			
				Wheeling.....			
				Wisconsin			
				Green Bay.....			
				La Crosse.....			
				Madison.....			
				Oshkosh.....			
				Racine.....			
				Sheboygan.....			
				Superior.....			

MALES TO 100 FEMALES IN THE POPULATION OF CITIES OF 100,000 INHABITANTS OR MORE: 1910.

CITY.	TOTAL POPULATION.		NATIVE WHITE: 1910		Foreign-born white: 1910	Negro: 1910	CITY.	TOTAL POPULATION.		NATIVE WHITE: 1910		Foreign-born white: 1910	Negro: 1910
	1910	1900	Native parent-age.	Foreign or mixed parent-age.				1910	1900	Native parent-age.	Foreign or mixed parent-age.		
Albany, N. Y.	92.9	91.7	93.3	89.4	98.9	92.0	New Haven, Conn.	99.7	99.4	94.8	94.3	111.4	92.5
Atlanta, Ga.	92.7	85.3	97.8	91.0	150.4	81.0	New Orleans, La.	92.8	90.1	97.6	86.4	112.1	84.7
Baltimore, Md.	92.4	91.6	92.6	91.6	103.6	85.5	New York, N. Y.	99.9	98.5	98.0	95.8	105.1	85.0
Birmingham, Ala.	102.8	104.5	105.3	101.3	145.8	96.3	<i>Manhattan Borough.</i>	100.2	95.6	99.1	96.3	103.6	86.2
Boston, Mass.	96.7	96.1	96.1	97.1	95.8	96.6	<i>Bronx Borough.</i>	101.6	103.0	100.6	95.9	108.8	86.6
Bridgeport, Conn.	106.1	99.3	102.2	95.2	122.3	97.3	<i>Brooklyn Borough.</i>	95.2	96.8	95.4	94.6	105.0	82.2
Buffalo, N. Y.	100.6	98.6	100.2	93.5	112.8	111.1	<i>Queens Borough.</i>	103.1	102.8	100.6	97.9	115.1	87.9
Cambridge, Mass.	91.7	93.8	88.8	94.8	90.2	83.8	<i>Richmond Borough.</i>	108.3	105.6	105.3	101.8	122.6	81.9
Chicago, Ill.	106.3	103.4	103.8	95.8	121.1	105.9	Newark, N. J.	99.6	96.8	96.1	94.1	110.6	89.6
Cincinnati, Ohio.	95.4	93.1	97.9	87.5	105.9	101.8	Oakland, Cal.	108.7	96.7	99.9	91.8	130.6	112.0
Cleveland, Ohio.	106.6	101.8	101.6	95.6	124.6	105.7	Omaha, Neb.	109.3	111.6	108.8	98.8	125.8	116.2
Columbus, Ohio.	101.5	101.7	99.7	90.5	135.6	113.9	Fulcrton, N. J.	98.9	97.4	94.2	84.7	107.0	85.6
Dayton, Ohio.	101.9	97.5	99.9	89.1	144.0	104.6	Philadelphia, Pa.	96.4	96.2	95.1	94.4	102.9	87.6
Denver, Colo.	101.3	99.0	100.2	83.3	115.8	95.6	Pittsburgh, Pa.	105.1	106.0	99.0	92.1	128.7	108.8
Detroit, Mich.	106.6	95.1	105.4	95.4	122.9	108.3	Portland, Ore.	134.5	142.4	123.7	105.0	172.7	133.1
Fall River, Mass.	93.4	92.0	92.0	94.6	92.1	96.1	Providence, R. I.	96.7	94.0	93.2	93.2	103.3	94.1
Grand Rapids, Mich.	97.4	94.2	95.9	87.6	116.4	109.1	Richmond, Va.	91.3	88.5	93.6	93.5	127.2	85.0
Indianapolis, Ind.	98.7	97.5	97.2	90.5	134.4	98.1	Rochester, N. Y.	98.7	91.1	97.4	91.0	112.6	98.2
Jersey City, N. J.	105.5	101.6	102.7	97.6	120.3	102.7	St. Louis, Mo.	101.5	100.4	99.9	91.9	128.9	101.7
Kansas City, Mo.	103.6	102.1	105.6	94.2	132.3	101.7	St. Paul, Minn.	108.6	107.3	111.9	96.1	126.2	153.5
Los Angeles, Cal.	103.9	97.2	99.8	90.2	121.8	94.0	San Francisco, Cal.	131.6	117.1	126.9	101.1	162.4	166.1
Louisville, Ky.	94.1	94.6	96.2	87.0	103.5	93.7	Scranton, Pa.	102.0	100.8	96.7	92.0	127.2	116.4
Lowell, Mass.	94.1	83.9	89.3	83.0	97.3	(1)	Seattle, Wash.	136.2	176.7	126.1	104.1	179.6	154.5
Memphis, Tenn.	102.2	104.5	108.5	94.7	147.4	92.9	Spokane, Wash.	122.7	135.0	115.3	104.5	171.5	117.8
Milwaukee, Wis.	102.8	97.1	98.0	91.8	128.0	95.2	Syracuse, N. Y.	100.5	94.1	98.3	90.3	123.2	106.2
Minneapolis, Minn.	109.2	103.5	111.4	92.6	132.3	137.1	Toledo, Ohio.	101.1	99.1	99.0	94.3	130.2	96.7
Nashville, Tenn.	89.6	90.2	95.2	85.1	111.4	80.0	Washington, D. C.	91.3	90.0	93.4	94.9	115.0	82.2
							Worcester, Mass.	101.2	99.6	95.2	94.7	113.0	84.9

¹ Ratio not shown, the number of females being less than 100.² Includes population of Allegheny for 1900.

POPULATION 21 YEARS OF AGE AND OVER.

ALL PERSONS 21 YEARS OF AGE AND OVER.

General summary: 1910.—Persons 21 years of age and over have certain special legal rights with reference to property, the elective franchise, and other matters. This class of the population is further significant from the social and economic standpoint, in that it includes the great majority of breadwinners and also the great majority of married men and women. From the political standpoint particular interest attaches to statistics regarding males 21 years of age and over, although in several states women of that age also now have the right to vote at all elections.

For the United States, exclusive of Alaska, Hawaii, Porto Rico, and other outlying possessions, the total population 21 years of age and over in 1910 was 51,554,905, representing 56.1 per cent of the total population of all ages.

This total includes 26,999,151 males and 24,555,754 females, the number of males being 10 per cent greater than the number of females. Table 32, showing the number of each sex in 1910 for each of the principal classes of population, discloses an excess of males in each specified class except that made up of native whites of foreign or mixed parentage. Of a total excess of males amounting to 2,443,397, the foreign-born whites contributed 1,639,709.

As regards color or race, nativity, and parentage, the composition of the female population 21 years of age and over differs from that of the male in having smaller percentages of foreign-born whites, Chinese, and

Japanese, and larger percentages of the other race and nativity classes, these differences being attributable mainly to the fact, previously noted, that immigrants include many more males than females. Thus 20.4 per cent of the adult female population in 1910 were foreign-born whites, as compared with 24.6 per cent of the male, while 69.4 per cent of the former and 65.6 per cent of the latter were native whites and 9.9 and 9.1 per cent, respectively, were negroes.

Table 32

CLASS OF POPULATION.	MALES 21 YEARS OF AGE AND OVER.		FEMALES 21 YEARS OF AGE AND OVER.		Males to 100 females.
	Number.	Percent of total.	Number.	Percent of total.	
Total	26,999,151	100.0	24,555,754	100.0	110.0
Native white—Native parentage	13,211,731	48.9	12,484,481	50.8	105.8
Native white—Foreign or mixed parentage.	4,498,866	16.7	4,567,647	18.6	98.5
Foreign-born white	3,646,817	24.6	5,007,198	20.4	132.7
Negro	2,458,873	9.1	2,427,742	9.9	101.3
Indian	62,967	0.2	60,169	0.2	104.7
Chinese, Japanese, and all other.	119,797	0.4	8,807	(1)	1,391.9

¹ Less than one-tenth of 1 per cent.

Sex ratios, by divisions and states.—Table 33 gives, for 1910 and 1900, the total number of each sex, and also the number of males to 100 females, in the population 21 years of age and over, by geographic divisions and states.

Considered by geographic divisions, the number of men to 100 women in 1910 ranged from 98.8 in New England—the only division in which women outnumbered men—to 144.9 in the Pacific division and 148.6

in the Mountain division. The ratios for the divisions last named were exceptionally high, the highest ratio elsewhere being 116.2 to 100 for the West North Central division.

Table 33

DIVISION AND STATE.	POPULATION 21 YEARS OF AGE AND OVER.					
	1910			1900		
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.
United States.....	26,939,151	24,555,754	110.0	21,134,299	19,647,708	107.6
GEOGRAPHIC DIVISIONS:						
New England.....	2,019,096	2,043,998	98.8	1,707,955	1,762,289	96.9
Middle Atlantic.....	5,920,501	5,668,188	105.6	4,557,812	4,465,941	102.1
East North Central.....	5,634,500	5,133,680	109.2	4,624,078	4,294,362	107.7
West North Central.....	3,493,637	3,005,774	116.2	2,921,551	2,501,239	116.8
South Atlantic.....	3,071,428	3,007,118	102.1	2,498,785	2,499,908	99.9
East South Central.....	2,096,186	2,037,064	102.9	1,794,415	1,752,742	102.4
West South Central.....	2,161,366	1,987,760	113.8	1,584,099	1,397,960	113.3
Mountain.....	913,558	614,736	148.6	563,499	372,124	151.4
Pacific.....	1,618,879	1,117,436	144.9	884,105	601,653	147.1
NEW ENGLAND:						
Maine.....	235,727	225,736	104.4	217,663	211,960	102.7
New Hampshire.....	136,668	135,372	101.0	130,897	131,475	99.6
Vermont.....	113,506	106,853	106.2	108,356	103,819	104.4
Massachusetts.....	1,021,669	1,074,435	95.1	843,465	902,534	93.5
Rhode Island.....	163,834	166,391	98.5	127,144	133,314	95.4
Connecticut.....	347,692	335,131	103.7	280,940	279,187	100.4
MIDDLE ATLANTIC:						
New York.....	2,836,773	2,757,521	102.9	2,184,965	2,193,675	99.6
New Jersey.....	774,702	736,659	105.1	555,608	548,092	101.3
Pennsylvania.....	2,309,426	2,114,008	109.2	1,817,239	1,723,574	105.4
EAST NORTH CENTRAL:						
Ohio.....	1,484,265	1,398,341	106.1	1,212,223	1,175,167	103.2
Indiana.....	822,434	770,658	106.7	720,206	677,572	106.3
Illinois.....	1,743,182	1,567,491	111.2	1,401,456	1,280,144	109.5
Michigan.....	870,876	786,033	110.8	719,478	650,571	110.6
Wisconsin.....	683,743	611,157	111.9	570,715	510,998	111.7
WEST NORTH CENTRAL:						
Minnesota.....	642,660	512,411	125.4	506,794	403,320	125.7
Iowa.....	663,672	603,644	109.9	635,298	565,203	112.4
Missouri.....	973,062	890,152	108.6	856,684	780,687	109.7
North Dakota.....	173,890	122,406	142.1	95,217	63,357	150.3
South Dakota.....	178,189	134,187	132.8	112,681	86,507	130.2
Nebraska.....	353,626	298,040	118.7	301,091	245,078	122.9
Kansas.....	508,529	438,934	115.9	413,786	357,027	115.9
SOUTH ATLANTIC:						
Delaware.....	61,887	58,442	105.9	54,018	51,286	105.3
Maryland.....	367,908	373,819	98.4	321,903	328,531	98.0
District of Columbia.....	163,761	116,148	99.3	83,823	84,454	98.7
Virginia.....	523,532	518,473	101.0	447,815	452,543	99.0
West Virginia.....	338,349	284,969	118.7	247,970	218,894	113.3
North Carolina.....	596,124	519,475	97.4	417,583	438,694	95.2
South Carolina.....	335,046	343,958	97.4	283,225	292,567	96.8
Georgia.....	620,616	613,149	101.2	500,752	504,381	99.3
Florida.....	214,195	178,685	119.9	139,601	118,648	117.7
EAST SOUTH CENTRAL:						
Kentucky.....	603,454	579,756	104.1	543,996	520,921	104.4
Tennessee.....	552,668	542,408	101.9	497,380	477,892	102.0
Alabama.....	423,111	501,959	102.2	413,802	414,313	99.9
Mississippi.....	426,953	412,941	103.4	349,177	339,616	102.8
WEST SOUTH CENTRAL:						
Arkansas.....	395,824	351,994	112.5	313,836	278,542	112.7
Louisiana.....	414,919	393,345	105.5	325,945	318,090	102.5
Oklahoma.....	447,266	356,194	125.6	206,552	158,543	130.3
Texas.....	1,003,357	884,218	113.5	737,768	642,866	114.8
MOUNTAIN:						
Montana.....	155,017	81,741	189.6	101,931	48,548	210.0
Idaho.....	116,663	69,818	168.5	53,932	31,310	172.2
Wyoming.....	63,201	28,840	219.1	37,886	16,613	228.1
Colorado.....	271,648	213,425	127.3	185,708	136,462	136.1
New Mexico.....	94,637	73,152	129.4	55,067	43,304	127.2
Arizona.....	74,654	48,891	152.7	44,081	28,197	156.8
Utah.....	104,115	85,736	121.4	67,172	61,212	109.7
Nevada.....	40,226	18,140	222.7	17,710	9,472	187.0
PACIFIC:						
Washington.....	441,294	277,727	158.9	195,572	111,043	176.1
Oregon.....	257,188	168,323	152.8	144,446	95,062	151.9
California.....	920,397	671,386	137.1	544,087	394,948	137.8

¹ Includes population of Indian Territory for 1900.

Massachusetts, Rhode Island, Maryland, North Carolina, and South Carolina were the only states in 1910 in which women outnumbered men. The District of Columbia, however, showed a larger proportion of women than any of the states.

There were two states, Nevada and Wyoming, in which men outnumbered women by more than 2 to 1

and five other states in which there were more than 150 men to every 100 women. These states are all in the Mountain and Pacific divisions.

In a majority of the states, as indicated by the sex ratios, as well as in the United States as a whole, the number of men increased between 1900 and 1910 faster than the number of women. For the United States the number of men to every 100 women increased from 107.6 in 1900 to 110 in 1910. The states in which the ratio increased include all those east of the Mississippi River except Kentucky and Tennessee, but only six states west of that river.

MALES 21 YEARS OF AGE AND OVER.

United States as a whole.—Table 34 shows, for 1910 and 1900, the number of males 21 years of age and over by color or race, nativity, and parentage groups, in comparison with the corresponding groups of the total population.

Table 34

CLASS OF POPULATION.	MALES 21 YEARS OF AGE AND OVER.					
	TOTAL POPULATION.		Number.		Per cent of total population.	
	1910	1900	1910	1900	1910	1900
Total.....	91,972,266	75,994,575	26,999,151	21,134,299	29.4	27.8
White.....	81,731,957	66,809,196	24,357,514	18,918,697	29.8	28.3
Negro.....	9,827,763	8,835,994	2,438,873	2,080,302	25.0	23.3
Indian.....	265,633	237,196	62,967	57,077	23.7	24.1
Chinese.....	71,531	89,363	66,421	81,018	84.5	90.2
Japanese.....	72,157	24,326	56,638	17,205	78.5	70.7
All other.....	3,173	1,782	2,738	1,076	86.2	60.9
Native white.....	68,356,412	56,595,379	17,710,697	14,014,427	25.9	24.8
Native parentage.....	49,488,573	49,949,302	13,211,731	10,369,743	26.7	25.8
Foreign par.....	19,416,211	10,652,290	3,215,082	2,335,751	24.9	23.8
Mixed parentage.....	5,951,526	5,013,737	1,283,884	908,933	21.5	18.1
Foreign-born white.....	13,345,545	10,213,817	6,646,817	4,904,270	49.8	48.0

In 1910 there were in the United States 26,999,151 men 21 years of age and over, constituting 29.4 per cent of the total population, as compared with 21,134,299, constituting 27.8 per cent of the population, in 1900. Men of 21 and over formed 57 per cent of the total male population in 1910 and 54.4 per cent in 1900.

It should not be assumed that these statistics show the number of men having the right to vote. Aside from the fact that the totals given include unnaturalized persons of foreign birth, there are in some of the states restrictions, chiefly based on property and education, which further limit the number of men 21 years of age and over who can vote.

In 1910 men of 21 and over constituted 29.8 per cent of the white population, as compared with 25 per cent of the negro. This difference is mainly due to the fact that many of the whites are foreign born, and the foreign born consist more largely of adults and of males than the natives. Nearly one-half (49.8 per cent) of the foreign-born white population in 1910 consisted of men 21 years of age and over, while of the native white population hardly more than one-fourth (25.9 per cent) were men of that age.

In each of the color or race, nativity, and parentage groups shown in Table 34 (except the relatively unimportant groups of Indians and Chinese) males of 21 and over constituted a larger proportion of the population in 1910 than in 1900. In the case of the foreign-born whites this change indicates a larger proportion of males among the immigrants than formerly. In the other classes it reflects a change in the age distribution of the population, the exact nature and cause of which can only be determined by a detailed study of the age statistics.

Table 35 shows the number of males 21 years of age and over in specified classes of the population in 1910 and 1900, with the citizenship of foreign-born whites, and the increase during the decade.

Table 35

MALES 21 YEARS OF AGE AND OVER.

CLASS OF POPULATION AND CITIZENSHIP.	1910		1900		Increase: 1900-1910		Per cent of total.	
	1910	1900	Number.	Per cent.	1910	1900	1910	1900
					Number.	Per cent.		
Total	26,399,151	21,134,299	5,864,852	27.8	100.0	100.0		
White.....	24,357,514	18,918,697	5,438,817	28.7	90.2	89.5		
Negro.....	2,458,873	2,069,302	398,571	19.3	9.1	9.7		
Indian.....	62,967	57,077	5,890	10.3	0.2	0.3		
Chinese.....	60,421	81,018	-20,597	-25.4	0.2	0.4		
Japanese.....	56,638	17,205	39,433	229.2	0.2	0.1		
All other.....	2,738		2,738		(*)			
Native white.....	17,710,697	14,014,427	3,696,270	26.4	65.6	60.3		
Native parentage.....	13,211,731	10,369,743	2,841,988	25.0	48.9	50.6		
Foreign parentage.....	3,215,082	2,335,751	879,331	26.8	11.9	12.0		
Mixed parentage.....	1,283,854	908,933	374,921	41.3	4.8	4.3		
Foreign-born white.....	6,646,817	4,904,270	1,742,547	35.5	24.6	23.2		
Naturalized.....	3,034,117	2,845,473	188,644	6.6	11.2	13.3		
Having first papers.....	570,772	411,598	158,574	38.6	2.1	1.9		
Alien.....	2,266,535	914,917	1,351,618	147.7	8.4	4.3		
Citizenship not reported.....	775,393	731,982	43,411	5.9	2.9	3.5		

* A minus sign (-) denotes decrease.
 † Less than one-tenth of 1 per cent.

The number of males 21 and over increased 5,864,852, or 27.8 per cent, between 1900 and 1910. This is a much higher rate of increase than that in the total population, which was 21 per cent. Chiefly on account of the marked predominance of adult males among the foreign-born whites, the distribution of the total number of men of 21 and over among the several color or race, nativity, and parentage groups, as shown in the above table, differs considerably from the distribution of the total population among those groups, as shown in a preceding table (Table 1). Practically one-fourth (24.6 per cent) of the male population 21 years of age and over in 1910 were foreign-born whites, as compared with 14.5 per cent of the total population. Native whites of native parentage constituted 48.9 per cent of the total adult male population and 53.8 per cent of the total population. The corresponding percentages for native whites of foreign or mixed parentage were 16.7 and 20.5, respectively. The percentage of negroes in the male population of 21 and over was 9.1, as compared with 10.7 in the total population. The proportion of

foreign-born whites in the whole number of males 21 years of age and over was higher in 1910 than in 1900, while that of the two principal native white groups and of all colored races except the Japanese was lower.

Of the 6,646,817 foreign-born whites in 1910, 3,034,117, or 45.6 per cent, were returned as naturalized; in 1900 the percentage naturalized was 58. The naturalized foreign-born whites in 1910 constituted 11.2 per cent of the total male population 21 years of age and over. Those reported as aliens in 1910 numbered 2,266,535, or considerably more than twice the number so reported in 1900. It is probable that most of the considerable number of foreign-born whites whose condition as to citizenship was not reported were also aliens. The increase in the proportion of aliens reflects the fact that a larger proportion of the foreign-born whites in 1910 were recent arrivals than was the case in 1900.

Divisions and states.—Statistics regarding males 21 years of age and over, by divisions and states, are presented in Table 36 on a subsequent page. The relative importance of the principal color or race, nativity, and parentage classes in the adult male population is graphically shown in the diagram on the opposite page.

Marked differences appear among the divisions and states with respect to the proportion which men of 21 and over form of the total population. These differences are due to differences in the ratio of males to females (compare Tables 23, 25, and 26) or to differences in the age distribution of the population, or to both causes combined. States which receive large accessions to their population, either from foreign countries or from other parts of the United States, have in general a materially larger proportion of men of 21 and over in their population than the other states. Among the geographic divisions, the Pacific and the Mountain divisions showed the highest proportions in 1910 (38.6 per cent and 34.7 per cent, respectively). Very little difference appears among the four northern divisions, in each of which the proportion was practically three-tenths, while in each of the three divisions of the South the proportion was about one-fourth. In every division, and in fact in every state except New Hampshire, Montana, and Colorado, the proportion of males 21 years of age and over was higher in 1910 than in 1900.

In the three southern divisions, where there are comparatively few foreign born, the distribution of males 21 years of age and over among the several color or race, nativity, and parentage groups is not materially different from the corresponding distribution of the total population. (Compare percentages in the last ten columns of Table 36 with percentages in Table 14.) In the North and West, however, chiefly because

of the high proportion of adult males among the foreign-born whites, the distribution of the men of 21 and over among the several classes differs materially from the distribution of the total population. In the New England and Middle Atlantic divisions native whites of native parentage constituted in 1910 not more than two-fifths of the men of 21 and over and only slightly exceeded the foreign-born whites in number. Nearly three-fifths of the total number of men 21 years of age and over in these two divisions were either born abroad or had one or both parents born abroad. In the East North Central, West North Central, Mountain, and Pacific divisions, also, less than half the males of 21 and over were native whites of native parentage.

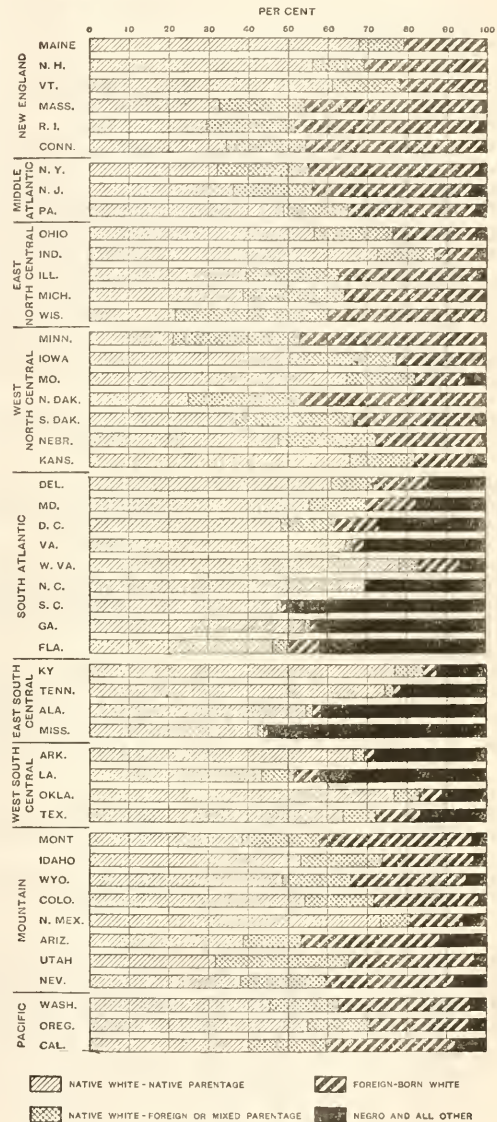
In Massachusetts, Rhode Island, New York, Wisconsin, Minnesota, North Dakota, and Utah less than one-third of the men of 21 and over in 1910 were native whites of native parentage. In each of the states just named except Utah, and also in Connecticut, New Jersey, Illinois, Michigan, Montana, Arizona, and Washington, more than one-third of the total number were foreign-born whites, the proportion in fact exceeding two-fifths in 7 out of the 13 states.

Taking the United States as a whole, the percentage of foreign-born whites in the total male population 21 years of age and over increased from 23.2 in 1900 to 24.6 in 1910. This, however, was the net result of diverse changes in different parts of the country, the changes in some sections being much more pronounced.

In all the New England and Middle Atlantic states there was an increase, and in most cases a marked increase, in the percentage of foreign-born whites in the total male population 21 years of age and over. In New York the percentage increased from 38 in 1900 to 43 in 1910; in Massachusetts, from 40.7 to 44.4; and in Pennsylvania, from 26.7 to 32.1. In three of the East North Central states—Ohio, Indiana, and Illinois—the percentage of foreign-born whites in this class of the population increased; in Michigan and Wisconsin, on the other hand, the percentage decreased. It decreased also in every West North Central state—from 58.3 to 45.8 in North Dakota, from 40.3 to 30.6 in South Dakota, and from 51.5 to 46.4 in Minnesota, the other states of the division showing less striking decreases. The percentage either remained practically stationary or decreased somewhat in every Mountain state except Arizona. In two of the Pacific states, Washington and Oregon, the percentage increased, while in California it declined slightly. In none of the Southern states were the changes in the percentage of foreign-born whites among males 21 years and

over very notable except in West Virginia, where the percentage increased from 5.2 in 1900 to 10.3 in 1910.

COLOR OR RACE, NATIVITY, AND PARENTAGE OF MALES 21 YEARS OF AGE AND OVER: 1910.



[Per cent not shown where base is less than 100.]

Table 36 DIVISION AND STATE.		MALES 21 YEARS OF AGE AND OVER.															
		Total.				White.				Negro.				Indian, Chinese, and Japanese.			
		1910	1900	Increase: 1900-1910 Number.	Per cent.	1910	1900	Per cent of total increase.	1910	1900	Per cent of total increase.	Indian 1910	Chinese 1910	Japanese 1910			
1 United States.....		26,939,151	21,134,299	5,664,852	27.8	29.4	27.8	24,357,514	18,818,697	28.7	2,458,873	2,060,302	19.3	62,967	60,421	56,638	
2 GEOGRAPHIC DIVISIONS:																	
3 New England.....		2,019,696	1,707,955	311,741	18.2	30.8	30.5	1,992,996	1,684,707	18.3	22,674	18,761	17.7	635	3,166	219	
4 Middle Atlantic.....		5,920,501	4,557,812	1,362,689	29.9	30.7	28.5	5,770,811	4,441,289	29.9	138,750	104,567	32.7	2,116	7,506	1,301	
5 East North Central.....		5,694,500	4,624,078	980,422	21.2	30.7	28.9	5,489,013	4,532,027	21.1	107,170	85,382	25.5	4,909	3,026	382	
6 West North Central.....		3,435,637	2,921,551	572,086	19.6	30.0	28.2	3,398,100	2,839,805	19.7	83,219	70,319	18.3	10,348	1,079	865	
7 South Atlantic.....		3,071,428	2,496,785	574,643	23.0	25.2	23.9	2,112,547	1,676,493	26.0	958,364	817,224	16.9	2,001	1,404	106	
8 East South Central.....		2,096,186	1,794,415	301,771	16.8	24.9	23.8	1,452,776	1,227,676	18.4	642,400	566,371	13.4	577	335	22	
9 West South Central.....		2,261,366	1,584,099	677,267	42.8	25.7	24.3	1,755,641	1,183,844	48.3	488,815	385,333	26.8	15,333	1,166	321	
10 Mountain.....		915,558	563,499	359,059	62.1	34.7	33.5	871,401	528,651	68.8	8,992	6,824	31.8	18,454	5,060	9,481	
Pacific.....		1,618,579	884,105	734,774	83.1	38.6	36.6	1,514,229	804,805	83.1	12,629	5,501	118.7	8,594	37,675	43,941	
NEW ENGLAND:																	
11 Maine.....		235,727	217,663	18,064	8.3	31.8	31.3	234,855	216,556	8.3	476	445	7.0	288	101	7	
12 New Hampshire.....		136,608	130,987	5,621	4.3	31.7	31.8	136,393	130,649	4.4	209	230	-13.0	11	63	1	
13 Vermont.....		113,506	108,356	5,150	4.8	31.9	31.5	112,513	108,027	4.2	975	289	237.4	9	8	1	
14 Massachusetts.....		1,021,669	843,465	178,204	21.1	30.3	30.1	1,006,431	850,049	21.2	12,591	10,456	20.4	207	2,310	124	
15 Rhode Island.....		163,834	137,144	26,690	25.9	30.2	29.7	160,412	124,001	29.4	3,067	2,765	10.9	74	253	28	
16 Connecticut.....		347,692	280,340	67,352	24.0	31.2	30.9	342,392	275,126	24.4	4,765	4,576	4.1	46	431	58	
MIDDLE ATLANTIC:																	
17 New York.....		2,836,773	2,184,965	651,808	29.8	31.1	30.1	2,783,371	2,145,657	29.8	45,877	31,425	46.0	1,706	4,817	987	
18 New Jersey.....		774,702	555,608	219,094	39.4	30.5	29.5	744,883	532,750	39.8	28,601	21,474	33.2	73	1,033	132	
19 Pennsylvania.....		2,309,026	1,617,239	691,787	27.1	30.1	28.8	2,245,597	1,760,482	27.2	64,272	51,668	24.4	337	1,656	162	
EAST NORTH CENTRAL:																	
20 Ohio.....		1,484,265	1,212,223	272,042	22.4	31.1	29.2	1,444,477	1,180,599	22.4	39,188	31,235	25.5	41	501	58	
21 Indiana.....		822,434	720,286	102,148	14.2	30.5	28.6	801,431	701,761	14.2	20,651	18,156	13.6	74	243	33	
22 Illinois.....		1,743,182	1,401,456	341,726	24.4	30.9	29.1	1,701,042	1,370,269	24.1	39,993	29,762	34.3	68	1,857	229	
23 Michigan.....		870,876	719,478	151,398	21.0	31.0	29.7	862,222	712,245	21.1	6,266	5,193	20.2	1,125	229	33	
24 Wisconsin.....		683,743	570,715	113,028	19.8	29.3	27.6	679,841	567,213	19.9	1,082	766	7.6	2,601	190	29	
WEST NORTH CENTRAL:																	
25 Minnesota.....		642,669	506,794	135,875	26.8	31.0	28.9	636,903	502,384	26.8	3,390	2,168	56.4	2,075	248	51	
26 Iowa.....		633,672	635,298	-1,626	-0.3	29.8	28.5	657,914	630,065	4.3	5,443	4,441	22.6	205	80	27	
27 Missouri.....		979,062	856,684	116,378	13.6	29.5	27.6	949,480	809,797	13.5	52,921	46,418	14.0	79	499	80	
28 North Dakota.....		173,890	95,217	78,673	62.1	30.1	29.5	171,941	93,257	84.4	311	115	170.4	1,551	35	52	
29 South Dakota.....		178,189	112,621	65,568	58.1	30.5	28.1	172,722	107,353	60.9	341	184	85.3	4,991	96	37	
30 Nebraska.....		353,626	301,091	52,535	17.4	29.7	28.2	348,915	297,817	17.2	3,225	2,398	40.3	835	106	527	
31 Kansas.....		508,529	418,798	94,743	22.9	30.1	28.1	490,225	398,552	23.0	17,588	14,695	19.7	612	13	91	
SOUTH ATLANTIC:																	
32 Delaware.....		61,887	54,018	7,869	14.6	30.6	29.2	52,804	45,992	15.8	9,050	8,374	8.1	.....	29	4
33 Maryland.....		367,908	321,903	46,005	14.3	28.4	27.1	363,561	300,979	16.3	63,963	60,406	5.9	13	359	8	
34 District of Columbia.....		103,761	83,823	19,938	23.8	31.3	30.1	75,765	60,318	25.6	27,621	23,072	19.7	22	312	36	
35 Virginia.....		523,532	447,815	75,717	16.9	25.4	24.2	513,699	301,379	20.7	159,933	146,122	9.2	133	136	11	
36 West Virginia.....		338,349	247,970	90,379	36.4	27.7	26.9	315,498	234,129	35.3	22,757	14,786	53.9	8	84	2	
37 North Carolina.....		506,134	417,578	88,556	21.2	22.9	22.0	457,611	389,263	26.6	146,732	127,114	15.4	1,703	66	2	
38 South Carolina.....		335,046	253,325	81,721	28.3	22.1	21.1	168,769	130,275	27.1	169,155	152,680	10.7	71	49	2	
39 Georgia.....		620,616	500,752	119,864	23.9	23.8	22.6	585,569	477,426	24.4	206,814	223,073	19.6	24	206	3	
40 Florida.....		214,195	139,601	74,594	53.4	28.5	26.4	124,311	77,962	59.5	89,659	61,417	46.0	27	163	34	
EAST SOUTH CENTRAL:																	
41 Kentucky.....		603,544	543,996	59,548	10.9	26.4	25.3	527,661	469,206	12.5	75,694	74,728	1.3	43	42	9	
42 Tennessee.....		522,668	487,380	35,288	13.4	25.3	24.1	433,431	375,046	15.6	119,142	112,296	6.2	46	40	8	
43 Alabama.....		513,111	413,862	99,249	24.0	24.0	22.6	298,943	232,294	28.7	61,923	181,471	17.9	181	57	4	
44 Mississippi.....		426,853	349,177	77,776	22.3	23.8	22.3	192,741	150,580	28.0	238,701	197,696	18.1	302	206	1	
WEST SOUTH CENTRAL:																	
45 Arkansas.....		385,824	313,836	71,988	26.1	25.1	23.9	284,301	226,597	25.5	111,365	87,157	27.8	95	54	9	
46 Louisiana.....		414,919	325,943	88,976	27.3	25.0	24.6	240,001	177,878	34.9	174,211	147,348	18.2	154	441	25	
47 Oklahoma.....		447,266	206,552	240,714	116.5	27.0	26.1	395,377	179,408	120.4	36,841	13,973	163.7	14,880	129	39	
48 Texas.....		1,003,357	377,768	625,589	166.2	25.7	24.2	835,962	599,961	39.3	166,398	136,785	21.6	204	542	248	
MOUNTAIN:																	
49 Montana.....		155,617	101,931	53,686	52.1	41.2	41.9	148,733	94,873	56.8	851	711	19.7	2,766	1,168	1,486	
50 Idaho.....		110,863	53,332	56,931	105.6	34.0	33.3	107,469	50,328	113.5	328	130	152.3	1,039	811	1,206	
51 Wyoming.....		63,201	37,808	25,393	66.8	43.3	41.0	59,698	36,262	64.6	1,325	481	175.5	419	219	1,463	
52 Colorado.....		271,448	185,708	85,940	46.3	34.0	34.4	264,603	181,616	45.7	4,283	3,215	33.2	324	341	2,086	
53 New Mexico.....		94,637	55,067	39,570	71.9	28.9	28.2	88,733	50,804	74.7	644	775	-16.9	4,793	280	287	
54 Arizona.....		74,051	44,681	29,970	68.0	36.2	35.9	65,097	34,911	86.5	764	1,084	-29.5	6,701	1,166	323	
55 Utah.....		104,115	67,172	36,943	55.0	27.9	24.3	100,436	65,205	54.0	568	358	58.7	885	324	1,880	
56 Nevada.....		46,026	17,710	28,316	126.0	48.9	41.8	36,632	14,652	150.0	229	70	.....	1,527	801	782
PACIFIC:																	
57 Washington.....		441,294	195,572	245,722	125.6	38.6	37.7	422,679	183,999	129.7	3,129	1,230	153.7	2,858	2,704	10,185	
58 Oregon.....		257,188	144,446	112,742	78.1	38.2	34.9	249,343	131,261	86.9	766	560	36.8	1,235	6,300	2,454	
59 California.....		920,397	544,687	376,310	69.2	38.7	36.6										

MALES 21 YEARS OF AGE AND OVER.

111

BY DIVISIONS AND STATES: 1910 AND 1900.

A minus sign (-) denotes decrease.]

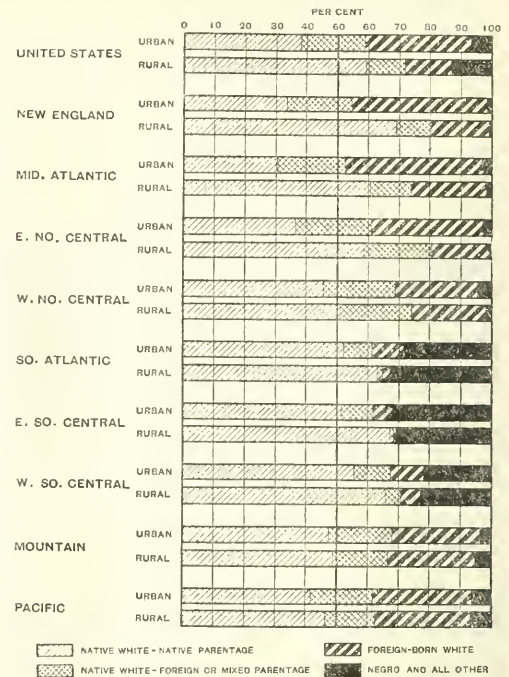
	MALES 21 YEARS OF AGE AND OVER.										PER CENT OF TOTAL.										
	Native white.					Foreign-born white.					Native white.					Foreign-born white.					
	Native parentage.			Foreign or mixed parentage.		1910	1900	Per cent of increase.	1910	1900	Per cent of increase.	White.		Negro.		Native parentage.		Foreign or mixed parentage.		Foreign-born white.	
	1910	1900	Per cent of increase.	1910	1900							Per cent of increase.	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
1	13,211,731	10,589,743	25.0	4,498,988	3,444,684	30.6	8,646,817	4,904,270	35.5	90.2	89.5	9.1	9.7	48.9	50.0	18.7	18.3	24.6	23.2		
2	808,405	788,221	2.6	357,744	298,663	29.8	796,847	597,823	33.3	98.7	98.0	1.1	1.1	40.0	46.1	19.2	17.5	39.5	35.0		
3	2,320,175	1,971,832	17.7	1,178,365	958,532	22.9	2,272,271	1,510,875	50.4	97.5	97.4	2.3	2.3	39.2	43.3	19.9	21.0	38.4	33.1		
4	2,513,162	2,207,411	18.4	1,302,508	1,039,999	25.2	1,573,343	1,284,617	22.5	97.9	98.0	1.9	1.8	46.6	47.7	23.2	22.5	25.1	27.8		
5	1,711,122	1,448,832	18.1	817,570	690,914	36.1	869,408	790,009	10.1	97.3	97.2	2.4	2.4	49.0	49.6	23.4	20.6	29.9	27.0		
6	1,841,213	1,466,826	25.5	120,699	105,444	14.4	150,665	104,183	44.6	68.8	67.1	31.1	32.7	59.9	58.7	3.9	4.2	4.9	4.2		
7	1,337,122	1,111,980	20.2	69,346	67,651	2.5	46,308	47,445	-2.4	69.3	68.4	30.6	31.6	63.8	62.0	3.3	3.8	2.2	2.6		
8	1,428,856	943,578	51.4	154,845	109,035	42.0	171,940	130,931	31.3	77.6	74.7	21.6	24.3	63.2	69.6	6.8	6.9	7.6	8.3		
9	442,848	237,597	71.9	171,016	106,182	61.0	257,377	164,882	56.2	55.4	93.8	1.0	1.2	48.5	45.7	18.7	18.8	28.2	29.3		
10	708,828	373,066	90.0	296,903	158,214	87.7	508,498	273,525	85.9	93.5	91.0	0.7	0.6	43.8	42.2	18.3	17.9	31.4	30.9		
11	159,769	157,377	1.5	26,622	20,964	27.0	48,464	38,515	25.8	99.6	99.6	0.2	0.2	67.8	72.3	11.3	9.6	20.6	17.7		
12	76,639	82,383	-7.0	17,798	13,496	31.9	41,956	34,769	20.7	99.8	99.7	0.1	0.2	56.1	62.9	13.0	10.3	30.7	26.5		
13	69,387	68,857	0.8	19,367	18,324	5.7	23,759	20,846	14.0	99.1	99.7	0.9	0.3	61.1	63.5	17.1	16.9	20.9	19.2		
14	334,346	320,943	4.2	218,434	165,384	31.9	453,601	343,522	32.0	98.5	98.4	1.2	1.2	32.7	38.1	21.4	19.5	44.4	40.7		
15	48,513	44,893	8.1	36,900	25,340	42.1	55,899	33,768	41.2	97.9	97.5	1.9	2.2	29.6	35.3	22.0	19.9	46.3	43.0		
16	119,751	113,768	5.3	69,473	54,955	26.4	153,168	106,403	44.0	98.6	98.1	1.4	1.6	34.4	40.6	20.0	19.6	44.1	38.3		
17	909,494	782,487	16.2	652,864	533,096	22.5	1,221,013	829,474	47.2	98.1	98.2	1.6	1.4	32.1	35.8	23.0	24.4	43.0	38.0		
18	281,260	224,644	25.2	153,926	111,608	38.0	309,648	196,598	57.5	96.1	95.9	3.7	3.9	36.3	40.4	19.9	20.1	40.0	35.4		
19	1,212,412	964,751	17.1	371,575	313,928	18.4	741,610	484,803	53.0	97.1	97.0	2.8	2.8	48.9	53.1	16.1	17.3	32.1	26.7		
20	841,556	697,956	20.6	294,443	256,955	14.6	308,478	225,688	36.7	97.3	97.4	2.6	2.6	56.7	57.6	19.8	21.2	20.8	18.6		
21	596,119	517,446	15.2	116,385	111,228	4.6	88,927	73,087	21.7	97.4	97.4	2.5	2.5	72.5	71.8	14.2	15.4	10.8	10.1		
22	689,200	580,773	17.5	407,318	316,313	28.8	604,524	467,123	29.4	97.6	97.8	2.3	2.1	39.5	41.9	23.4	22.6	34.7	33.3		
23	337,631	283,283	17.1	222,334	182,537	36.8	302,177	261,415	15.6	99.0	99.0	0.7	0.7	38.8	40.1	25.5	22.6	34.7	36.3		
24	148,636	116,943	27.1	261,968	192,966	35.8	269,237	257,304	4.6	99.4	99.4	0.2	0.2	21.7	20.5	38.3	33.8	39.4	45.1		
25	135,494	104,577	29.6	203,127	137,054	48.2	298,282	260,753	14.4	99.1	99.1	0.5	0.4	21.1	20.6	31.6	27.0	46.4	51.5		
26	333,621	321,513	3.8	177,413	151,246	17.3	146,880	157,906	-7.0	99.1	99.3	0.8	0.7	50.3	50.6	26.7	23.8	22.1	24.9		
27	630,878	551,438	14.4	167,198	145,876	14.6	121,404	112,483	7.9	94.5	94.5	5.4	5.4	64.8	64.4	17.2	17.0	12.5	13.1		
28	43,358	19,777	119.2	45,862	17,802	172.9	79,721	55,558	43.5	98.9	97.9	0.2	0.1	24.9	20.8	28.1	18.3	45.3	58.3		
29	65,769	58,581	12.4	52,455	26,520	97.6	64,528	45,446	20.0	96.9	95.3	0.2	0.2	36.9	31.4	29.4	23.5	30.6	40.3		
30	168,559	147,508	14.3	86,011	59,384	44.8	94,345	90,925	3.8	98.7	98.9	0.9	0.8	47.7	49.0	24.3	19.7	26.7	30.2		
31	333,443	268,668	24.1	82,534	62,926	31.2	74,248	66,938	10.9	96.4	96.3	3.5	3.6	65.6	64.9	16.2	15.2	14.6	16.2		
32	37,677	33,270	13.2	6,351	5,575	13.9	8,776	6,747	30.1	85.3	84.4	14.6	15.5	60.9	61.6	10.3	10.3	14.2	12.5		
33	203,284	172,003	18.2	52,304	46,965	11.4	47,973	42,011	14.2	82.5	81.1	17.4	18.8	55.3	53.4	14.2	14.6	13.0	13.1		
34	49,949	39,557	26.3	14,078	11,161	26.1	11,738	9,600	22.3	73.0	72.0	25.6	27.5	48.1	47.2	13.6	15.3	11.3	11.5		
35	338,098	280,831	20.4	10,979	9,413	13.4	14,882	11,083	34.3	69.5	67.3	30.5	32.6	64.6	62.7	2.0	2.1	8.0	2.5		
36	264,694	205,216	29.0	16,117	15,055	7.2	34,687	12,878	169.4	93.2	94.0	6.7	6.0	78.2	82.8	4.8	6.1	10.3	5.2		
37	322,032	284,601	23.7	2,283	2,211	3.3	3,296	2,451	34.5	70.7	69.3	29.0	30.4	69.6	68.2	0.5	0.5	0.7	0.6		
38	193,009	124,097	56.4	3,403	3,299	3.2	3,355	2,979	12.6	69.5	46.0	50.5	54.0	47.5	43.8	1.0	1.2	1.0	1.1		
39	337,207	263,929	27.8	7,789	6,860	13.5	8,313	6,707	26.9	57.0	55.4	43.0	44.5	54.3	52.7	1.3	1.4	1.4	1.3		
40	99,203	63,272	56.8	7,963	4,965	54.3	17,445	9,725	79.4	58.0	55.8	41.9	44.0	46.3	45.3	3.6	3.6	8.1	7.0		
41	464,524	402,244	15.5	42,697	41,823	2.1	20,440	25,139	-18.7	87.4	86.3	12.5	13.7	77.0	73.9	7.1	7.7	3.4	4.6		
42	411,200	353,821	16.3	12,119	11,916	1.7	10,112	9,509	6.3	78.4	77.0	21.6	23.0	74.4	72.6	2.2	2.4	1.8	2.0		
43	279,957	216,050	29.6	8,465	8,162	3.7	10,521	8,082	30.2	58.3	56.1	41.7	43.8	54.6	52.2	1.6	2.0	2.1	2.0		
44	181,441	140,065	29.5	6,065	5,750	5.5	5,235	4,715	11.0	45.1	43.1	54.7	56.7	62.5	40.1	1.4	1.6	1.2	1.4		
45	263,215	208,967	26.0	11,968	9,352	21.6	9,718	8,278	17.4	71.8	72.2	28.1	27.8	66.5	66.6	2.9	3.0	2.5	2.6		
46	179,778	121,556	48.1	33,704	31,182	8.1	26,519	25,369	4.7	57.8	54.6	42.0	45.2	43.3	37.2	8.1	9.0	4.4	7.8		
47	345,399	258,027	35.0	28,427	15,175	48.4	23,551	11,540	104.4	88.4	86.9	8.2	8.8	76.8	74.9	6.4	6.4	5.3	5.6		
48	642,464	458,963	40.0	81,346	55,325	47.0	112,152	85,773	30.8	83.3	81.3	16.6	18.6	64.0	62.2	8.1	7.5	11.2	11.6		
49	58,677	35,130	69.8	29,763	19,760	50.6	59,313	39,983	48.3	95.9	93.1	0.5	0.7	38.5	34.5	19.2	19.4	38.3	39.2		
50	59,578	25,786	128.7	22,647	11,051	104.9	25,844	13,491	91.6	96.9	93.3	0.3	0.2	53.2	47.8	20.4	20.5	23.3	25.0		
51	30,708	18,012	70.5	10,729	7,639	40.5	18,263	10,611	72.1	94.5	95.7	2.1	1.3	48.6	47.6	17.0	20.2	28.9	28.0		
52	147,365	99,563	47.9	45,821	30,891	51.6	50,514	51,162	37.8	97.4	97.8	1.6	1.4	54.2	53.8	17.2	16.9	28.0	27.5		
53	69,289	39,171	76.9	6,842	4,382	58.4	7,251	72.4	98.8	92.3	0.7	1.4	73.2	71.1	7.3	8.0	13.2	13.2			
54	28,752	16,183	77.7	10,663	6,567	62.4	25,682	12,161	111.2	87.9	79.2	1.0	2.5	38.8	36.7	14.4	14.9	34.			

Urban and rural communities.—Table 37 shows, for each geographic division, the number of males 21 years of age and over in 1910 in urban and rural communities, respectively, classified according to color or race, nativity, and parentage. The percentages formed by the several classes of population are also shown graphically in the accompanying diagram.

In the United States as a whole males 21 years of age and over formed a larger proportion of the total population in 1910 in urban than in rural communities, but the opposite was the case in the New England, Middle Atlantic, and Mountain divisions.

In the urban communities of the United States as a whole in 1910, only 38.2 per cent of the males 21 years of age and over were native whites of native parentage, while 34.3 per cent were foreign-born whites and 20.8 per cent native whites of foreign or mixed parentage; thus considerably over one-half of the total either were born abroad or had one or both parents born abroad. In rural communities, on the other hand, nearly three-fifths (59.4 per cent) of the males of 21 years and over were native whites of native parentage, only 27.7 per cent being foreign-born whites and native whites of foreign or mixed parentage. In the Middle Atlantic and New England divisions the proportion of native whites of native parentage among males of 21 years and over in urban communities was especially low (30.2 and 33.7 per cent, respectively), and the proportion of foreign-born whites especially high (44.2 and 44 per cent, respectively).

DISTRIBUTION OF MALES 21 YEARS OF AGE AND OVER IN URBAN AND RURAL COMMUNITIES: 1910.



MALES 21 YEARS OF AGE AND OVER IN URBAN AND RURAL COMMUNITIES, BY DIVISIONS: 1910.

DIVISION AND CLASS OF COMMUNITY.	MALES 21 YEARS OF AGE AND OVER.							PER CENT OF TOTAL.						
	Total.	Per cent of total population.	White.	Negro.	Indian, Chinese, Japanese, and all other.	Native white.		Foreign-born white.	White.	Negro.	Indian, Chinese, Japanese, and all other.	Native white.		Foreign-born white.
						Native parentage.	Foreign or mixed parentage.					Native parentage.	Foreign or mixed parentage.	
United States	26,999,151	29.4	24,357,514	2,458,873	182,764	13,211,731	4,498,366	6,646,617	90.2	9.1	0.7	48.9	16.7	24.6
Urban	13,341,135	31.3	12,453,858	811,945	75,332	6,032,259	2,779,541	4,582,058	93.3	6.1	0.6	38.2	20.8	34.3
Rural	13,558,016	27.7	11,903,656	1,646,928	107,432	8,119,472	1,719,425	2,064,759	87.2	12.1	0.8	59.4	12.6	15.1
NEW ENGLAND	2,019,096	30.8	1,992,996	22,074	4,026	808,405	387,744	796,847	98.7	1.1	0.2	40.0	19.2	39.5
Urban	1,658,155	31.8	1,634,415	23,740	3,772	672,190	329,190	685.6	1.2	0.2	35.7	20.9	45.0	
Rural	860,941	32.9	358,583	1,904	454	240,328	41,598	67,657	99.3	0.5	0.1	69.1	11.5	18.7
MIDDLE ATLANTIC	5,920,501	30.7	5,770,811	138,750	10,940	2,320,175	1,178,365	2,272,271	97.5	2.3	0.2	39.2	19.9	38.4
Urban	4,177,617	30.4	4,055,787	113,137	8,693	1,263,179	944,316	1,848,292	97.1	2.7	0.2	30.2	22.6	44.2
Rural	1,742,884	31.2	1,715,024	25,613	2,247	1,056,996	234,049	423,979	98.4	1.5	0.1	60.6	13.4	24.3
EAST NORTH CENTRAL	5,694,500	30.7	5,489,013	107,170	8,317	2,613,162	1,302,508	1,573,343	97.9	1.9	0.1	46.6	23.2	28.1
Urban	3,042,818	31.6	2,955,156	83,991	3,671	1,115,297	742,534	1,077,325	97.1	2.8	0.1	36.7	24.4	36.1
Rural	2,651,682	29.7	2,533,857	23,179	4,646	1,497,865	559,974	476,018	98.9	0.9	0.2	58.5	21.9	18.6
WEST NORTH CENTRAL	3,493,637	30.0	3,398,100	83,219	12,318	1,711,122	817,570	809,408	97.3	2.4	0.4	49.0	23.4	29.1
Urban	1,367,791	32.7	1,206,907	58,938	1,856	679,723	294,015	332,239	95.2	4.6	0.1	45.7	23.3	26.2
Rural	2,225,846	28.2	2,191,133	24,281	10,432	1,131,399	522,655	537,079	98.4	1.1	0.5	50.8	23.5	24.1
SOUTH ATLANTIC	3,671,428	25.2	2,112,547	955,364	3,517	1,841,213	120,669	150,665	68.8	31.0	0.1	59.9	3.9	4.9
Urban	892,835	28.9	641,383	250,033	1,369	466,228	83,620	91,535	71.8	28.0	0.2	52.2	9.4	10.3
Rural	2,778,593	23.9	1,471,164	705,231	2,148	1,374,985	37,049	59,130	67.5	32.4	0.1	63.1	1.7	2.7
EAST SOUTH CENTRAL	2,096,186	24.9	1,452,776	642,460	950	1,337,122	69,349	46,308	69.3	30.6	(1)	63.8	3.3	2.2
Urban	460,715	29.3	314,122	146,539	254	237,209	47,547	29,366	68.2	31.8	0.1	53.5	10.3	6.4
Rural	1,635,471	23.9	1,138,654	496,121	696	1,099,913	21,799	16,942	69.6	30.3	(1)	67.3	1.3	1.0
WEST SOUTH CENTRAL	2,261,366	25.7	1,755,641	488,815	16,910	1,428,856	154,845	171,940	77.6	21.6	0.7	63.2	6.8	7.6
Urban	589,580	30.1	463,584	123,640	2,086	329,121	68,616	66,117	78.7	21.0	0.4	55.8	11.6	11.2
Rural	1,671,786	24.9	1,291,787	365,175	14,824	1,099,735	86,229	105,233	77.3	21.8	0.9	65.8	5.2	6.3
MOUNTAIN	915,558	34.7	871,401	8,992	33,165	442,848	171,016	257,337	95.4	1.0	3.6	48.5	18.7	28.2
Urban	327,456	34.6	315,368	6,010	6,078	155,739	67,451	92,118	96.3	1.8	1.9	47.6	20.6	28.1
Rural	588,102	34.8	556,033	2,982	27,087	287,049	103,565	165,419	94.9	0.4	4.6	49.2	17.7	28.2
PACIFIC	1,618,879	38.6	1,514,229	12,029	92,621	708,828	296,903	508,986	93.5	0.7	5.7	43.8	18.3	31.4
Urban	924,168	38.8	896,808	9,637	47,723	386,626	184,396	295,786	93.8	1.0	3.2	41.8	20.0	32.0
Rural	694,711	38.4	647,421	2,392	44,898	322,202	112,507	212,712	93.2	0.3	6.5	46.4	16.2	30.6

¹ Less than one-tenth of 1 per cent

Principal cities.—Statistics regarding males 21 years of age and over in cities of 100,000 inhabitants or more in 1910 are presented in Table 38, and similar statistics in somewhat less detail for cities having from 25,000 to 100,000 inhabitants are presented in Table 39.

Among the cities of 100,000 inhabitants or more in 1910 there were seven in which males 21 years of age and over formed more than 35 per cent of the total population, namely, Kansas City, Mo., Los Angeles, Oakland, Portland, Oreg., San Francisco, Seattle, and Spokane. In New York City the percentage was 30.1, and in no city did the percentage fall below 26.

Foreign-born whites constituted at least one-half of the males 21 years of age and over in 1910 in Bridgeport, Chicago, Cleveland, Detroit, Fall River (63.8 per cent), the highest for any city of 100,000 inhabitants or more), Lowell, New York City (57.8 per cent), Paterson, and Worcester. On the other hand, native whites of native percentage formed less than one-fifth of the total number in Chicago, Fall River (11.3 per cent), Lowell, Milwaukee, New York City (16 per cent), and Paterson. The percentage of native whites of foreign or mixed parentage was especially high in Buffalo, Cincinnati, Milwaukee, Rochester, St. Louis, and St. Paul.

MALES 21 YEARS OF AGE AND OVER IN CITIES OF 100,000 INHABITANTS OR MORE: 1910 AND 1900.

CITY.	MALES 21 YEARS OF AGE AND OVER.												PER CENT OF TOTAL: 1910				
	Total.		Per cent of total population.	Native white.								Indian, Chinese, Japanese and all other: 1910	Native white.		Foreign-born white.	Negro.	
	1910	1900		Native percentage.		Foreign or mixed percentage.		Foreign-born white.		Negro.			Native percentage.	Foreign or mixed percentage.			
			1910	1900	1910	1900	1910	1900	1910	1900							
Albany, N. Y.	32,000	28,410	31.4	30.2	11,959	9,663	11,435	10,478	8,192	7,708	379	490	35	37.4	35.7	25.6	1.2
Albany, Ga.	44,510	53,183	28.7	25.8	26,625	12,932	1,665	1,055	2,287	1,258	13,365	7,896	68	59.8	3.7	5.1	31.2
Baltimore, Md.	163,554	141,271	29.3	27.8	68,492	57,502	34,905	31,997	33,638	29,515	26,214	21,806	315	41.9	21.3	20.6	16.0
Birmingham, Ala.	40,699	12,246	30.7	31.9	19,493	8,225	1,811	752	2,944	973	16,441	4,689	10	47.9	4.4	7.2	40.4
Boston, Mass.	208,321	176,068	31.1	31.4	47,896	47,733	41,701	41,701	103,160	81,058	5,070	4,441	1,146	22.9	24.5	49.5	2.4
Bridgeport, Conn.	32,991	21,952	32.3	30.9	8,402	6,516	6,945	5,066	17,114	9,943	471	357	59	25.5	21.1	51.9	1.4
Buffalo, N. Y.	128,131	97,938	32.0	27.8	30,517	20,415	40,446	31,903	56,337	44,869	740	632	93	23.8	31.6	44.0	0.6
Cambridge, Mass.	50,262	29,564	28.9	29.2	7,048	7,636	7,093	5,985	14,636	12,004	1,884	1,131	101	32.3	23.4	48.4	4.6
Chicago, Ill.	700,590	511,948	32.1	30.1	125,703	103,674	175,307	121,894	379,850	271,902	17,845	12,414	1,795	17.9	25.0	54.2	2.5
Cincinnati, Ohio.	113,919	92,799	31.3	28.5	37,419	22,314	42,366	38,628	26,723	26,844	7,387	4,997	24	23.8	37.2	23.5	6.5
Cleveland, Ohio.	177,386	111,522	31.6	29.2	36,358	23,637	43,058	28,441	94,431	56,973	3,298	2,368	241	20.5	24.3	53.2	1.9
Columbus, Ohio.	60,071	33,315	31.5	29.1	38,099	22,238	11,244	8,338	17,170	12,680	5,728	1,955	49	33.3	18.4	23.9	8.3
Dayton, Ohio.	38,236	25,746	32.8	30.2	21,281	12,934	7,848	6,828	7,303	4,790	1,781	1,124	23	55.7	20.5	19.1	4.7
Deaver, Colo.	13,990	42,712	32.7	31.9	34,118	20,877	15,934	8,426	19,204	11,778	1,999	1,331	735	47.4	22.1	26.7	2.8
Detroit, Mich.	150,017	78,855	32.2	27.6	32,653	15,839	39,761	21,426	75,323	40,216	2,224	1,372	56	21.8	26.5	50.2	1.5
Fall River, Mass.	31,647	26,842	26.5	25.6	3,561	3,582	7,699	5,379	20,181	17,732	1,323	71	73	11.3	24.3	63.8	0.4
Grand Rapids, Mich.	34,295	24,946	30.5	28.4	11,792	8,279	8,527	5,745	13,689	10,383	264	192	24	34.4	24.9	39.9	0.8
Indianapolis, Ind.	76,743	52,544	32.8	31.1	45,885	27,999	13,149	10,987	10,407	8,655	5,200	46	59.4	39.4	17.1	13.6	9.8
Jersey City, N. J.	80,866	60,315	30.2	29.2	17,336	15,144	25,774	18,300	37,707	27,104	2,194	1,260	145	37.7	32.2	46.8	2.6
Kansas City, Mo.	87,457	53,708	35.2	32.8	51,616	29,881	13,601	8,761	13,652	9,183	9,101	5,797	57	59.0	15.6	14.9	10.4
Los Angeles, Cal.	114,889	33,099	36.0	32.2	57,829	16,024	20,228	5,765	29,576	8,818	2,571	632	4,685	50.3	17.6	25.7	2.2
Louisville, Ky.	47,676	39,561	30.2	29.1	28,556	20,921	11,390	16,175	8,334	10,047	18,687	9	42.0	35.4	13.3	20.2	
Lowell, Mass.	11,800	27,059	29.4	28.5	5,859	6,259	7,196	5,392	18,191	15,905	44	47	10	18.7	22.9	58.1	0.1
Memphis, Tenn.	44,309	31,405	33.3	30.7	19,781	11,172	8,347	3,256	3,403	2,697	17,938	14,251	40	44.6	8.7	7.7	38.9
Milwaukee, Wis.	113,106	75,020	32.3	29.3	15,436	7,872	41,114	26,313	56,101	40,455	2,396	355	59	13.6	36.3	49.6	0.4
Minneapolis, Minn.	105,305	63,711	34.9	31.4	31,749	18,401	27,053	14,422	45,159	30,227	1,227	637	117	30.1	25.7	42.9	1.2
Nashville, Tenn.	30,774	22,191	27.9	27.4	17,422	11,178	2,196	2,061	1,435	1,457	9,713	7,476	8	56.6	7.1	4.7	31.6
New Haven, Conn.	40,510	32,566	30.3	30.1	10,853	10,990	9,186	7,582	19,194	13,030	1,191	863	86	26.8	22.7	47.4	2.9
New Orleans, La.	86,997	75,440	28.6	26.3	35,707	18,910	24,134	22,689	13,386	15,605	25,268	19,309	341	34.8	24.9	59.0	28.1
New York, N. Y.	1,433,749	1,007,670	30.1	29.3	229,362	178,900	339,611	264,205	828,793	539,746	30,555	15,651	5,128	16.0	23.7	57.8	2.2
Manhattan Borough.	727,655	655,725	31.2	29.9	99,174	85,350	142,087	123,061	491,247	324,661	21,879	11,659	3,825	15.6	19.6	68.4	2.9
Brooklyn Borough.	126,935	87,925	29.8	28.5	46,962	30,069	57,666	47,670	63,679	39,346	1,269	737	187	21.4	29.2	64.4	1.4
Brooklyn Borough.	470,586	532,715	28.6	28.5	89,758	70,794	127,157	99,883	248,544	155,600	7,011	5,275	922	18.4	27.0	62.8	1.6
Queens Borough.	82,373	43,170	29.8	28.6	16,724	8,461	26,806	12,503	38,850	21,883	569	681	134	20.3	31.8	46.6	1.2
Richmond Borough.	28,800	20,557	30.8	29.2	7,223	5,766	9,905	6,345	11,977	8,793	357	300	68	27.3	28.1	45.2	1.3
Newark, N. J.	103,234	70,558	29.7	27.7	24,386	17,656	25,393	19,195	49,674	31,483	3,015	1,966	221	23.6	25.1	48.1	2.9
Oakland, Cal.	53,967	20,851	35.9	31.1	17,046	6,987	12,783	4,863	19,349	7,701	1,288	355	3,566	31.6	23.7	33.8	2.3
Omaha, Neb.	43,216	34,630	34.8	33.8	17,601	15,002	9,574	6,883	13,788	11,283	1,835	1,257	68	40.7	22.7	31.9	4.4
Paterson, N. J.	36,873	29,048	29.4	28.2	7,115	5,744	8,048	6,923	20,132	16,475	452	356	77	19.3	24.5	54.7	1.2
Philadelphia, Pa.	468,813	336,953	30.3	29.9	160,396	141,741	112,186	96,070	167,072	127,915	28,120	20,095	1,039	34.2	33.9	35.6	6.0
Pittsburgh, Pa.	166,424	136,421	31.2	30.2	45,933	37,060	40,737	35,507	70,148	55,958	9,362	7,719	244	27.6	24.5	42.2	5.6
Portland, Oreg.	38,908	38,353	42.9	42.4	41,408	13,856	15,283	6,312	25,230	9,986	1,525	388	6,462	46.6	17.2	28.4	0.6
Providence, R. I.	63,983	53,131	30.8	30.3	17,920	16,755	16,192	11,759	32,863	28,922	1,765	1,500	243	26.0	23.5	47.6	2.6
Richmond, Va.	37,204	23,436	29.2	27.6	19,551	11,799	2,320	1,745	2,040	1,401	13,279	8,472	14	52.6	6.2	5.5	35.7
Rochester, N. Y.	69,544	45,895	31.9	29.7	20,467	12,459	21,683	15,508	27,067	17,242	305	175	42	29.4	31.2	38.9	0.4
St. Louis, Mo.	221,913	171,795	32.3	29.9	67,002	42,588	74,623	61,948	63,440	55,223	16,381	11,727	467	30.2	33.6	28.6	7.4
St. Paul, Minn.	72,073	51,027	33.6	31.3	19,559	13,102	22,832	14,407	29,048	22,435	1,573	1,051	61	25.8	31.7	40.3	2.2
San Francisco, Cal.	175,931	128,988	42.2	37.6	41,019	27,170	45,740	33,579	75,758	56,102	531	619	10,993	43.7	24.6	43.1	0.5
Scranton, Pa.	37,659	28,075	28.5	27.5	8,759	6,170	10,617	8,036	17,461	13,629	216	207	6	23.6	28.6	47.1	0.6
Seattle, Wash.	101,659	30,503	42.9	49.0	41,632	19,634	17,323	5,442	36,097	11,521	1,204	169	5,429	40.9	17.0	35.5	1.2
Spokane, Wash.	40,254	14,944	38.6	40.4	18,983	7,259	8,147	2,857	12,398	4,324	305	169	520	46.9	20.2	30.8	0.8
Syracuse, N. Y.	44,713	32,499	32.6	30.0	17,377	11,826	11,940	9,883	14,944	10,404	437	356	15	38.9	26.7	33.4	1.0
Toledo, Ohio.	52,748	38,257	31.3	30.1	21,209	13,919	14,935	10,859	15,826	12,843	719	606	20	40.2	28.4	30.0	1.4
Washington, D. C.	103,761	53,823	31.3	30.1	49,949	39,557	14,078	11,161	11,738	9,600	27,621	23,072	375	48.1	13.6	11.3	26.6
Worcester, Mass.	45,601	35,743	31.2	30.2	12,943	11,319	9,988	7,441	22,816	16,541	354	339	70	27.1	21.9	50.0	0.8

1 Includes population of Allegheny for 1900.

MALES 21 YEARS OF AGE AND OVER, WITH CITIZENSHIP OF FOREIGN-BORN WHITES, IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Continued.

Table 39—Continued.

CITY.	MALES 21 YEARS OF AGE AND OVER.										PER CENT OF TOTAL: 1910				FOREIGN-BORN WHITE MALES 21 YEARS OF AGE AND OVER: 1910			
	Total.		Native white: 1910		Foreign-born white: 1910	Negro: 1910	Indian, Chinese, Japanese, and all other: 1910	Native white.			Negro.	Naturalized.	Having first papers.	Alien.	Citizenship not reported.			
	1910	1900	Native parent-age.	Foreign or mixed parent-age.				Native parent-age.	Foreign or mixed parent-age.	Foreign-born white.								
Massachusetts—Continued.																		
Malden	12,218	9,496	4,379	2,296	6,404	119	20	35.8	18.8	44.2	1.0	2,941	536	1,739	188			
New Bedford	28,203	17,162	5,778	4,353	17,151	934	47	20.4	15.4	60.7	3.3	5,441	738	10,084	838			
Newton	10,817	9,265	4,615	2,011	4,061	100	30	42.7	18.6	37.5	0.9	1,829	310	1,689	233			
Pittsfield	10,236	6,187	3,926	2,085	2,176	103	36	38.5	29.2	31.0	1.0	1,549	135	1,353	129			
Quincy	9,820	6,916	2,787	1,997	4,996	15	25	28.4	20.3	50.9	0.2	2,367	527	1,922	180			
Salem	12,620	10,097	3,869	2,980	5,696	53	31	30.6	23.0	45.1	0.4	2,443	221	2,298	234			
Somerville	22,883	18,148	9,228	4,728	8,214	54	61	40.3	20.7	38.5	0.2	4,263	671	3,460	478			
Springfield	27,360	18,473	10,908	6,508	4,942	450	34	35.9	22.0	35.3	1.5	4,132	112	4,020	448			
Taunton	10,236	9,215	3,611	2,421	4,206	91	7	34.3	23.7	41.1	0.9	1,500	117	1,300	333			
Waltham	7,952	6,669	3,015	1,834	3,068	9	26	37.9	23.1	38.6	0.1	1,525	216	1,146	151			
Michigan																		
Battle Creek	8,429	5,798	5,569	1,396	1,259	197	8	66.1	16.6	14.9	2.3	570	64	324	301			
Bay City	12,654	7,269	3,900	4,376	5,213	62	3	23.7	34.6	41.2	0.5	4,009	262	634	308			
Flint	15,107	4,927	7,741	3,582	3,628	147	9	51.2	23.7	24.0	1.0	1,579	190	1,719	134			
Jackson	10,768	8,211	4,857	3,461	4,342	155	11	55.3	22.0	18.3	1.4	1,180	110	612	271			
Kalamazoo	12,588	7,461	6,614	2,662	3,149	254	9	61.7	21.1	25.0	2.0	1,505	134	719	79			
Lansing	10,757	4,964	6,522	2,109	2,006	113	6	60.6	19.6	18.6	1.1	1,029	130	610	230			
Saginaw	15,347	11,838	4,326	5,303	5,584	127	7	28.2	34.6	36.4	0.8	3,799	197	717	902			
Minnesota																		
Duluth	30,066	18,937	5,864	6,301	17,663	198	40	19.5	21.0	58.7	0.7	8,359	2,172	4,774	2,358			
Missouri																		
Joplin	9,921	8,300	8,131	978	525	282	5	82.0	9.9	5.3	2.8	350	18	53	104			
St. Joseph	26,051	34,374	16,756	4,401	4,281	1,698	16	60.5	16.9	16.4	6.1	2,256	305	956	764			
Springfield	10,516	6,469	8,183	1,107	638	583	.....	77.9	10.5	6.1	5.5	364	16	31	227		
Montana																		
Butte	16,037	13,387	4,170	3,677	7,825	117	248	26.0	22.9	48.8	0.7	4,662	786	1,657	720			
Nebraska																		
Lincoln	13,923	12,528	8,122	2,386	3,101	302	12	58.3	17.1	22.3	2.2	1,372	603	610	316			
South Omaha	8,677	9,880	2,935	1,509	4,377	313	175	26.5	17.4	50.4	3.6	1,956	863	1,302	456			
New Hampshire																		
Manchester	19,730	15,395	4,768	3,444	11,486	13	19	24.2	17.5	58.2	0.1	4,566	442	4,845	1,633			
Nashua	7,763	6,706	2,672	1,353	3,748	5	5	34.4	17.2	48.3	0.1	1,190	75	2,199	284			
New Jersey																		
Atlantic City	15,625	9,368	7,056	1,748	2,986	3,756	70	45.2	11.2	19.2	24.0	1,170	312	822	692			
Bayonne	16,453	9,305	2,748	3,396	10,139	166	34	16.7	20.6	61.4	1.0	3,364	718	5,290	736			
Canton	28,296	22,249	14,574	5,053	7,397	1,045	57	49.9	17.5	25.7	6.7	3,041	586	2,952	918			
East Orange	9,764	5,774	5,106	2,132	2,079	423	25	62.3	21.8	21.3	4.3	1,187	121	436	335			
Elizabeth	22,605	15,191	4,979	5,488	11,718	400	26	22.0	24.3	51.8	1.8	5,036	1,077	4,572	1,028			
Hoboken	22,520	17,083	3,138	5,559	15,562	39	42	14.1	24.8	62.8	0.2	5,799	1,447	5,258	1,084			
Orange	8,493	6,649	2,019	2,073	3,660	720	21	23.8	24.4	43.1	8.5	1,822	324	1,191	323			
Passaic	14,924	7,552	1,961	1,961	10,920	156	26	12.5	13.1	73.2	1.0	2,967	747	5,231	1,975			
Perth Amboy	9,994	5,782	1,416	1,316	7,201	50	11	14.2	13.2	72.1	0.5	2,231	459	3,193	568			
Union	11,353	22,110	11,629	5,479	12,638	1,124	33	37.3	17.6	41.5	3.6	5,253	943	5,736	1,006			
West Hoboken town.	10,273	6,403	1,279	2,774	6,177	20	23	12.5	27.0	60.0	0.2	2,905	759	1,728	755			
New York																		
Amsterdam	9,501	6,009	3,031	1,739	4,691	33	7	31.9	18.3	49.4	0.3	1,808	252	2,310	321			
Auburn	11,949	10,084	4,875	3,060	3,783	213	13	40.8	25.6	31.7	1.8	1,743	209	1,680	156			
Binghamton	15,665	12,189	9,490	2,644	3,120	243	8	66.4	16.9	21.1	1.0	1,260	238	1,060	752			
Elmira	11,991	11,349	6,888	2,705	2,494	183	11	55.0	22.6	20.8	1.5	1,648	94	969	83			
Jamestown	10,023	6,738	3,201	1,747	5,035	39	1	31.9	17.4	50.2	0.4	2,741	453	1,985	746			
Kingston	7,558	6,804	3,769	2,003	1,587	197	2	49.9	26.5	21.0	2.6	955	82	1,052	198			
Mount Vernon	8,894	5,755	2,849	2,136	3,012	236	21	32.2	24.1	40.8	2.7	1,950	341	1,159	171			
New Rochelle	8,842	4,454	5,807	2,039	1,903	297	6	35.9	22.8	35.3	0.7	1,937	119	1,359	139			
Newburgh	8,471	7,056	3,925	2,106	2,241	189	10	43.6	24.9	26.5	2.2	1,126	109	650	457			
Niagara Falls	10,352	6,478	2,397	2,073	5,755	118	4	23.2	20.1	55.6	1.1	2,082	373	2,892	408			
Poughkeepsie	8,632	7,190	4,374	1,939	2,122	211	6	50.4	22.7	24.4	2.4	994	130	457	111			
Schenectady	25,473	11,683	9,490	3,769	9,563	85	58	58.8	18.3	38.8	0.3	3,836	741	4,077	894			
Troy	22,483	17,038	8,007	7,682	6,554	226	14	35.6	34.2	29.2	1.0	4,388	186	1,419	561			
Utica	22,679	16,216	6,902	6,300	9,341	135	1	30.4	27.8	41.2	0.6	4,326	542	3,662	811			
Waterson	8,381	6,782	4,077	1,673	2,798	30	6	47.5	19.5	32.6	0.3	1,050	151	1,255	369			
Yonkers	23,553	13,885	5,464	5,215	12,253	501	58	23.2	22.2	52.2	2.1	5,629	1,110	6,600	496			
North Carolina																		
Charlotte	9,025	4,557	5,820	162	240	2,801	2	64.5	1.8	2.7	31.0	100	28	51	61			
Wilmington	7,129	5,373	3,566	229	250	3,066	9	50.0	3.2	3.6	43.0	142	9	38	70			
Ohio																		
Akron	23,767	12,630	11,931	4,541	7,951	238	6	50.2	19.1	29.7	1.0	2,459	317	3,198	1,677			
Canton	16,874	8,818	8,548	3,178	5,010	129	9	50.7	18.8	29.7	0.8	2,005	233	2,575	1,227			
Hamilton	10,656	7,148	6,939	2,467	1,903	297	6	32.9	22.8	35.3	0.7	1,937	78	1,359	244			
Lima	9,376	6,459	6,832	1,391	818	329	6	72.0	14.8	8.7	3.5	470	24	117	207			
Lorain	10,177	5,825	2,303	1,445	6,216	121	2	23.5	14.2	61.1	1.2	1,496	459	3,518	743			
Newark	8,336	5,451	5,618	1,358	1,236	117	7	67.4	16.3	14.8	1.4	350	45	536	305			
Springfield	15,361	11,789	9,193	2,769	1,862	1,735	11	39.8	18.0	10.8	11.3	916	289	469	459			
Youngstown	28,157	13,991	7,795	5,533	14,027	785	17	27.7	10.7	49.8	2.8	4,268	661	7,543	1,555			
Zanesville	8,698	6,857	5,983	1,428	859	424	4	63.8	16.4	9.0	4.9	348	27	286	198			
Oklahoma																		
Muskogee	8,808	1,321	5,363	575	344	2,464	62	60.9	6.5	3.9	28.0	117	12	50	165			
Oklahoma City	24,736	3,643	17,615	2,490	2,122	2,392	117	71.2	10.1	8.6	9.7	848	102	607	565			
Pennsylvania																		
Allentown	15,232	10,160	10,864	1,612	2,705	47	4	71.3	10.6	17.8	0.3	904	267	1,366	178			
Altoona	15,708	10,923	10,648	1,292	1,257	165	9	67.8	13.6	17.6	1.1	1,033	201	1,116	357			
Chester	12,336	10,095	4,908	2,320	3,476	1,615	17	39.8	18.8	28.2	13.1	1,137	106	1,828	405			
Easton	8,750	7,455	5,817	1,381	1,459	3												

MALES 21 YEARS OF AGE AND OVER, WITH CITIZENSHIP OF FOREIGN-BORN WHITES, IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Continued.

Table 39—Continued.

CITY.	MALES 21 YEARS OF AGE AND OVER.							PER CENT OF TOTAL: 1910					FOREIGN-BORN WHITE MALES 21 YEARS OF AGE AND OVER: 1910			
	Total.		Native white: 1910		Foreign-born white: 1910	Negro: 1910	Indian, Chinese, Japanese, and all other: 1910	Native white.			Negro.	Naturalized.	Having first papers.	Alien.	Citizenship not reported.	
	1910	1900	Native parent-age.	Foreign or mixed parent-age.				Native parent-age.	Foreign or mixed parent-age.	Foreign-born white.						
Pennsylvania—Continued.																
Hazleton.....	6,724	3,656	1,719	2,014	2,972	11	8	25.6	30.0	44.2	0.2	1,457	119	1,154	242	
Johnstown.....	18,808	10,988	6,709	2,672	9,225	185	17	35.7	14.2	49.0	1.0	1,621	190	6,951	463	
Lancaster.....	13,492	11,228	9,555	2,181	1,472	275	9	79.8	16.2	10.9	2.0	1,028	68	319	57	
McKeesport.....	12,340	9,812	3,768	2,263	6,551	248	8	29.3	17.6	51.0	1.9	2,548	416	3,196	337	
New Castle.....	11,822	8,813	5,318	1,994	4,707	189	14	45.0	13.5	39.8	1.6	1,326	292	2,800	289	
Norristown borough.....	8,619	6,714	5,149	1,462	1,691	311	6	59.7	17.0	19.6	3.6	477	80	597	537	
Reading.....	29,041	22,516	21,506	2,707	4,528	295	5	74.1	9.3	15.0	1.0	1,430	214	2,675	209	
Shenandoah borough.....	5,028	6,449	851	1,198	5,942	1	5	11.0	14.9	74.0	0.2	1,750	294	3,632	206	
Wilkes-Barre.....	18,934	13,557	5,656	5,129	7,899	246	4	28.9	27.1	41.7	1.3	3,754	396	3,108	641	
Williamsport.....	9,214	7,782	6,148	1,653	1,153	259	1	66.7	17.9	12.5	2.8	723	69	227	134	
York.....	13,331	9,492	10,964	1,163	829	373	2	82.2	8.7	6.2	2.8	598	40	215	66	
Rhode Island																
Newport.....	8,648	6,811	3,105	2,113	2,925	480	25	35.9	24.4	33.8	5.6	1,672	310	682	261	
Pawtucket.....	15,961	11,075	3,366	4,078	6,88	68	26	22.3	27.1	80.0	6.5	4,017	562	2,201	743	
Warwick town.....	7,836	5,901	2,287	1,561	3,726	58	4	30.0	20.4	48.8	0.8	1,581	106	1,514	525	
Woonsocket.....	10,422	7,363	1,432	2,433	6,540	7	10	13.7	23.3	63.8	0.1	2,300	256	3,853	631	
South Carolina																
Charleston.....	16,107	14,167	5,477	1,454	1,282	7,881	13	34.0	9.0	8.0	48.9	678	92	255	257	
Columbia.....	7,605	5,999	4,110	191	227	3,076	1	54.0	2.5	3.0	40.4	103	3	63	58	
Tennessee																
Chattanooga.....	14,299	9,133	7,202	645	690	5,700	2	59.8	4.5	4.8	39.9	361	51	84	184	
Knoxville.....	10,391	9,015	7,429	494	380	2,297	1	70.1	4.6	3.6	21.7	193	13	50	124	
Texas																
Austin.....	8,612	6,227	4,489	947	1,210	1,929	7	52.1	11.0	14.4	22.4	583	26	167	464	
Dallas.....	29,864	12,843	18,674	2,527	2,811	5,830	22	62.5	8.5	9.4	19.5	1,504	134	463	710	
El Paso.....	11,791	5,032	5,063	1,390	4,649	486	217	42.9	11.8	33.4	4.1	988	201	2,445	1,006	
Fort Worth.....	25,193	8,223	16,301	1,776	2,541	4,513	62	64.7	10.1	17.9	9.0	963	97	849	632	
Galveston.....	12,753	11,007	3,584	2,806	3,593	2,654	46	28.1	25.3	27.5	28.8	1,962	480	699	362	
Houston.....	25,935	18,816	11,853	3,352	3,466	7,240	24	45.7	12.9	13.4	27.9	1,754	239	746	727	
San Antonio.....	27,979	14,490	11,941	5,700	7,354	2,917	67	42.7	20.4	26.3	10.4	3,114	272	2,223	1,745	
Waco.....	7,375	5,641	4,582	494	656	1,636	17	62.1	6.6	8.9	22.2	387	27	72	170	
Utah																
Ogden.....	7,680	4,082	2,879	2,210	2,103	110	378	37.5	28.8	27.4	1.4	1,130	141	518	311	
Salt Lake City.....	28,640	13,639	10,471	8,663	8,675	369	462	36.6	30.2	30.3	1.3	4,335	958	1,990	1,392	
Virginia																
Lynchburg.....	7,848	4,599	5,146	217	260	2,232	3	65.6	2.8	3.2	28.4	130	15	83	22	
Norfolk.....	20,907	13,968	10,221	953	1,820	7,864	49	48.9	4.6	8.7	37.6	931	151	565	173	
Portsmouth.....	10,623	5,361	5,872	740	694	3,394	13	55.3	7.0	5.7	31.9	349	55	75	125	
Roanoke.....	10,144	5,791	7,389	271	414	2,066	4	72.8	2.7	4.1	20.4	212	30	117	55	
Washington																
Tacoma.....	32,910	14,005	13,791	5,644	12,191	351	933	41.9	17.1	37.0	1.1	5,808	1,171	3,544	1,663	
West Virginia																
Huntington.....	9,349	3,385	7,871	412	394	752	10	84.2	4.4	3.3	8.0	175	12	43	74	
Wheeling.....	12,822	11,422	5,748	3,927	2,679	461	7	44.8	30.6	20.9	3.0	1,418	95	743	428	
Wisconsin																
Green Bay.....	6,884	4,766	1,459	3,319	2,078	14	14	21.2	48.2	30.2	0.2	1,524	205	131	213	
La Crosse.....	8,729	7,577	2,159	3,587	2,965	18	—	24.7	41.1	34.0	0.2	1,759	324	276	406	
Madison.....	7,825	5,708	2,582	3,021	2,165	47	70	33.0	38.6	26.9	0.5	1,174	179	338	414	
Oshkosh.....	9,440	7,513	2,225	3,882	3,598	27	8	23.6	37.9	38.1	0.3	2,106	519	419	554	
Racine.....	12,478	8,283	2,100	3,682	6,590	42	4	17.3	29.5	52.8	0.3	2,834	1,215	2,011	530	
Sheboygan.....	7,807	6,044	751	2,695	4,359	1	1	9.6	34.5	55.8	(1)	2,061	721	991	585	
Superior.....	15,378	11,320	3,853	3,206	8,201	68	50	25.1	20.8	53.3	0.4	3,735	1,323	2,220	923	

¹ Less than one-tenth of 1 per cent.

Citizenship of foreign-born white males.—Statistics as to the citizenship of foreign-born white males 21 years of age and over, as enumerated in 1910, are given in Table 40. Of the 6,646,817 foreign-born white males 21 years of age and over in the United States in 1910, 45.6 per cent were reported as naturalized, 8.6 per cent as having taken out their first naturalization papers, and 34.1 per cent as aliens, while for 11.7 per cent no report as to citizenship was secured. As already stated, it is probable that much the larger proportion of this last group are aliens. Nevertheless, on account of the marked variations in the relative numbers of those for whom there were no reports regarding citizenship in the different states and geographic divisions, comparisons of the percentages for those naturalized, those having first papers, and aliens are somewhat unsatisfactory.

It is evident, however, that in those geographic divisions in which a large part of the foreign-born population consists of recent immigrants—notably the New England, Middle Atlantic, South Atlantic, Mountain, and Pacific divisions—the proportion of the foreign-born white males of 21 years and over who are naturalized is much lower than in the divisions which have a relatively smaller proportion of recent immigrants, particularly the East North Central and West North Central. Many of these immigrants have been here too short a time to become naturalized. Among the states West Virginia had the lowest proportion naturalized (20.9 per cent), Arizona and Maine coming next. The proportion naturalized exceeded three-fifths in Kentucky, Iowa, Nebraska, and Minnesota. Among the geographic divisions the Middle Atlantic had the lowest percentage naturalized (38.7).

Table 40

FOREIGN-BORN WHITE MALES 21 YEARS OF AGE AND OVER: 1910

DIVISION AND STATE.	Naturalized.		Having first papers.		Alien.		Citizenship not reported.	
	Num-ber.	Per cent.	Num-ber.	Per cent.	Num-ber.	Per cent.	Num-ber.	Per cent.
United States	3,034,117	45.6	570,772	8.6	2,266,535	34.1	775,393	11.7
GEOGRAPHIC DIVS.:								
New England.....	323,994	40.7	48,508	6.1	366,161	45.9	58,184	7.3
Middle Atlantic.....	879,348	38.7	202,012	8.9	965,101	42.5	225,810	9.9
East North Central.....	812,439	51.6	185,254	9.4	426,278	27.1	186,322	11.8
West North Central.....	510,918	58.7	76,934	8.8	447,176	16.6	137,379	15.8
South Atlantic.....	61,134	46.0	8,997	6.0	57,127	37.9	23,407	15.5
East South Central.....	25,955	50.6	6,220	4.8	8,647	18.7	9,496	20.5
West South Central.....	76,765	41.2	10,071	5.9	52,533	30.7	35,251	22.2
Mountain.....	113,670	44.1	23,219	9.0	85,619	33.2	35,029	13.6
Pacific.....	235,844	46.4	50,567	9.9	160,572	31.6	61,525	12.1
NEW ENGLAND:								
Maine.....	14,994	30.9	1,490	3.1	23,672	48.8	8,308	17.1
New Hampshire.....	16,415	39.1	1,321	3.4	19,377	46.2	4,743	11.3
Vermont.....	10,811	45.5	1,164	4.9	9,632	40.6	2,132	9.0
Massachusetts.....	189,126	41.7	30,016	6.8	212,053	46.7	27,426	4.9
Rhode Island.....	32,040	42.2	5,314	7.0	31,996	42.2	6,549	8.6
Connecticut.....	60,008	39.6	9,103	5.9	69,431	45.3	14,026	9.2
MIDDLE ATLANTIC:								
New York.....	502,083	41.1	131,085	10.7	475,279	38.9	112,556	9.2
New Jersey.....	128,438	41.5	24,511	7.9	127,076	39.4	34,623	11.2
Pennsylvania.....	248,827	33.6	46,416	6.3	302,766	48.6	78,601	10.6
E. NORTH CENTRAL:								
Ohio.....	142,465	46.2	17,509	5.7	113,856	36.9	34,648	11.2
Indiana.....	42,533	47.8	13,320	15.0	18,354	20.6	14,720	16.6
Illinois.....	317,339	52.5	43,482	7.2	174,681	28.9	69,122	11.4
Michigan.....	167,304	55.4	26,235	8.7	76,550	29.3	32,068	10.6
Wisconsin.....	142,848	53.1	47,708	17.7	42,937	15.9	35,744	13.3
W. NORTH CENTRAL:								
Minnesota.....	179,187	60.1	26,222	8.8	58,132	19.5	24,741	11.6
Iowa.....	90,573	61.7	6,654	4.5	20,275	13.8	29,376	20.0
Missouri.....	65,612	54.0	10,117	8.3	25,855	21.3	19,840	16.3
North Dakota.....	46,636	58.5	9,824	12.3	10,965	13.8	12,296	15.4
South Dakota.....	32,495	59.6	8,020	14.7	4,376	8.0	9,637	17.7
Nebraska.....	57,270	60.7	9,923	10.5	12,347	13.1	14,804	15.7
Kansas.....	39,145	52.7	6,173	8.3	12,137	16.5	16,683	22.5
SOUTH ATLANTIC:								
Delaware.....	3,707	42.2	658	7.5	3,189	36.3	1,222	13.9
Maryland.....	24,256	50.6	3,278	6.8	13,573	29.3	6,860	14.3
Dist. of Columbia.....	6,475	35.2	1,058	9.0	2,304	19.6	1,902	16.2
Virginia.....	6,411	43.1	859	8.8	4,693	31.5	2,919	16.6
West Virginia.....	7,263	20.9	1,358	3.9	22,545	65.0	3,521	10.2
North Carolina.....	1,439	43.7	194	5.9	827	25.1	836	25.4
South Carolina.....	1,602	47.7	194	5.5	739	22.0	839	24.7
Georgia.....	4,023	47.3	625	7.3	1,846	21.7	2,019	23.7
Florida.....	5,959	34.2	783	4.5	7,411	42.5	3,292	18.9
E. SOUTH CENTRAL:								
Kentucky.....	13,226	64.7	815	4.0	2,754	13.5	3,646	17.8
Tennessee.....	5,444	53.8	464	4.6	1,867	18.5	2,337	23.1
Alabama.....	4,841	46.0	684	6.5	2,793	26.5	2,203	20.9
Mississippi.....	2,445	46.7	237	4.9	1,233	23.6	1,300	24.8
W. SOUTH CENTRAL:								
Arkansas.....	5,284	54.4	595	6.1	1,388	14.3	2,451	25.2
Louisiana.....	10,024	37.8	1,166	4.4	9,154	34.6	6,178	23.3
Oklahoma.....	12,074	51.3	1,477	6.3	4,449	18.9	5,551	23.6
Texas.....	45,383	38.7	6,833	6.1	37,865	33.8	24,071	21.5
MOUNTAIN:								
Montana.....	27,635	46.6	6,749	11.4	16,937	28.6	7,992	13.5
Idaho.....	12,817	49.6	2,478	9.6	6,215	24.0	4,334	16.8
Wyoming.....	6,837	37.4	1,937	10.6	8,125	44.5	1,364	7.5
Colorado.....	35,245	50.0	6,536	9.3	16,015	27.8	9,118	12.9
New Mexico.....	4,267	34.1	709	5.7	6,048	48.4	1,478	11.8
Arizona.....	5,912	23.0	1,113	4.3	14,574	56.7	4,083	15.9
Utah.....	15,351	47.0	2,415	7.4	9,626	29.5	5,290	16.1
Nevada.....	5,686	43.9	1,232	10.0	4,479	35.1	1,404	11.0
PACIFIC:								
Washington.....	68,895	46.9	15,233	10.4	43,203	29.3	19,859	13.5
Oregon.....	38,675	46.2	7,991	11.9	17,450	27.3	9,213	14.4
California.....	137,274	46.2	27,708	9.3	99,940	33.6	32,443	10.9

Table 41

FOREIGN-BORN WHITE MALES 21 YEARS OF AGE AND OVER: 1910

CITY.	Naturalized.		Having first papers.		Alien.		Citizenship not reported.	
	Num-ber.	Per cent.	Num-ber.	Per cent.	Num-ber.	Per cent.	Num-ber.	Per cent.
ALBANY, N. Y.	4,827	58.9	462	5.6	1,661	20.3	1,242	15.2
Atlanta, Ga.....	1,011	44.2	193	4.4	565	24.7	518	22.6
Baltimore, Md.....	16,643	49.5	2,664	7.9	9,559	28.4	4,772	14.2
Birmingham, Ala.....	1,179	40.0	186	6.3	839	28.5	740	25.1
Boston, Mass.....	47,791	46.3	10,438	10.1	40,316	39.3	3,417	8.0
Bridgeport, Conn.....	6,563	38.3	1,038	6.1	8,136	47.5	5,477	30.3
Buffalo, N. Y.....	29,409	52.2	4,319	7.7	16,255	28.9	6,354	11.3
Cambridge, Mass.....	7,162	45.8	1,189	8.1	5,866	40.1	415	2.9
Chicago, Ill.....	190,692	50.2	31,585	8.3	124,553	32.8	33,019	8.7
Cincinnati, Ohio.....	17,253	64.6	1,733	6.5	6,250	24.4	1,487	5.6
Cleveland, Ohio.....	40,482	42.9	7,826	8.3	40,221	42.6	5,902	6.3
Columbus, Ohio.....	3,453	52.5	414	4.9	2,349	27.7	1,271	15.0
Dayton, Ohio.....	3,451	47.3	396	5.4	2,964	40.6	492	6.7
Denver, Colo.....	10,959	57.1	2,102	19.9	3,801	19.8	2,342	12.2
Detroit, Mich.....	32,891	43.7	7,271	9.7	28,733	38.3	6,428	8.5
Fall River, Mass.....	8,368	41.5	732	3.6	10,594	52.5	487	2.4
Grand Rapids, Mich.....	7,758	56.7	1,027	7.4	3,301	24.1	1,614	11.8
Indianapolis, Ind.....	6,988	58.5	1,189	11.4	1,795	17.2	1,333	12.8
Jersey City, N. J.....	16,556	43.9	3,007	8.1	14,404	38.2	3,680	9.8
Kansas City, Mo.....	6,953	53.3	890	6.8	2,564	19.6	2,645	20.3
Los Angeles, Cal.....	15,097	47.7	2,730	9.2	8,662	29.3	4,087	13.8
Louisville, Ky.....	5,474	68.4	380	4.6	1,152	13.3	1,098	13.2
Lowell, Mass.....	7,028	38.6	427	2.3	9,897	54.4	839	4.6
Memphis, Tenn.....	1,664	48.9	197	5.8	808	23.7	734	21.6
Milwaukee, Wis.....	26,155	49.6	9,887	17.6	14,455	25.7	5,624	10.0
Minneapolis, Minn.....	23,462	52.6	5,427	12.0	10,326	22.8	5,965	13.3
Nashville, Tenn.....	951	66.3	80	5.6	170	11.8	234	16.2
New Haven, Conn.....	6,128	45.0	1,426	7.4	7,693	40.1	1,447	7.5
New Orleans, La.....	6,138	45.5	595	4.4	3,703	27.5	3,050	22.6
New York, N. Y.....	318,091	38.4	106,255	12.9	339,473	41.0	64,704	7.8
Manhattan Bor.....	143,847	52.5	58,691	16.7	212,777	46.1	40,861	8.9
Bronx Borough.....	35,166	43.8	8,846	12.9	27,976	32.5	5,373	5.8
Brooklyn Borough.....	169,100	43.9	34,860	15.8	80,521	32.4	14,663	5.9
Queens Borough.....	21,019	64.8	3,843	10.0	11,089	38.5	2,354	6.2
Richmond Bor.....	6,937	49.6	908	7.6	4,116	34.4	1,016	8.5
Newark, N. J.....	21,427	43.1	4,982	10.0	19,204	38.7	4,061	8.2
Oakland, Cal.....	10,237	52.9	2,004	10.4	5,968	30.9	1,125	5.8
Omaha, Neb.....	7,079	51.3	2,103	13.3	3,868	20.8	1,738	12.6
Paterson, N. J.....	9,817	48.6	1,387	6.9	6,029	29.9	2,949	14.6
Philadelphia, Pa.....	69,415	41.5	15,533	9.3	63,156	37.8	18,968	11.4
Pittsburgh, Pa.....	28,797	41.1	5,355	7.6	28,439	40.5	7,557	10.8
Portland, Ore.....	11,251	44.6	3,038	12.1	7,097	28.1	3,524	15.2
Providence, R. I.....	12,988	39.5	2,815	8.6	14,910	45.4	2,150	6.5
Richmond, Va.....	943	46.2	123	0.0	503	24.7	471	23.1
Rochester, N. Y.....	13,003	48.0	2,947	10.9	9,361	30.9	2,756	10.2
St. Louis, Mo.....	33,081	52.1	7,049	11.1	15,918	25.1	7,392	11.7
St. Paul, Minn.....	17,071	58.8	2,586	8.9	5,576	19.2	3,815	13.1
San Francisco, Cal.....	35,375	48.0	10,681	14.1	21,872	28.9	6,840	9.0
Scranton, Pa.....	7,930	45.4	964	5.5	6,801	38.9	1,766	10.1
Seattle, Wash.....	16,438	45.5	3,068	8.5				

FEMALES 21 YEARS OF AGE AND OVER, BY DIVISIONS AND STATES: 1910.

Table 12

DIVISION AND STATE.	Total females 21 years of age and over.	WHITE.		NATIVE WHITE.				FOREIGN-BORN WHITE.		NEGRO.		Indian.	Chinese, Japanese, and all other.
		Number.	Per cent of total.	Native percentage.		Foreign or mixed percentage.		Number.	Per cent of total.	Number.	Per cent of total.		
				Number.	Per cent of total.	Number.	Per cent of total.						
United States.....	24,555,754	22,069,236	89.8	12,484,481	50.8	4,567,647	18.6	5,007,108	20.4	2,427,742	8.9	60,169	8,607
GEOGRAPHIC DIVISIONS:													
New England.....	2,043,998	2,021,540	98.9	841,264	41.2	428,673	21.0	751,603	36.8	21,822	1.1	573	63
Middle Atlantic.....	5,608,188	5,464,123	97.4	2,377,232	42.4	1,274,288	22.7	1,812,603	32.3	142,116	2.5	1,690	260
East North Central.....	5,133,080	5,036,624	98.1	2,516,036	49.0	1,340,723	26.1	1,179,865	23.0	62,698	1.8	4,278	80
West North Central.....	3,065,774	3,025,595	97.3	1,536,145	51.2	776,397	25.8	608,763	20.3	72,273	2.4	10,135	56
South Atlantic.....	3,007,118	2,035,590	67.7	1,809,235	60.2	125,998	4.2	100,357	3.3	969,575	32.2	1,904	49
East South Central.....	2,037,064	1,390,848	68.3	1,283,045	63.0	74,876	3.7	32,927	1.6	645,697	31.7	508	11
West South Central.....	1,987,760	1,504,769	75.7	1,245,132	62.6	142,047	7.1	117,587	5.9	467,795	23.5	15,132	67
Mountain.....	614,736	590,116	96.0	320,983	52.2	138,205	22.5	130,928	21.3	6,686	1.1	17,513	421
Pacific.....	1,117,436	1,022,324	97.8	553,409	49.5	266,440	23.8	272,475	24.4	9,076	0.8	8,436	7,600
NEW ENGLAND:													
Maine.....	225,736	225,107	99.7	156,063	68.4	25,589	11.3	42,855	19.0	401	0.2	228	.....
New Hampshire.....	135,372	135,187	99.9	78,394	57.9	19,004	14.0	37,789	27.9	176	0.1	9	.....
Vermont.....	106,883	106,598	99.7	67,945	63.6	20,234	18.9	18,419	17.2	277	0.3	8	.....
Massachusetts.....	1,074,485	1,061,602	98.8	363,035	33.8	246,539	22.9	452,028	42.1	12,648	1.2	192	43
Rhode Island.....	166,391	163,120	98.0	49,955	30.0	40,305	24.2	72,860	43.8	3,178	1.9	86	7
Connecticut.....	335,131	329,926	98.4	125,272	37.4	77,002	23.0	127,652	38.1	5,142	1.5	50	13
MIDDLE ATLANTIC:													
New York.....	2,757,521	2,706,523	98.2	927,995	33.7	710,145	25.8	1,068,383	38.7	49,300	1.8	1,502	196
New Jersey.....	736,659	706,728	95.9	288,821	39.2	166,074	22.5	231,833	34.2	29,866	4.1	26	39
Pennsylvania.....	2,114,008	2,050,872	97.0	1,160,416	54.9	398,069	18.8	492,387	23.3	62,949	3.0	162	25
EAST NORTH CENTRAL:													
Ohio.....	1,398,341	1,364,611	97.6	830,354	59.4	314,929	22.5	219,328	15.7	33,653	2.4	33	14
Indiana.....	770,658	752,208	97.6	577,899	75.0	117,643	15.3	56,666	7.4	18,386	2.4	61	3
Illinois.....	1,567,491	1,533,014	97.8	647,697	41.3	421,178	26.9	464,139	29.6	34,372	2.2	56	49
Michigan.....	786,033	778,874	99.1	319,537	40.7	224,713	28.6	234,624	29.8	5,318	0.7	1,833	8
Wisconsin.....	611,157	607,917	99.5	140,549	23.0	262,260	42.9	205,108	33.6	939	0.2	2,295	6
WEST NORTH CENTRAL:													
Minnesota.....	512,411	508,195	99.2	111,088	21.7	192,518	37.6	204,589	39.9	2,061	0.4	2,116	9
Iowa.....	603,644	599,442	99.3	315,389	52.2	175,267	29.0	108,786	18.0	4,124	0.7	73	5
Missouri.....	896,152	847,997	94.6	588,496	65.7	171,954	19.2	57,547	9.8	48,057	5.4	81	17
North Dakota.....	122,406	120,780	98.7	29,600	24.2	37,987	31.0	53,193	43.5	158	0.1	1,468	.....
South Dakota.....	134,187	128,772	96.0	48,349	36.0	43,530	32.4	36,893	27.5	220	0.2	5,188	7
Nebraska.....	298,040	294,849	98.9	146,645	49.2	79,569	26.7	68,635	23.0	2,369	0.8	806	16
Kansas.....	438,934	423,270	96.4	298,578	68.0	75,372	17.2	49,120	11.2	15,289	3.5	373	2
SOUTH ATLANTIC:													
Delaware.....	58,442	50,160	85.8	37,070	63.4	6,573	11.2	6,517	11.2	8,281	14.2	1	.....
Maryland.....	373,819	309,897	82.9	209,798	56.1	56,320	15.2	43,284	11.6	63,899	17.2	12	11
District of Columbia.....	116,148	81,662	70.3	55,194	47.5	16,118	13.9	10,250	8.9	34,449	29.7	22	15
Virginia.....	518,473	353,516	68.2	335,607	64.7	9,533	1.8	8,576	1.6	164,844	31.8	110	3
West Virginia.....	284,969	270,298	94.9	241,703	84.8	15,872	5.6	12,723	4.5	14,667	5.1	3	1
North Carolina.....	519,475	358,583	69.0	354,416	68.2	2,316	0.4	1,851	0.4	159,236	30.7	1,655	1
South Carolina.....	343,958	162,025	47.3	156,905	45.6	3,577	1.0	2,083	0.6	181,264	52.7	65	4
Georgia.....	613,149	343,187	56.0	330,779	53.9	7,579	1.2	4,829	0.8	269,937	44.0	20	5
Florida.....	178,685	105,662	59.1	87,708	49.1	7,610	4.3	10,344	5.8	72,998	40.9	16	9
EAST SOUTH CENTRAL:													
Kentucky.....	579,756	506,299	87.3	441,093	76.1	47,716	8.2	17,490	3.0	73,413	12.7	43	1
Tennessee.....	542,408	419,646	77.4	400,706	73.9	12,485	2.3	6,455	1.2	122,707	22.6	54	1
Alabama.....	501,959	284,116	56.6	268,397	53.7	8,602	1.7	6,117	1.2	217,676	43.4	167	.....
Mississippi.....	412,041	180,787	43.8	171,849	41.6	6,073	1.5	2,865	0.7	231,901	56.2	244	9
WEST SOUTH CENTRAL:													
Arkansas.....	351,994	248,964	70.7	234,232	66.5	9,140	2.6	5,592	1.6	102,917	29.2	212	1
Louisiana.....	395,354	222,473	56.3	166,066	42.0	37,276	9.4	19,131	4.8	172,711	43.7	149	21
Oklahoma.....	356,194	311,266	87.4	276,301	77.6	22,208	6.2	12,757	3.6	30,208	8.5	14,718	2
Texas.....	884,218	722,063	81.7	568,533	64.3	73,423	8.3	80,107	9.1	161,959	18.3	153	43
MOUNTAIN:													
Montana.....	81,741	78,331	95.8	34,086	41.7	20,289	24.8	23,956	29.3	553	0.7	2,811	46
Idaho.....	69,818	68,543	98.2	40,258	57.7	17,043	24.4	11,242	16.1	1,187	0.3	1,031	57
Wyoming.....	28,840	27,932	96.9	15,648	54.3	6,209	21.5	6,075	21.1	494	1.7	576	38
Colorado.....	213,425	209,135	98.0	122,780	57.5	43,005	20.4	42,810	20.1	3,561	1.8	284	85
New Mexico.....	73,152	68,276	93.3	56,719	77.5	5,494	7.5	6,063	8.3	441	0.6	4,424	11
Arizona.....	43,891	36,885	84.0	17,337	39.5	7,475	17.0	12,073	27.5	635	1.4	6,329	42
Utah.....	85,729	84,588	98.7	26,838	31.3	32,901	38.4	24,849	29.0	313	0.4	747	81
Nevada.....	18,140	16,366	90.2	7,317	40.3	5,189	28.6	3,860	21.3	206	1.1	1,511	61
PACIFIC:													
Washington.....	277,727	271,828	97.9	141,260	50.9	59,732	21.5	70,836	25.5	1,697	0.6	2,901	1,298
Oregon.....	168,323	166,191	98.7	104,149	61.9	32,273	19.2	29,769	17.7	443	0.3	1,323	366
California.....	671,386	634,305	97.5	308,000	45.9	174,435	26.0	171,870	25.6	6,936	1.0	4,209	5,926

MALES OF MILITIA AGE—18 TO 44 YEARS.

Men from 18 to 44 years of age, inclusive, are subject to militia duty under the laws of most states, and represent substantially the theoretical fighting strength of the country in case of war. Table 43 gives, by divisions and states, the total number of males of this class in 1910 and in 1900, with a further classification of the number in 1910 according to color or race, nativity, and parentage.

The total number of males from 18 to 44 years of

age in 1910 was 20,473,684, constituting 22.3 per cent of the total population of the country and 43.3 per cent of the total male population. Males of this age in 1900 constituted 21.3 per cent of the total population and 41.7 per cent of the total number of males. In 1910, 48.7 per cent of the males 18 to 44 years of age were native whites of native parentage, 19.1 per cent native whites of foreign or mixed parentage, 21.8 per cent foreign-born whites, and 9.7 per cent negroes.

MALES FROM 18 TO 44 YEARS OF AGE, BY DIVISIONS AND STATES: 1910 AND 1900.

DIVISION AND STATE.	TOTAL MALES 18 TO 44 YEARS OF AGE, INCLUSIVE.				NATIVE WHITE.										
	1910	1900	Increase: 1900-1910		Per cent of total population.		Native parentage.		Foreign or mixed parentage.		FOREIGN-BORN WHITE.		NEGRO.		Indian, Chinese, Japanese, and all other: 1910
			Number.	Per cent.	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	
United States.....	20,473,684	16,182,702	4,290,982	26.5	22.3	21.3	9,978,500	8,014,406	3,901,652	3,306,335	4,471,668	3,068,059	1,985,415	1,680,052	136,399
GEOGRAPHIC DIVISIONS:															
New England.....	1,458,900	1,236,976	221,924	17.9	22.3	22.1	500,616	490,420	356,428	298,312	581,585	429,658	17,325	14,770	2,946
Middle Atlantic.....	4,542,493	3,468,069	1,074,424	31.0	25.5	22.4	1,708,717	1,700,877	1,011,506	1,000,877	1,024,730	115,040	88,318	8,350	8,350
East North Central.....	4,102,602	3,488,041	614,561	18.6	22.5	21.6	1,940,205	1,533,859	1,088,793	990,005	866,436	730,240	81,727	67,013	6,901
West North Central.....	2,612,026	2,246,129	365,906	16.3	22.4	21.7	1,313,575	1,123,999	747,115	603,917	478,607	453,687	64,212	56,051	9,116
South Atlantic.....	2,405,895	1,979,974	425,921	21.5	17.7	19.0	1,429,525	1,159,974	90,835	90,392	103,830	57,169	775,685	669,921	2,694
East South Central.....	1,627,471	1,431,416	196,055	13.7	19.4	19.0	1,042,894	891,791	50,972	60,161	22,382	20,733	510,592	457,576	721
West South Central.....	1,815,068	1,286,558	528,510	40.9	20.6	19.1	1,166,405	783,290	129,943	100,947	101,009	74,381	101,043	315,706	14,048
Mountain.....	714,143	641,527	72,616	10.1	21.7	26.4	350,266	201,740	100,057	102,046	181,864	111,636	7,011	5,675	25,226
Pacific.....	1,196,947	634,091	562,856	88.8	28.6	26.2	528,277	270,072	256,560	149,547	335,022	159,795	9,350	4,122	67,738
NEW ENGLAND:															
Maine.....	151,325	142,175	9,150	6.4	20.4	20.5	94,710	96,430	22,666	18,681	33,338	26,505	330	294	281
New Hampshire.....	90,357	88,149	2,208	2.5	10.0	21.4	42,104	47,679	16,774	13,502	31,291	26,649	137	160	5
Vermont.....	73,082	70,850	2,232	3.0	20.7	20.6	33,100	32,415	15,467	15,708	15,467	12,556	835	204	9
Massachusetts.....	704,024	632,960	127,065	20.2	22.6	22.5	212,579	203,411	203,866	168,335	331,809	249,619	10,454	8,623	2,016
Rhode Island.....	125,213	95,747	29,476	30.8	23.1	22.3	32,212	28,476	24,655	26,004	55,743	38,797	2,357	2,122	216
Connecticut.....	257,996	207,696	50,300	24.2	23.1	22.9	75,911	72,168	64,223	56,022	113,937	75,532	3,552	3,447	373
MIDDLE ATLANTIC:															
New York.....	2,156,361	1,639,995	516,966	21.5	23.7	22.6	654,731	544,138	658,652	507,552	897,977	553,934	39,483	26,858	5,513
New Jersey.....	597,513	422,758	174,755	41.3	23.6	22.4	205,016	160,562	140,241	110,317	228,193	132,994	23,909	17,508	964
Pennsylvania.....	1,788,619	1,405,916	382,703	21.2	23.3	22.3	846,970	734,531	312,616	287,159	574,707	362,523	52,453	44,302	1,873
EAST NORTH CENTRAL:															
Ohio.....	1,076,928	893,327	183,601	20.6	22.6	21.5	621,653	523,276	222,993	227,443	202,580	118,697	29,269	23,664	493
Indiana.....	1,330,557	1,030,615	49,942	9.4	21.1	21.1	431,667	349,203	81,539	95,512	51,657	31,535	15,300	14,147	234
Illinois.....	1,330,556	1,091,472	239,084	21.3	23.6	22.6	527,411	445,457	367,457	315,894	402,334	294,254	31,702	24,971	1,632
Michigan.....	616,726	516,802	99,927	19.3	21.8	21.8	235,221	197,388	199,457	157,283	175,839	157,103	4,459	3,766	1,633
Wisconsin.....	497,922	425,525	72,997	16.9	21.3	20.6	194,444	188,665	236,797	199,923	113,928	134,751	71,707	74,189	
WEST NORTH CENTRAL:															
Minnesota.....	491,113	399,734	91,979	22.9	23.7	22.8	109,907	81,312	204,803	149,863	171,816	165,140	2,743	1,772	1,784
Iowa.....	475,829	475,760	69	0.1	21.4	21.3	249,216	243,701	153,165	149,099	69,160	79,440	4,011	3,373	277
Missouri.....	721,146	602,928	58,238	8.8	21.0	21.3	434,288	434,676	132,421	136,584	63,626	68,845	41,441	37,949	420
North Dakota.....	145,628	80,191	65,437	81.6	25.2	25.1	37,302	16,582	51,647	19,634	55,217	42,484	250	93	1,152
South Dakota.....	140,635	87,505	53,130	60.7	24.1	21.8	54,311	27,312	51,198	28,027	31,326	28,355	271	137	3,529
Nebraska.....	267,497	235,572	31,925	13.6	22.4	22.1	131,046	117,542	83,237	61,618	49,340	53,679	2,600	2,010	1,265
Kansas.....	370,227	304,439	65,788	21.4	20.7	20.7	248,415	202,674	70,164	58,850	37,583	31,674	12,956	10,717	689
SOUTH ATLANTIC:															
Delaware.....	44,634	40,029	4,605	11.5	22.1	21.7	26,394	24,084	6,077	4,985	6,229	4,292	6,911	6,622	23
Maryland.....	271,373	245,776	25,977	11.3	20.9	20.5	133,567	131,720	39,343	41,554	28,824	22,322	49,386	47,746	253
District of Columbia.....	78,249	62,981	15,958	24.4	23.7	22.6	38,073	29,807	10,614	9,650	6,927	4,500	22,472	18,877	259
Virginia.....	398,728	346,030	52,698	15.2	19.7	17.7	255,336	216,888	8,026	7,457	9,460	5,152	125,692	115,872	214
West Virginia.....	275,048	200,763	74,547	27.2	22.5	20.9	211,721	166,264	11,530	12,630	30,582	7,939	21,134	13,621	81
North Carolina.....	326,164	236,016	45,900	16.0	17.5	15.8	271,493	223,388	19,716	19,694	2,306	1,289	115,247	115,247	1,383
South Carolina.....	276,888	206,507	40,021	16.9	18.3	17.7	128,262	102,298	2,443	2,653	1,976	1,422	143,019	130,283	81
Georgia.....	497,995	469,186	87,909	21.5	19.1	18.5	267,666	214,987	5,893	5,581	5,432	3,603	21,970	18,863	134
Florida.....	171,688	114,500	57,188	49.9	22.8	21.7	77,062	50,283	6,224	4,206	12,300	6,288	75,954	53,646	148
EAST SOUTH CENTRAL:															
Kentucky.....	457,493	428,622	28,871	6.7	20.0	20.0	359,347	320,525	31,475	38,563	8,284	9,844	58,306	59,635	81
Tennessee.....	423,088	384,249	38,839	10.1	19.4	19.0	315,443	280,109	8,844	10,204	5,026	4,408	93,709	89,452	66
Alabama.....	401,145	328,949	72,196	21.4	18.8	18.0	222,977	175,989	6,376	6,736	6,182	4,318	166,997	141,828	191
Mississippi.....	345,745	289,599	56,146	19.9	19.2	18.2	145,717	115,168	4,577	4,658	2,890	2,316	192,478	167,061	353
WEST SOUTH CENTRAL:															
Arkansas.....	311,792	250,380	61,412	24.5	19.8	19.1	209,990	169,937	8,881	7,325	4,687	4,004	88,627	69,055	107
Louisiana.....	338,343	268,739	69,604	25.5	20.4	19.5	153,426	104,614	24,881	28,115	15,159	13,107	144,430	122,381	447
Oklahoma.....	128,136	74,231	53,905	112.2	25.9	27.8	273,254	121,621	11,015	11,015	16,455	6,686	30,148	19,927	12,835
Texas.....	804,980	599,221	205,759	34.3	20.7	19.7	523,725	380,148	74,480	54,489	68,308	60,584	137,338	113,343	629
MOUNTAIN:															
Montana.....	123,322	83,574	39,658	47.5	32.8	34.3	47,659	28,454	26,584	18,458	44,568	30,886	613	557	3,808
Wyoming.....	86,384	41,782	44,602	51.6	25.8	47.02	47,102	29,716	10,690	19,716	17,237	9,478	233	104	2,684
Colorado.....	54,634	32,988	21,666	65.7	37.4	35.7	26,695	16,037	9,798	7,304	14,963	8,280	1,233	449	1,945
New Mexico.....	203,982	142,136	61,846	43.5	25.5	26.3	112,306	76,092	39,265	27,784	46,740	35,144	3,241	2,501	4,430
Arizona.....	73,057	41,464	31,643	76.3	22.3	21.2	53,737	29,730	5,741	3,885	9,109	4,511	474	653	4,036
Utah.....	58,962	34,231	24,731	112.2	25.9	27.8	273,254	121,621	9,259	6,025	8,846	5,678	1,947	1,947	5,927
Nevada.....	84,449	53,755	30,694	57.1	22.6	19.4	29,189	14,978	32,924	24,842	19,277	12,44			

CHAPTER 3.

AGE AND MARITAL CONDITION.

AGE STATISTICS.

Introduction.—This chapter contains a summary of the data relative to age, and to the marital condition of the population, reported at the Thirteenth Census, taken as of April 15, 1910, with comparative figures for prior censuses. Statistics are presented for the geographic divisions, the states, and the principal cities of the United States. Alaska, Hawaii, Porto Rico, and other outlying possessions are not included.

It is impossible to claim entire accuracy for census statistics of age. Some people do not know their true ages; some people seem deliberately to report them incorrectly; and the reports for a good many persons are not made by the persons themselves, but by others who have not exact knowledge as to the age. There is a conspicuous tendency to report ages in round numbers; the number reported as 40 years of age, for example, is far greater than the number reported as either 39 or 41. In the present report, however, individual years are not shown, but only groups of years. When the ages are combined into groups of 5, 10, or more years the margin of error is probably small.

UNITED STATES AS A WHOLE.

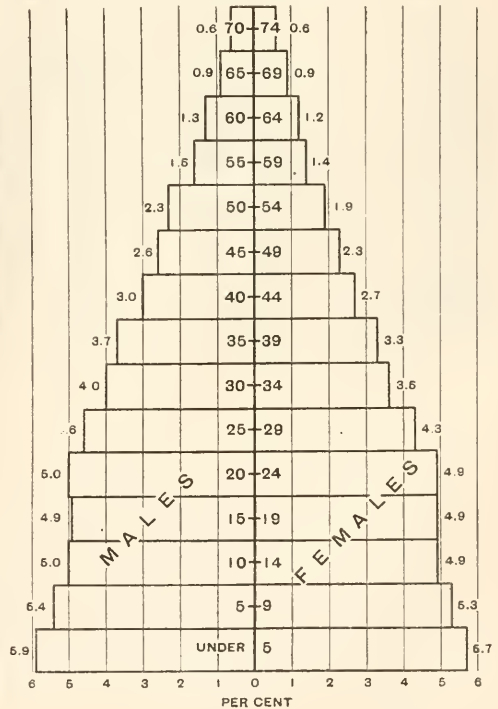
Classification by 5-year age periods: 1910.—Table 1, page 122, shows for 1910, by 5-year age periods, the population of the United States as a whole and of each of the principal race, nativity, and parentage classes, with a further distinction according to sex. Table 2 shows the relative importance of the different age groups by means of percentages.

The facts brought out by the tables can be much more clearly seen by means of diagrams. The diagram on this page presents the age distribution of the total population according to sex. The percentages which are shown in connection with the diagram differ from those in Table 2, in order to permit a comparison of the relative number of males and females in each age group. In Table 2 the percentage distribution by age for males is based on the total male population and for females on the total female population, but in the diagram the percentages for each sex are based upon the total population. For example, the diagram shows that males 15 to 19 years of age form 4.9 per cent of the total population while, as shown in Table 2, they form 9.6 per cent of the male population.

Where a population is maintained entirely by natural increase the number at any given year of age will, of course, be determined by the births in a corresponding earlier year, minus the deaths which have occurred among persons born in that year. Since

death claims its victims at all ages, the number of survivors will, under all ordinary conditions, diminish with advancing age, so that if the figures for the two sexes are represented on opposite sides of a vertical axis a diagram showing age distribution takes approximately the form of a pyramid or triangle. The death rate, however, is not uniform at all ages. It is very high during the first year after birth, decreases gradually until about the twelfth year, and then increases slowly until middle life, after which the acceleration is rapid. As the result of these variations, the age diagram for a normal population is not a perfect pyramid, but is slightly bell-shaped. There is also some difference between the two sexes in a normal population with respect to the number born and the death rates at different ages, so that the age diagram would not be altogether symmetrical.

DISTRIBUTION BY AGE PERIODS OF TOTAL POPULATION: 1910.



DISTRIBUTION BY AGE PERIODS OF THE POPULATION OF THE UNITED STATES: 1910.

Table 1 AGE PERIOD.	ALL CLASSES.			WHITE.			NEGRO.			INDIAN.		
	Both sexes.	Male.	Female.	Both sexes.	Male.	Female.	Both sexes.	Male.	Female.	Both sexes.	Male.	Female.
All ages.....	91,972,268	47,332,277	44,639,989	81,731,957	42,178,245	39,553,712	9,827,763	4,885,881	4,941,882	265,683	135,133	130,550
Under 5 years.....	10,631,364	5,380,596	5,250,768	9,322,914	4,728,650	4,594,264	1,263,288	629,320	639,968	40,384	20,202	20,182
Under 1 year.....	2,217,242	1,123,409	1,093,833	1,955,605	979,242	962,363	252,356	125,459	126,927	8,216	4,127	4,089
5 to 9 years.....	9,760,632	4,924,123	4,836,509	8,475,173	4,285,366	4,189,807	1,246,553	619,175	627,378	36,541	18,349	18,192
10 to 14 years.....	9,107,140	4,601,753	4,505,387	7,918,408	4,006,104	3,912,304	1,155,266	578,074	577,192	31,393	16,199	15,194
15 to 19 years.....	9,063,603	4,527,282	4,536,321	7,968,391	3,999,143	3,969,248	1,060,416	507,945	552,471	28,486	14,612	13,874
20 to 24 years.....	9,056,984	4,580,290	4,476,694	7,986,411	4,070,955	3,915,456	1,030,795	482,157	548,638	21,844	11,265	10,579
25 to 29 years.....	8,180,003	4,244,348	3,935,655	7,257,136	3,792,224	3,464,912	881,227	421,805	459,422	18,137	9,237	8,900
30 to 34 years.....	6,972,185	3,656,768	3,316,417	6,267,276	3,297,169	2,970,107	668,089	332,163	335,926	15,243	7,756	7,487
35 to 39 years.....	6,396,100	3,307,016	3,029,084	5,731,845	3,024,002	2,707,843	633,449	320,450	315,999	14,834	7,721	7,113
40 to 44 years.....	5,261,587	2,786,850	2,475,237	4,780,272	2,537,219	2,243,053	455,413	228,080	225,703	11,961	6,126	5,835
45 to 49 years.....	4,469,197	2,378,916	2,060,281	4,061,062	2,161,848	1,899,214	385,909	199,928	185,981	9,837	5,103	4,784
50 to 54 years.....	3,900,791	2,110,013	1,790,778	3,555,313	1,915,860	1,639,453	326,070	179,387	146,683	9,343	4,914	4,429
55 to 59 years.....	2,786,951	1,488,437	1,298,514	2,564,206	1,363,821	1,200,385	209,622	115,090	94,532	7,171	3,706	3,465
60 to 64 years.....	2,267,150	1,185,966	1,081,184	2,069,323	1,076,753	992,570	186,502	101,149	85,353	6,524	3,332	3,192
65 to 69 years.....	1,679,503	863,994	815,509	1,549,354	792,310	757,044	123,550	67,956	55,994	4,482	2,259	2,223
70 to 74 years.....	1,113,728	561,644	532,084	1,030,884	518,888	511,996	78,839	40,584	38,255	3,282	1,601	1,581
75 to 79 years.....	667,302	331,280	336,022	620,992	307,446	313,546	44,018	23,667	21,351	2,105	883	1,122
80 to 84 years.....	321,754	153,745	168,009	294,555	141,301	153,254	25,579	11,696	13,883	1,565	695	870
85 to 89 years.....	122,818	56,335	66,483	110,936	50,843	60,093	11,166	5,164	6,002	691	304	387
90 to 94 years.....	33,473	14,553	18,920	27,161	11,970	15,191	5,850	2,394	3,456	458	185	273
95 to 99 years.....	7,391	3,045	4,346	4,757	1,935	2,822	2,447	1,017	1,430	187	93	94
100 years and over.....	3,555	1,380	2,175	3,355	764	2,591	438	1,004	1,671	116	50	66
Age unknown.....	169,055	114,443	54,612	134,224	94,112	40,112	31,040	17,076	13,964	949	481	468

Table 1—Continued. AGE PERIOD.	CHINESE, JAPANESE, AND ALL OTHER.			NATIVE WHITE.						FOREIGN-BORN WHITE.		
	Both sexes.	Male.	Female.	Native parentage.			Foreign or mixed parentage.			Both sexes.	Male.	Female.
				Both sexes.	Male.	Female.	Both sexes.	Male.	Female.			
All ages.....	146,863	133,018	13,845	49,488,575	25,229,218	24,259,357	18,897,837	9,425,239	9,472,598	13,345,545	7,523,788	5,821,757
Under 5 years.....	4,778	2,424	2,354	6,546,282	3,326,237	3,220,045	2,674,125	1,350,473	1,323,652	102,507	51,940	50,567
Under 1 year.....	1,135	581	554	1,369,140	696,200	672,940	579,730	293,515	286,215	6,735	3,527	3,208
5 to 9 years.....	2,365	1,233	1,132	5,861,015	2,969,230	2,891,755	2,315,649	1,165,494	1,150,165	298,509	150,652	147,857
10 to 14 years.....	2,473	1,376	1,097	5,324,283	2,700,656	2,639,927	2,235,795	1,124,145	1,111,650	355,330	181,303	177,027
15 to 19 years.....	6,310	5,582	728	5,089,055	2,552,828	2,336,527	2,205,575	1,094,861	1,110,714	673,761	351,754	322,007
20 to 24 years.....	17,934	15,913	2,021	4,682,922	2,332,914	2,350,008	1,873,108	914,121	958,987	1,430,381	823,920	606,461
25 to 29 years.....	23,503	21,082	2,421	4,049,074	2,046,597	2,002,477	1,545,366	755,051	790,315	1,662,696	990,576	672,120
30 to 34 years.....	21,577	19,680	1,897	3,401,601	1,741,569	1,660,632	1,359,900	666,932	693,028	1,505,715	888,668	617,047
35 to 39 years.....	15,972	14,843	1,129	3,045,381	1,580,139	1,465,242	1,278,371	631,806	646,515	1,408,093	812,007	596,086
40 to 44 years.....	13,941	13,323	616	2,450,385	1,273,905	1,176,480	1,026,412	511,795	514,017	1,303,475	751,519	551,906
45 to 49 years.....	12,339	12,037	302	2,071,376	1,081,912	980,064	842,726	433,481	419,245	1,145,900	656,455	489,905
50 to 54 years.....	10,065	9,852	213	1,950,127	1,040,745	909,382	680,131	348,859	331,272	925,055	526,256	398,799
55 to 59 years.....	5,952	5,820	132	1,490,463	789,243	701,220	580,223	294,468	185,755	693,520	380,110	313,410
60 to 64 years.....	4,801	4,732	69	1,227,454	635,425	592,669	514,306	269,414	104,822	627,583	331,914	285,669
65 to 69 years.....	1,517	1,469	48	931,607	470,750	460,457	129,950	66,144	63,806	488,397	255,416	232,981
70 to 74 years.....	623	611	12	623,594	310,780	312,814	70,323	35,357	34,966	336,967	172,571	164,216
75 to 79 years.....	187	184	3	378,823	185,109	193,714	33,957	16,925	17,032	208,212	105,412	102,800
80 to 84 years.....	56	53	2	179,251	84,278	94,973	14,014	6,761	7,253	101,290	50,262	51,028
85 to 89 years.....	25	24	1	67,966	30,166	37,800	5,537	2,596	2,941	37,433	18,081	19,352
90 to 94 years.....	4	4		16,032	7,041	9,591	1,495	736	759	9,034	4,193	4,841
95 to 99 years.....				2,766	1,043	1,711	278	153	155	1,723	757	956
100 years and over.....				439	180	259	32	20	126	293	126	167
Age unknown.....	2,842	2,774	68	97,509	68,769	28,740	10,504	5,637	4,867	26,211	19,706	6,505

AGE DISTRIBUTION.

123

PER CENT DISTRIBUTION BY AGE PERIODS OF THE POPULATION OF THE UNITED STATES: 1910.

Table 2 AGE PERIOD.	ALL CLASSES.			WHITE.			NEGRO.			INDIAN.		
	Both sexes.	Male.	Female.	Both sexes.	Male.	Female.	Both sexes.	Male.	Female.	Both sexes.	Male.	Female.
All ages.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.9	100.0	100.0	100.0	100.0
Under 5 years.....	11.6	11.4	11.8	11.4	11.2	11.6	12.9	12.9	12.8	15.2	14.9	15.5
Under 1 year.....	2.4	2.4	2.5	2.4	2.4	2.4	2.6	2.6	2.6	3.1	3.1	3.1
5 to 9 years.....	10.6	10.4	10.8	10.4	10.2	10.6	12.7	12.7	12.7	13.8	13.6	13.9
10 to 14 years.....	9.9	9.7	10.1	9.7	9.5	9.9	11.8	11.8	11.7	11.8	12.0	11.6
15 to 19 years.....	9.9	9.6	10.2	9.7	9.5	10.0	10.8	10.4	11.2	10.7	10.8	10.6
20 to 24 years.....	9.8	9.7	10.0	9.8	9.7	9.9	10.5	9.9	11.1	8.2	8.3	8.1
25 to 29 years.....	8.9	9.0	8.8	8.9	9.0	8.8	9.0	8.6	9.3	6.8	6.8	6.8
30 to 34 years.....	7.6	7.7	7.4	7.7	7.8	7.5	6.8	6.8	6.8	5.7	5.7	5.7
35 to 39 years.....	7.0	7.1	6.8	7.0	7.2	6.8	6.4	6.6	6.3	5.6	5.7	5.4
40 to 44 years.....	5.7	5.9	5.5	5.8	6.0	5.7	4.6	4.7	4.6	4.5	4.5	4.5
45 to 49 years.....	4.9	5.0	4.7	5.0	5.1	4.8	3.9	4.1	3.8	3.7	3.8	3.7
50 to 54 years.....	4.2	4.5	4.0	4.8	4.5	4.1	3.3	3.7	3.0	3.5	3.6	3.4
55 to 59 years.....	3.0	3.1	2.9	3.1	3.2	3.0	2.1	2.4	1.9	2.7	2.7	2.7
60 to 64 years.....	2.5	2.5	2.4	2.5	2.6	2.5	1.9	2.1	1.7	2.5	2.5	2.4
65 to 69 years.....	1.8	1.8	1.8	1.9	1.9	1.9	1.3	1.4	1.1	1.7	1.7	1.7
70 to 74 years.....	1.2	1.2	1.2	1.3	1.2	1.3	0.8	0.8	0.8	1.3	1.2	1.4
75 to 79 years.....	0.7	0.7	0.8	0.8	0.7	0.8	0.4	0.5	0.4	0.8	0.7	0.9
80 to 84 years.....	0.3	0.3	0.4	0.4	0.3	0.4	0.3	0.2	0.3	0.6	0.5	0.7
85 to 89 years.....	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.3	0.2	0.3
90 to 94 years.....	(1)	(1)	(1)	(1)	(1)	(1)	0.1	(1)	0.1	0.2	0.1	0.2
95 to 99 years.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.1	0.1	0.1
100 years and over.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Age unknown.....	0.2	0.2	0.1	0.2	0.2	0.1	0.3	0.3	0.3	0.4	0.4	0.4

Table 2—Continued.

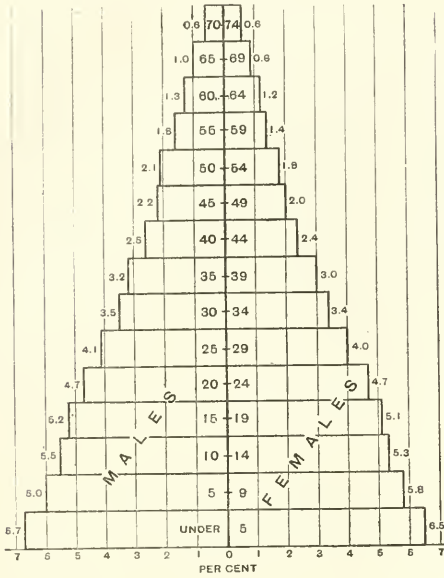
AGE PERIOD.	CHINESE, JAPANESE, AND ALL OTHER.			NATIVE WHITE.						FOREIGN-BORN WHITE.		
	Both sexes.	Male.	Female.	Native parentage.			Foreign or mixed parentage.			Both sexes.	Male.	Female.
				Both sexes.	Male.	Female.	Both sexes.	Male.	Female.			
All ages.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	3.3	1.8	17.0	13.2	13.2	13.3	14.2	14.3	14.0	0.8	0.7	0.9
Under 1 year.....	0.8	0.4	4.0	2.8	2.8	2.8	3.1	3.1	3.0	0.1	(1)	0.1
5 to 9 years.....	1.6	0.9	8.2	11.8	11.8	11.9	12.3	12.4	12.1	2.2	2.0	2.5
10 to 14 years.....	1.4	1.0	5.0	10.8	10.7	10.8	11.8	11.9	11.7	2.7	2.4	3.0
15 to 19 years.....	4.3	4.2	5.3	10.3	10.1	10.5	11.7	11.6	11.7	5.0	4.7	5.5
20 to 24 years.....	12.2	12.0	14.6	9.5	9.2	9.7	9.9	9.7	10.1	10.7	11.0	10.4
25 to 29 years.....	16.0	15.8	17.5	8.2	8.1	8.3	8.2	8.0	8.3	12.5	13.2	11.5
30 to 34 years.....	14.7	14.8	17.7	6.9	6.9	6.8	7.2	7.1	7.3	11.3	11.8	10.6
35 to 39 years.....	10.9	11.2	8.2	6.2	6.3	6.0	6.8	6.7	6.8	10.6	10.8	10.2
40 to 44 years.....	9.5	10.0	4.4	5.0	5.0	4.8	5.4	5.4	5.4	9.8	10.0	9.5
45 to 49 years.....	8.4	9.0	2.2	4.2	4.3	4.1	4.5	4.5	4.4	8.6	8.7	8.4
50 to 54 years.....	6.9	7.4	1.5	3.9	4.1	3.7	3.6	3.7	3.5	6.9	7.0	6.9
55 to 59 years.....	4.1	4.4	1.0	3.0	3.1	2.9	2.0	2.1	2.0	5.2	5.1	5.4
60 to 64 years.....	3.3	3.6	0.5	2.5	2.5	2.4	1.1	1.2	1.1	4.7	4.4	5.1
65 to 69 years.....	1.0	1.1	0.3	1.9	1.9	1.9	0.7	0.7	0.7	3.7	3.4	4.0
70 to 74 years.....	0.4	0.5	0.1	1.3	1.2	1.3	0.4	0.4	0.4	2.5	2.3	2.8
75 to 79 years.....	0.1	0.1	(1)	0.8	0.7	0.8	0.2	0.2	0.2	1.6	1.4	1.8
80 to 84 years.....	(1)	(1)	(1)	0.4	0.3	0.4	0.1	0.1	0.1	0.8	0.7	0.9
85 to 89 years.....	(1)	(1)	(1)	0.1	0.1	0.2	(1)	(1)	(1)	0.3	0.2	0.3
90 to 94 years.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.1	0.1	0.1
95 to 99 years.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
100 years and over.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Age unknown.....	1.9	2.1	0.5	0.2	0.3	0.1	0.1	0.1	0.1	0.2	0.3	0.1

Less than one-tenth of 1 per cent.

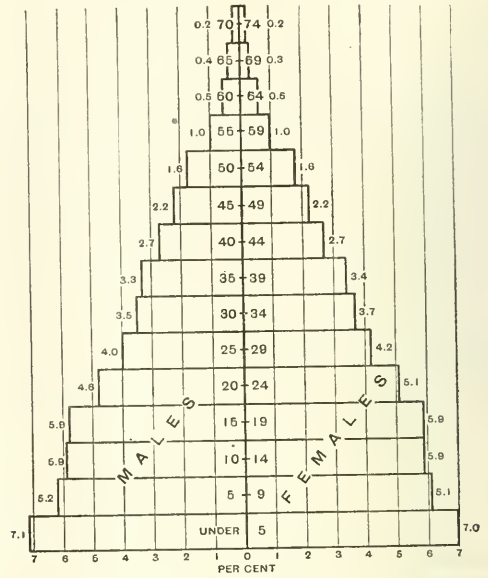
ABSTRACT OF THE CENSUS—POPULATION.

DISTRIBUTION BY AGE PERIODS OF THE PRINCIPAL CLASSES OF THE POPULATION: 1910.

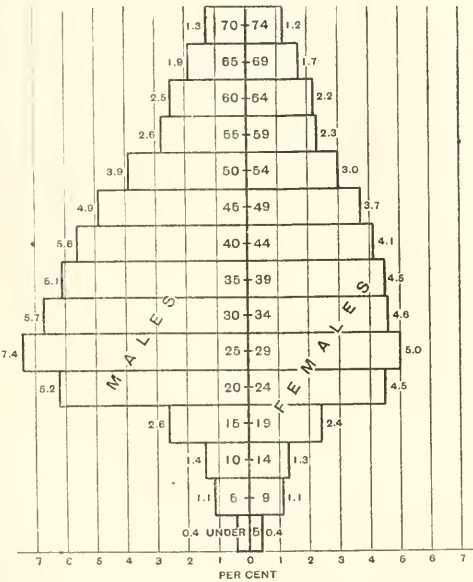
NATIVE WHITE OF NATIVE PARENTAGE.



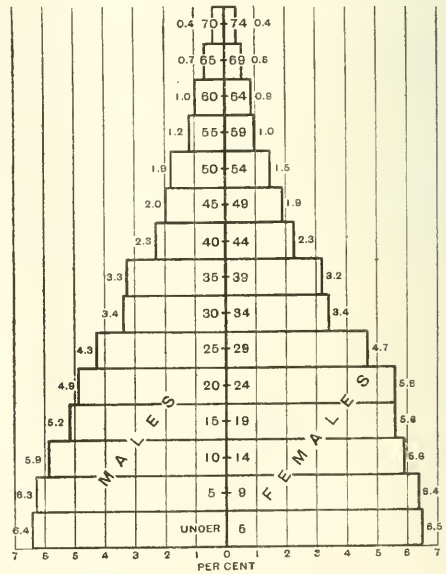
NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE.



FOREIGN-BORN WHITE.



NEGRO.



In the case of the United States the distribution by age, and more especially by sex at different ages, is materially affected by the presence of the foreign born. The immigrants are mostly of adult age when they arrive in this country and comprise more males than females. Consequently the bars in the diagram on page 124 representing the age periods of adult life are somewhat longer than they would be for a population recruited solely by natural increase, and the side of the diagram representing the males is extended disproportionately.

The wide differences in the age distribution of the principal classes of the population are best shown by the four accompanying diagrams, which relate to the native whites of native parentage, the native whites of foreign or mixed parentage, the foreign-born whites, and the negroes, respectively.

No two of these diagrams are identical in form, and the only one whose shape has not been influenced more or less by immigration is that representing the negro population. The extraordinary character of the age distribution of the foreign-born whites is obvious at a glance. The number in the older age groups actually exceeds materially the number in the younger age groups, which is not true of any of the native classes. The great excess of males over females in this class is also conspicuously shown. The sex and age distribution of the Chinese and Japanese, who are largely foreign born, is also highly abnormal, as shown by Table 2.

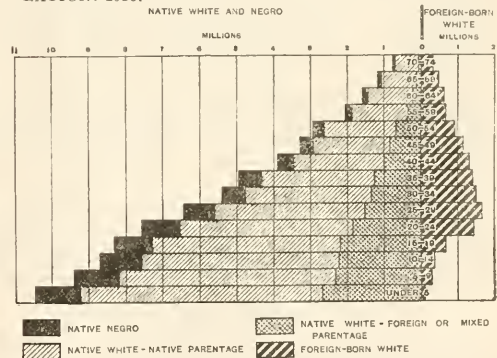
The influence of the foreign born upon the age distribution of our population does not cease upon their arrival in this country. The children born to them after their arrival are, of course, included with the native population, and if the total native population were shown by ages it would be found that the number of children was relatively somewhat greater than would be the case if the population were recruited solely by natural increase. This condition is brought out especially by the diagram showing the native white population of foreign or mixed parentage. In this group the proportion of children is somewhat larger, and the proportion of persons in the most advanced age groups much smaller, than in the case of the native white population of native parentage or the negro population. This is largely due to the fact that immigration to this country has greatly increased in volume in recent years. If immigration should fall off or cease altogether, it is obvious that after a time the age composition of the second generation, consisting of the children born of immigrants, would become abnormal in having an unduly small—instead of an unduly large—proportion of persons in the younger age periods.

Even the native white population of native parentage is indirectly affected in its age distribution by immigration, since the children of the native whites of foreign or mixed parentage are included in the class of natives of native parentage. Nevertheless, the age

distribution of the native whites of native parentage in the United States as a whole corresponds very closely to that of a normal population unaffected by migration. A comparison of the diagram for this class with that for the negroes, therefore, indicates approximately the relative tendencies of the two races with respect to birth and mortality rates. Among the native whites of native parentage the percentage of persons in the older age groups is higher than among the negroes. Doubtless this difference is partly due to a lower death rate among the native whites than among the negroes, but it may also be affected by the relative birth rate of the two classes or by changes in the birth rate within the same class. A decline in the birth rate is a factor which tends to reduce the relative importance of the younger age groups and increase that of the older. It is practically certain that the birth rate in the case of the white population of native stock has been steadily declining for many years. If there is a similar tendency among the negroes it is probably of more recent origin than in the case of the whites. The proportion of persons under 5 years of age is, however, also higher for the native whites of native parentage than for the negroes, doubtless partly because of the high infant mortality among negroes.

The diagram below, based on absolute numbers, is designed to show primarily the contrast in age distribution between the native white and native negro population and the foreign-born white population.

DISTRIBUTION BY AGE PERIODS OF NATIVE WHITE AND NEGRO AND OF FOREIGN-BORN WHITE POPULATION: 1910.



Classification by broader age periods: 1910.—For many purposes it is desirable to adopt an age classification which is less detailed than the one used in the preceding tables and diagrams and at the same time corresponds approximately to certain well-recognized periods of life. Thus, the years under 5 may be roughly designated as early childhood; those from 5 to 14 as the school period; those from 15 to 24 as the period of youth; those from 25 to 44 as the prime of life; those from 45 to 64 as middle or late middle life; and those 65 and over as old age.

Table 3 shows, for 1910, the distribution of the total population of the United States and of the principal race, nativity, and parentage classes by sex according to these six age periods. In this, as in most of the following tables, the insignificant number of unknown age is not shown separately, but is included in the totals upon which the percentages for the several age periods are based. The percentages would scarcely differ at all if they were based on the population of known age instead of the total population.

Table 3 CLASS OF POPULATION AND AGE PERIOD.	POPULATION, 1910			PER CENT.			Males to 100 females.
	Total.	Male.	Female.	Total.	Male.	Female.	
Total population.....	91,872,266	47,322,277	44,549,989	100.0	100.0	100.0	100.0
Under 5 years.....	10,631,264	5,380,596	5,250,768	11.6	11.4	11.8	102.5
5 to 14 years.....	18,867,772	9,525,975	9,341,898	20.5	20.1	20.9	102.0
15 to 24 years.....	18,120,587	9,107,572	9,013,015	19.7	19.2	20.2	101.0
25 to 44 years.....	26,869,875	14,054,482	12,755,393	29.1	29.7	28.6	110.2
45 to 64 years.....	13,424,089	7,163,332	6,260,757	14.6	15.1	14.0	114.4
65 years and over.....	3,949,524	1,955,976	1,993,548	4.3	4.4	4.4	101.0
Native white—Native							
percentage.....	48,488,575	25,229,218	24,259,357	100.0	100.0	100.0	104.0
Under 5 years.....	6,546,282	3,326,237	3,220,045	13.2	13.2	13.3	103.3
5 to 14 years.....	11,185,298	5,669,896	5,515,412	22.6	22.5	22.7	102.8
15 to 24 years.....	9,771,977	4,985,422	4,886,555	21.4	21.3	21.5	102.2
25 to 44 years.....	12,038,631	6,646,210	6,394,221	28.2	28.3	28.1	105.1
45 to 64 years.....	6,740,000	3,547,325	3,192,675	13.6	14.1	13.2	111.1
65 years and over.....	2,201,068	1,069,349	1,131,719	4.4	4.3	4.6	98.0
Native white—Foreign							
or mixed parentage.....	18,897,837	9,425,239	9,472,598	100.0	100.0	100.0	99.5
Under 5 years.....	2,674,125	1,370,473	1,303,652	14.2	14.3	14.0	102.0
5 to 14 years.....	4,551,444	2,389,629	2,161,815	24.1	24.0	24.0	101.2
15 to 24 years.....	4,078,683	2,008,822	2,069,861	21.6	21.3	21.8	97.1
25 to 44 years.....	5,210,109	2,565,634	2,644,475	27.6	27.2	27.9	97.0
45 to 64 years.....	2,117,336	1,076,222	1,041,114	11.2	11.4	11.0	103.4
65 years and over.....	265,256	128,692	126,924	1.4	1.4	1.3	101.4
Foreign-born white.....	13,345,545	7,523,788	5,821,757	100.0	100.0	100.0	129.2
Under 5 years.....	1,027,507	511,940	505,567	0.8	0.7	0.9	102.7
5 to 14 years.....	659,829	331,825	328,004	4.9	4.4	5.6	102.2
15 to 24 years.....	2,104,142	1,179,574	924,568	15.8	15.6	15.9	126.6
25 to 44 years.....	5,879,979	3,442,770	2,437,209	44.1	46.8	41.9	141.3
45 to 64 years.....	3,392,518	1,894,735	1,497,783	25.4	28.2	25.7	126.5
65 years and over.....	1,183,349	607,008	576,341	8.9	8.1	9.9	105.3
Negro.....	9,827,763	4,885,881	4,941,882	100.0	100.0	100.0	98.9
Under 5 years.....	1,263,288	629,320	633,968	12.9	12.9	12.8	99.3
5 to 14 years.....	2,401,819	1,197,275	1,204,570	24.4	24.5	24.4	99.4
15 to 24 years.....	2,961,211	1,500,162	1,461,049	31.3	30.3	32.3	89.9
25 to 44 years.....	2,638,178	1,304,093	1,334,085	26.6	26.8	27.0	97.8
45 to 64 years.....	1,105,103	595,554	512,549	11.3	12.2	10.4	115.2
65 years and over.....	294,124	152,482	141,642	3.0	3.1	2.9	107.7
Indian.....	265,683	135,133	130,550	100.0	100.0	100.0	100.6
Under 5 years.....	40,384	20,202	20,182	15.2	14.9	15.5	103.1
5 to 14 years.....	67,904	34,548	33,356	25.6	25.6	25.6	103.5
15 to 24 years.....	25,639	12,579	13,060	9.6	9.6	9.6	105.2
25 to 44 years.....	60,175	30,840	29,335	22.6	22.8	22.5	105.1
45 to 64 years.....	32,925	17,055	15,870	12.4	12.6	12.2	107.5
65 years and over.....	12,986	6,130	6,856	4.9	4.8	5.3	89.4
Chinese, Japanese, and							
all other.....	146,863	133,018	13,845	100.0	100.0	100.0	960.8
Under 5 years.....	4,778	2,424	2,354	3.3	1.8	17.0	103.0
5 to 14 years.....	4,438	2,609	1,829	3.1	2.0	13.2	142.6
15 to 24 years.....	21,214	11,456	9,758	18.5	16.2	19.7	751.9
25 to 44 years.....	74,993	68,930	6,063	51.1	51.8	43.8	1,136.9
45 to 64 years.....	33,157	32,441	716	22.6	24.4	5.2	4,530.9
65 years and over.....	2,411	2,345	66	1.6	1.8	0.5	(1)

¹ Ratio not shown, the number of females being less than 100.

For convenience of comparison, the per cent distribution of the totals for the several classes shown in Table 3 is reproduced in Table 4.

Table 4 AGE PERIOD.	Total.	NATIVE WHITE.		Foreign-born white.	Negro.	Indian.	Chinese, Japanese, and all other.
		Native.	Foreign or mixed parentage.				
All ages.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.6	13.2	14.2	0.8	12.9	15.2	3.3
5 to 14 years.....	20.5	22.6	24.1	4.9	24.4	26.6	3.9
15 to 24 years.....	19.7	19.7	21.6	16.8	21.3	18.9	16.5
25 to 44 years.....	29.1	26.2	27.6	44.1	26.8	22.6	51.1
45 to 64 years.....	14.6	13.6	11.2	25.4	11.3	12.4	22.6
65 years and over.....	4.3	4.4	4.4	8.0	3.0	4.9	1.6

Of the population of the country as a whole in 1910, children under 5 years of age formed 11.6 per cent; children from 5 to 14, 20.5 per cent; young persons from 15 to 24, 19.7 per cent; men and women from 25 to 44, 29.1 per cent; those from 45 to 64, 14.6 per cent; and those of 65 and over, 4.3 per cent. Table 4 shows clearly the differences already noted among the several classes of the population. Thus among native whites of foreign or mixed parentage children under 5 in 1910 formed 14.2 per cent of the total, the corresponding percentage for native whites of native parentage being 13.2; on the other hand, only 12.6 per cent of the former were 45 years of age and over, as compared with 18.1 per cent of the latter. Conspicuously large is the proportion of the foreign-born whites who are in the prime of life, the percentage of this class in the age period 25 to 44 being 44.1, as compared with 26.2 per cent for the native whites of native parentage, 27.6 for the native whites of foreign or mixed parentage, and 26.8 for the negroes.

Table 3 facilitates comparisons of the relative numbers of the two sexes in different age periods. In the total population of the country males outnumber females in each of the six age periods designated, the excess being particularly great in the age periods 25 to 44 and 45 to 64, where the disparity of the sexes among immigrants has its greatest effect. While, as already stated, the general age distribution of the native whites of native parentage, and still more, that of the native whites of foreign or mixed parentage, is indirectly affected by immigration, the relative numbers of the two sexes in those classes are, of course, independent of immigration and depend solely upon differences in the numbers of males and females born and the numbers dying at different ages. Among the native whites of native parentage the males, according to the returns, somewhat exceed the females in the two youngest age periods shown in the table and are again in excess in the age period 25 to 44, and conspicuously so in the period 45 to 64, but in the period 15 to 24 years the females slightly outnumbered the males.

It is not easy to explain why the figures show such a marked excess of males over females in the native white population of native parentage, and more particularly why this excess should be largely concentrated in the age groups from 25 to 64 years of age. If these conditions actually exist, they would seem to indicate a much higher death rate among females than among males in the most active period of life, followed by a higher death rate among males in the later years. It is improbable, however, that any differences in the death rates of the two sexes wholly explain these conditions. The reported age distribution of the two sexes and therefore the sex ratio by age groups may be affected by a greater tendency on the part of females to understate their age. It is not improbable, furthermore, that some persons of foreign birth or of native birth and foreign parentage are returned at the census as natives of native parentage.

This error would be more likely to occur in the case of males than of females, for the reason that the former predominate among the foreign born and for the further reason that the floating population, for which accurate information is difficult to obtain, consists mostly of males. It is possible also that the returns are affected in some slight degree by duplications, and this source of error would also be more apt to exaggerate the number of men than of women, for the reason that men are more likely to be away from home and therefore are more liable to be counted twice, once where they are and again where they reside when at home.

Among the native whites of foreign or mixed parentage the females are in excess both in the age period 15 to 24 and in that from 25 to 44, but the males are in excess in the most advanced age period as well as in the younger ages. Among negroes also the conditions are quite different from those among native whites of native parentage. Females outnumber males in all of the age periods specified up to 44 years, but males are considerably in excess in the periods 45 to 64 and 65 years and over.

Comparing the percentages in the several age groups for the two sexes, it will be seen that the greatest disparity in the case of the native whites of native parentage is in the age period 45 to 64 years, which in 1910 comprised 14.1 per cent of the males but only 13.2 per cent of the females. On the other hand, only 4.3 per cent of the males in this class were 65 years of age and over, as compared with 4.6 per cent of the females. For the negroes the most conspicuous differences between males and females were in the age period 15 to 24 years, which comprised a decidedly larger proportion of the total number of females than of the total number of males, and in the age period 45 to 64 years, in which the opposite was the case.

Comparison with previous censuses.—Table 5 shows the age distribution of the total population of the United States in 1910 and 1900, respectively, by five-year periods. The differences between the two censuses, while significant, are too small to be very clearly shown by means of a diagram.

The proportion of the total population in each of the age periods under 15 years was smaller in 1910 than in 1900, while the proportion for the periods from 20 to 69 years, inclusive, was greater in 1910 than in 1900. The change which is thus shown for the past decade is a continuation of a tendency manifest for some time past. In 1880, 26.7 per cent of the population was under ten years of age; in 1890, 24.3 per cent; in 1900, 23.7 per cent; and in 1910, 22.2 per cent. Such a change might be due to any one or more of three causes—a declining birth rate, a change in mor-

tality rates, or increased immigration. Doubtless the first and third causes are actually operative. Mortality statistics, however, indicate that there has been a relatively greater reduction in death rates among children than among adults; consequently unless the birth rate had fallen off considerably one would have expected, after allowing for other factors, a larger proportion of children in 1910 than in 1900.

Table 5

AGE PERIOD.	TOTAL POPULATION.		PER CENT OF TOTAL.	
	1910	1900	1910	1900
All ages.....	91,372,266	75,994,575	100.0	100.0
Under 5 years.....	10,631,364	9,170,828	11.6	12.1
Under 1 year.....	2,217,342	1,916,892	2.4	2.5
5 to 9 years.....	9,760,432	8,574,123	10.6	11.7
10 to 14 years.....	9,107,140	8,080,244	9.9	10.6
15 to 19 years.....	9,065,603	7,556,069	9.9	9.9
20 to 24 years.....	9,056,984	7,355,016	9.8	9.7
25 to 29 years.....	8,180,003	6,529,441	8.9	8.6
30 to 34 years.....	6,972,185	5,556,039	7.6	7.3
35 to 39 years.....	6,396,100	4,964,781	7.0	6.5
40 to 44 years.....	5,261,587	4,247,168	5.7	5.6
45 to 49 years.....	4,469,197	3,454,512	4.9	4.5
50 to 54 years.....	3,900,791	2,942,829	4.2	3.9
55 to 59 years.....	2,786,951	2,211,172	3.0	2.9
60 to 64 years.....	2,267,150	1,791,983	2.5	2.4
65 to 69 years.....	1,679,503	1,302,926	1.8	1.7
70 to 74 years.....	1,113,728	883,841	1.2	1.2
75 to 79 years.....	667,302	519,857	0.7	0.7
80 to 84 years.....	321,754	251,512	0.3	0.3
85 to 89 years.....	122,818	88,660	0.1	0.1
90 to 94 years.....	33,473	23,992	(1)	(1)
95 to 99 years.....	7,391	6,265	(1)	(1)
100 years and over.....	3,555	3,504	(1)	(1)
Age unknown.....	169,055	200,584	0.2	0.3

¹ Less than one-tenth of 1 per cent.

It may be noted that the proportion of centenarians, according to the census returns, was less in 1910 than in 1900. In fact, the proportion has steadily decreased from census to census for over half a century. The number of centenarians reported in 1910 was equal to 4 for each 100,000 of the total population, while the corresponding ratio in 1850 was 11. It is improbable that any such decrease in longevity has actually occurred. By no means have all those who report themselves as 100 years old or more, in fact, reached that age, and the apparent reduction in the proportion of centenarians is probably due to greater accuracy in the returns.

Table 6 compares the distribution of the population at the last two censuses, by classes, among a more limited number of age periods.

The most significant statistics in this table are those for the native whites of native parentage and the negroes, since the age distribution of these two classes is the least distorted by the influence of immigration. In both of these classes the proportion in the younger age periods was somewhat smaller in 1910 than in 1900, and the proportion in the older age periods somewhat greater.

Table 6

AGE PERIOD.	ALL CLASSES.		NATIVE WHITE.				FOREIGN-BORN WHITE.		NEGRO.	
	1910	1900	Native parentage.		Foreign or mixed parentage.		1910	1900	1910	1900
			1910	1900	1910	1900				
All ages, number ¹	91,972,266	75,994,575	49,488,575	40,949,382	12,897,837	15,646,017	13,345,545	10,213,817	9,827,763	8,833,994
Under 5 years.....	10,631,364	9,170,628	6,546,282	5,464,881	2,674,125	2,402,702	102,507	52,369	1,263,288	1,215,655
5 to 14 years.....	18,807,772	16,954,357	11,185,298	9,834,010	4,531,444	4,304,197	656,839	438,757	2,401,819	2,394,748
15 to 24 years.....	18,120,557	18,201,035	9,771,977	8,040,502	4,078,683	3,356,343	2,104,142	1,381,228	2,091,211	1,851,194
25 to 44 years.....	26,809,875	21,297,427	12,946,441	10,272,124	5,210,109	4,393,428	5,879,979	4,414,590	2,638,178	2,133,959
45 to 64 years.....	13,424,089	10,399,976	6,740,000	5,509,928	2,117,386	1,039,960	3,392,518	2,831,646	1,108,103	958,234
65 years and over.....	3,949,524	3,080,498	2,201,068	1,715,226	255,886	141,146	1,183,349	950,347	294,121	261,363
All ages, percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.6	12.1	13.2	13.3	14.2	15.4	0.8	0.5	12.9	13.8
5 to 14 years.....	20.5	22.3	22.6	24.0	24.1	27.5	4.9	4.5	24.4	26.0
15 to 24 years.....	19.7	19.6	19.7	19.6	21.6	21.5	15.5	12.1	22.1	22.1
25 to 44 years.....	29.1	28.0	26.2	25.1	27.6	28.1	44.1	43.2	26.8	23.8
45 to 64 years.....	14.6	13.7	13.6	13.5	11.2	6.6	25.4	27.7	11.3	10.8
65 years and over.....	4.3	4.1	4.4	4.2	1.4	0.9	8.9	9.3	3.0	3.0

¹Includes a small number of persons of unknown age.

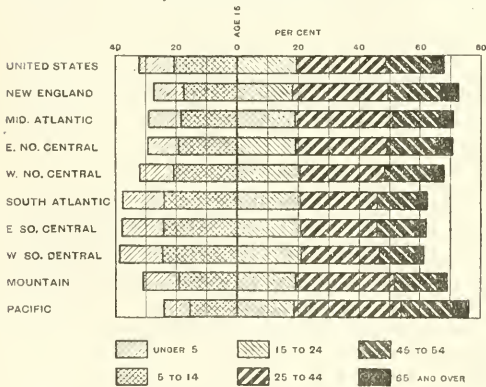
DIVISIONS AND STATES.

Geographic divisions.—That very considerable differences exist among the divisions of the country with respect to the age distribution of the population will be seen from Table 7 and the accompanying diagram, which show, by percentages, the distribution of the total population of each of the nine geographic divisions in 1910 among certain broad age groups.

Table 7

AGE PERIOD.	PER CENT OF TOTAL POPULATION: 1910								
	New England.	Middle Atlantic.	East North-Central.	West North-Central.	South Atlantic.	East South-Central.	West South-Central.	Mountain.	Pacific.
All ages.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.8	10.5	10.5	11.3	13.6	13.8	14.1	11.6	8.6
5 to 14 years.....	17.4	18.4	19.1	20.6	24.0	24.3	24.7	19.5	15.6
15 to 24 years.....	18.3	19.4	19.3	20.2	20.4	20.6	19.2	18.7	17.0
25 to 44 years.....	31.4	31.7	29.8	28.4	25.8	25.4	26.0	32.4	32.1
45 to 64 years.....	17.1	15.4	16.1	14.8	12.6	12.4	11.6	14.0	16.9
65 years and over.....	5.9	4.4	5.1	4.6	3.6	3.5	2.8	3.0	4.5

DISTRIBUTION BY AGE PERIODS OF TOTAL POPULATION BY DIVISIONS: 1910.



The factors producing these differences in age distribution are complex. The racial composition of the population, the extent to which it has been recruited by immigration from abroad and the periods at which such immigration has chiefly occurred, the relative

proportions of urban and rural population, and the degree in which the population has gained or lost through interstate migration are important causes affecting the age distribution of the population of the several divisions, aside from the birth rates and death rates.

In each of the four northern divisions, persons in the younger age periods form a smaller proportion of the total population, and those in the more advanced age periods a larger proportion, than in any of the three southern divisions. In considering these differences it should be borne in mind that the northern divisions contain relatively a much larger urban population than the southern, and that they have received relatively far more foreign immigrants, while, on the other hand, the South has many more negroes than the North. The age period 25 to 44 years comprises a larger proportion of the total population in the Mountain and Pacific divisions than in any other division.

Table 11, pages 131 and 132, shows, by divisions, the age distribution of the total population and of the principal race, nativity, and parentage classes in 1910, with comparative figures for 1900. A detailed study of the absolute numbers and percentages for the several classes will help to explain the differences among the several divisions as regards the age distribution of the total population. It is of particular interest to compare the statistics with reference to the native whites of native parentage—a class which is largely represented in every geographic division, and whose age distribution is little affected by immigration from abroad, although much affected by migration from one division to another. For this class, considered by itself, differences in age distribution appear between the North, the South, and the West which correspond approximately to the differences between these sections with respect to the age distribution of the total population. There are relatively fewer children and relatively more persons in the prime of life and the older ages, in the northern divisions than in the southern. One explanation for this fact may be that the birth rate has declined in the North more than in the South. In fact, the North has lost more people in the prime of life by migration to the West than has the South, and had there been no

interstate migration a still greater disparity would probably appear between the North and the South in the age distribution of the native whites of native parentage.

The most conspicuous contrast is that between the New England division and the West South Central. In the former in 1910 only 9.6 per cent of the native whites of native parentage were children under 5 years of age, while 29.2 per cent were 45 years of age and over. In the West South Central division 15.2 per cent of the persons in this class were under 5 years of age, and only 13.5 per cent were 45 years of age and over.

Although the Mountain and Pacific divisions differ considerably from each other with respect to the age distribution of the native whites of native parentage, in both, as in the case of the total population of all classes, persons from 25 to 44 years of age—the most active ages—constitute a larger proportion of the population of this class than in any of the other divisions. This is undoubtedly due chiefly to migration, especially from the northern divisions, to the West.

States.—Table 12, pages 133 to 135, shows, in absolute numbers, by states, the age distribution of the total population and of each of the four most important color or race, nativity, and parentage classes. Table 13, page 136, presents percentages by age periods for the total population of each state. In interpreting the differences among the states, the causes already mentioned as affecting the conditions in the several geographic divisions should be borne in mind.

URBAN AND RURAL COMMUNITIES.

Urban and rural communities differ greatly with respect to the age distribution of the population, as appears from Table 8, which gives statistics for the United States as a whole in 1910, and from the accompanying diagram, which groups the ages into three main periods. Urban communities, as defined by the Census Bureau, comprise all incorporated places of 2,500 inhabitants or more, including New England towns of that size.

The absolute numbers presented in this table are quite as significant as the percentages. In the United States as a whole there are many more persons in each of the age groups comprising persons under 20 years of age in the rural communities than in the urban communities, but in each of the age groups comprising persons from 20 to 54 years of age, which embrace the most active period of life, there are more persons in urban than in rural communities. On the other hand, the rural communities contained more persons in advanced middle life and old age. The urban communities contained in 1910 considerably less than half (46.3 per cent) of the total population of the country of all ages, but they contained over half (51.8 per cent) of the persons between 20 and 54 years of age. There were 22,925,133 persons between 20 and 54

in urban communities, as compared with 21,311,714 in rural communities. Such persons constituted 53.8 per cent of the total urban population, but only 43.2 per cent of the rural.

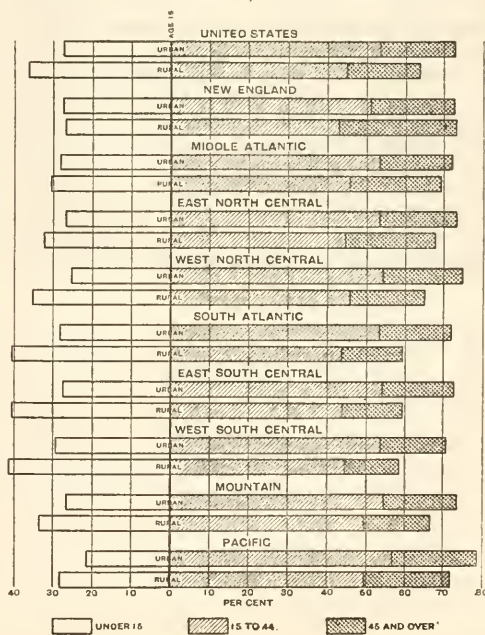
Table 8

AGE PERIOD.	POPULATION: 1910		PER CENT OF TOTAL.	
	Urban.	Rural.	Urban.	Rural.
All ages ¹	42,623,383	49,348,853	100.0	100.0
Under 5 years.....	4,200,291	6,431,073	9.9	13.0
5 to 9 years.....	3,773,917	5,986,715	8.9	12.1
10 to 14 years.....	3,627,408	5,479,732	8.5	11.1
15 to 19 years.....	4,033,271	5,093,332	9.4	10.3
20 to 24 years.....	4,570,558	4,486,426	10.7	9.1
25 to 29 years.....	4,338,392	3,841,611	10.2	7.8
30 to 34 years.....	3,697,202	3,274,983	8.7	6.6
35 to 44 years.....	6,133,259	5,524,428	14.4	11.2
45 to 64 years.....	4,181,722	4,184,266	9.8	8.5
65 to 64 years.....	2,302,142	2,751,959	5.4	5.6
65 years and over.....	1,693,010	2,256,514	4.0	4.6
Under 5 years.....	4,200,291	6,431,073	9.9	13.0
5 to 14 years.....	7,401,325	11,466,447	17.4	23.2
15 to 24 years.....	8,573,829	9,546,758	20.1	19.3
25 to 44 years.....	14,168,853	12,641,022	33.2	25.6
45 to 64 years.....	6,487,884	6,436,228	15.2	14.1
65 years and over.....	1,693,010	2,256,514	4.0	4.6

¹ Includes a small number of persons of unknown age.

This great disparity is due chiefly to two causes: First, the fact that the foreign born, who when they immigrate to this country are mainly of adult age, go chiefly to the cities; and, second, the fact that most of the native born who move from country to city are adults in the most active period of life. It is impossible to draw any conclusions as to the relative fecundity, or the relative longevity, of the urban and the rural population from the statistics, because of the powerful effect of these two causes on the age distribution.

DISTRIBUTION BY AGE PERIODS OF THE URBAN AND RURAL POPULATION, BY DIVISIONS: 1910.



The extent to which differences between urban and rural communities appear in the principal color or race, nativity, and parentage classes of the population may readily be seen from the percentages in the following table:

Table 9

AGE PERIOD.	PER CENT OF TOTAL.							
	Native white.				Foreign-born white.		Negro.	
	Native parentage.		Foreign or mixed parentage.					
	Urban.	Rural.	Urban.	Rural.				
All ages.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.5	14.2	15.0	12.6	0.8	0.7	8.5	14.5
5 to 14 years.....	19.5	24.3	23.9	24.4	5.2	4.1	16.9	27.3
15 to 24 years.....	20.5	19.3	21.7	21.4	17.1	12.4	21.5	21.2
25 to 44 years.....	29.9	24.1	27.7	27.4	45.6	40.1	36.6	23.2
45 to 64 years.....	14.0	13.4	10.7	12.2	23.9	29.5	13.1	10.6
65 years and over.....	4.3	4.5	1.1	1.8	7.3	12.8	2.9	3.0

It will be seen, for example, that in the case of the native whites of native parentage in urban communities in 1910, 11.5 per cent were under 5 years of age, as compared with 14.2 per cent in rural communities; on the other hand, 29.9 per cent in urban communities were from 25 to 44 years old, but only 24.1 per cent in rural communities. In the case of the foreign-born whites the percentage under 5 years was practically the same in urban as in rural communities, but persons from 25 to 44 years of age formed 45.6 per cent of the total number in urban communities and 40.1 per cent in rural communities. Especially striking is the contrast among the negroes; 8.5 per cent of those in urban communities were under 5 years of age and 36.6 per cent between 25 and 44 years, as compared with 14.5 per cent and 23.2 per cent, respectively, of those in rural communities. In the case of the native whites of foreign or mixed parentage, however, the percentage under 5 years was higher in urban than in rural communities, and there was very little difference between the two classes of communities with respect to the percentages in the age periods from 5 to 44 years. This exceptional condition is doubtless due to the fact that a fairly large proportion of the earlier immigrants into the United

States settled in rural districts, while most of the more recent immigrants have gone to the cities and have contributed large numbers of children to the class of native whites of foreign or mixed parentage there.

The dissimilarity between urban and rural communities with respect to age distribution appears in the case of both sexes, as may be seen from the following table:

Table 10

AGE PERIOD.	POPULATION: 1910				PER CENT OF TOTAL.			
	Male.		Female.		Male.		Female.	
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
All ages ¹	21,496,181	25,836,096	21,127,202	23,512,787	100.0	100.0	100.0	100.0
Under 5 years.....	2,118,706	3,261,890	2,081,583	3,169,183	9.9	12.6	9.9	13.5
5 to 14 years.....	3,689,561	5,836,315	3,711,764	5,630,132	17.2	22.6	17.6	23.9
15 to 24 years.....	4,176,833	4,930,719	4,396,976	4,616,039	19.4	19.1	20.8	19.6
25 to 44 years.....	7,341,394	6,713,088	6,827,459	5,927,934	34.2	26.0	32.3	25.2
45 to 64 years.....	3,320,534	3,542,798	3,167,330	3,093,427	15.4	14.9	15.0	13.2
65 years and over.....	782,062	1,203,911	910,948	1,052,600	3.6	4.7	4.3	4.5

¹ Includes a small number of persons of unknown age.

Table 14, pages 137 and 138, presents age statistics for the urban and rural population of each of the nine geographic divisions in 1910. The statements with regard to conditions in the country as a whole will be found to hold true, with little modification, in most of the geographic divisions.

PRINCIPAL CITIES.

Table 15, pages 139 to 143, shows, for each city of 100,000 inhabitants or more, in absolute numbers and percentages, the age distribution of the total population and of the most important color or race, nativity, and parentage groups.

Table 16, pages 144 and 145, shows the age distribution of the total population of each city of 25,000 to 100,000 inhabitants.

The differences among the various individual cities with respect to age distribution are largely attributable to differences in the extent to which the growth of such cities has been due to migration from abroad or from the smaller towns and rural districts of this country. It is impossible to draw any conclusions as to relative birth rates or death rates from these statistics.

AGE DISTRIBUTION.

131

DISTRIBUTION BY AGE PERIODS OF THE TOTAL POPULATION, BY DIVISIONS: 1910 AND 1900.

[Totals for all ages include persons of unknown age.]

Table 11

DIVISION AND AGE PERIOD.	NATIVE WHITE.										FOREIGN-BORN WHITE.		NEGRO.	
	ALL CLASSES.		Native parentage.				Foreign or mixed parentage.							
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
NEW ENGLAND.														
All ages, number.....	6,652,681	5,582,017	2,813,419	2,511,110	2,052,709	1,579,944	1,814,388	1,436,872	66,706	59,699				
Under 5 years.....	640,826	554,254	250,625	228,461	367,949	307,059	16,105	13,158	5,876	5,382				
5 to 14 years.....	1,140,488	978,968	449,916	428,923	584,678	453,674	95,218	87,007	10,201	8,983				
15 to 24 years.....	1,198,566	1,021,419	430,857	414,188	426,138	322,091	328,889	271,971	11,817	12,553				
25 to 44 years.....	2,087,286	1,785,017	715,822	691,520	476,238	409,453	839,818	646,355	25,680	21,267				
45 to 64 years.....	1,123,678	930,127	520,485	510,033	179,502	85,401	412,109	324,968	10,219	8,779				
65 years and over.....	354,027	328,992	243,514	228,459	18,434	9,596	119,540	88,848	2,356	1,969				
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.8	9.9	9.6	9.1	17.9	19.4	0.9	0.9	8.9	9.1				
5 to 14 years.....	17.4	17.5	17.1	17.1	28.5	28.7	5.2	6.1	15.4	15.2				
15 to 24 years.....	18.3	18.3	16.5	16.5	20.8	20.4	18.1	18.9	17.8	20.9				
25 to 44 years.....	31.4	31.5	27.3	27.5	23.2	25.4	46.3	45.0	38.7	36.0				
45 to 64 years.....	17.1	16.6	19.9	20.3	8.7	5.4	22.7	22.6	15.4	14.9				
65 years and over.....	5.9	5.9	9.3	9.1	0.9	0.6	6.6	6.2	3.0	3.3				
MIDDLE ATLANTIC.														
All ages, number.....	19,316,892	15,454,678	8,462,361	7,408,579	5,691,312	4,402,167	4,826,179	3,302,116	417,870	385,921				
Under 5 years.....	2,050,139	1,690,067	992,447	903,543	983,447	737,478	38,007	19,141	35,298	29,075				
5 to 14 years.....	3,545,324	3,059,428	1,706,924	1,635,930	1,431,837	1,166,317	284,076	167,969	60,674	49,621				
15 to 24 years.....	3,741,376	2,891,567	1,638,953	1,397,388	1,105,167	880,876	912,575	534,129	81,370	75,993				
25 to 44 years.....	6,126,201	4,820,969	2,325,020	1,946,088	1,386,625	1,259,141	2,233,517	1,486,444	173,469	140,009				
45 to 64 years.....	2,977,061	2,296,577	1,270,631	1,104,545	606,283	315,600	1,042,214	833,377	54,458	48,269				
65 years and over.....	851,160	689,339	434,779	384,396	75,482	41,095	309,187	254,779	11,330	8,775				
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.6	10.9	11.7	12.2	17.0	16.8	0.8	0.6	8.4	8.9				
5 to 14 years.....	18.4	19.7	20.9	22.3	25.6	26.5	5.9	5.1	14.5	15.2				
15 to 24 years.....	19.4	18.7	19.4	18.9	19.8	20.0	18.9	16.2	19.3	23.3				
25 to 44 years.....	31.7	31.2	27.5	26.3	24.8	28.6	46.3	45.0	41.5	36.8				
45 to 64 years.....	15.4	14.9	15.0	14.9	10.8	7.2	21.6	25.2	13.0	12.4				
65 years and over.....	4.4	4.5	5.4	5.2	1.3	0.9	6.4	7.7	2.7	2.7				
EAST NORTH CENTRAL.														
All ages, number.....	18,250,621	15,985,581	9,751,968	8,488,016	5,108,434	4,601,740	3,067,220	2,630,227	300,836	257,842				
Under 5 years.....	1,907,713	1,774,036	1,252,251	1,110,104	1,008,706	831,722	29,698	8,476	33,428	21,827				
5 to 14 years.....	3,480,718	3,422,521	2,168,860	2,016,739	1,135,301	1,255,734	126,826	99,319	46,407	47,145				
15 to 24 years.....	3,529,212	3,052,135	1,926,247	1,648,577	1,138,916	1,014,225	402,522	332,259	57,685	54,250				
25 to 44 years.....	5,436,564	4,631,029	2,535,247	2,148,467	1,303,103	1,339,399	1,280,697	1,073,871	113,107	86,767				
45 to 64 years.....	2,936,108	2,315,609	1,370,839	1,164,044	642,011	318,662	872,671	791,583	46,883	39,669				
65 years and over.....	929,514	742,415	479,083	378,154	77,691	42,794	359,558	310,416	12,333	9,140				
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.5	11.1	12.8	13.1	11.9	13.7	0.7	0.3	7.8	8.5				
5 to 14 years.....	19.1	21.4	22.2	23.8	22.2	27.3	4.1	3.8	15.3	18.3				
15 to 24 years.....	19.3	19.1	19.8	19.4	22.3	22.0	13.1	12.7	19.2	21.0				
25 to 44 years.....	29.8	29.1	20.0	25.3	29.4	29.0	41.8	41.0	37.6	33.7				
45 to 64 years.....	16.1	14.5	14.1	13.7	12.6	6.9	28.5	30.2	15.6	14.2				
65 years and over.....	5.1	4.6	4.9	4.5	1.5	0.9	11.7	11.8	4.1	3.5				
WEST NORTH CENTRAL.														
All ages, number.....	11,657,921	10,347,423	6,523,687	5,660,803	3,214,703	2,873,809	1,613,231	1,531,105	242,662	237,909				
Under 5 years.....	1,310,909	1,264,617	971,228	796,711	360,278	435,512	8,583	4,631	19,127	21,510				
5 to 14 years.....	2,400,575	2,385,946	1,530,838	1,422,353	765,238	861,660	84,184	51,790	40,175	50,081				
15 to 24 years.....	2,347,750	2,040,145	1,322,818	1,122,793	780,588	667,035	177,511	180,629	49,177	52,993				
25 to 44 years.....	3,035,668	2,835,700	1,638,080	1,399,536	939,114	738,605	629,015	603,258	86,228	71,548				
45 to 64 years.....	1,718,233	1,366,402	829,423	704,131	322,032	148,722	523,508	476,058	36,996	30,892				
65 years and over.....	532,624	400,689	268,571	199,029	35,282	20,603	216,414	170,202	9,564	8,487				
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.3	12.2	14.1	14.1	11.2	15.2	0.5	0.3	7.9	9.0				
5 to 14 years.....	20.6	23.2	23.5	25.1	23.8	30.0	3.4	3.4	16.6	21.1				
15 to 24 years.....	20.2	19.7	20.3	19.8	24.6	23.2	11.0	12.4	20.3	22.2				
25 to 44 years.....	28.4	27.6	25.1	24.7	29.2	25.7	39.0	41.5	35.5	30.1				
45 to 64 years.....	14.8	13.2	12.7	12.4	10.0	5.2	32.4	31.1	15.1	13.0				
65 years and over.....	4.6	3.9	4.1	3.5	1.1	0.7	13.4	11.1	4.1	3.5				
SOUTH ATLANTIC.														
All ages, number.....	12,184,835	10,443,480	7,341,265	6,107,314	439,843	389,861	290,555	208,883	4,112,488	3,729,017				
Under 5 years.....	1,657,219	1,447,579	1,027,812	886,012	84,688	44,433	2,575	889	570,316	545,284				
5 to 14 years.....	2,920,908	2,627,533	1,746,118	1,527,854	88,228	84,896	15,852	8,976	1,068,275	1,004,008				
15 to 24 years.....	2,483,317	2,106,885	1,470,014	1,260,948	80,447	77,960	46,899	25,866	883,329	824,522				
25 to 44 years.....	3,142,195	2,513,571	1,804,458	1,464,497	131,872	130,888	126,202	80,438	1,016,899	835,014				
45 to 64 years.....	1,530,570	1,274,234	845,517	771,500	72,172	43,403	69,007	64,356	442,296	393,285				
65 years and over.....	439,628	361,353	278,967	214,785	12,072	7,909	29,089	27,089	119,140	111,321				
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	13.6	13.9	14.0	14.0	19.4	11.4	0.4	0.4	13.9	14.6				
5 to 14 years.....	24.0	25.2	23.8	25.0	22.1	21.8	5.5	4.3	26.0	26.9				
15 to 24 years.....	20.4	21.0	20.0	20.6	18.3	20.0	16.1	12.4	21.5	22.1				
25 to 44 years.....	25.8	24.1	25.4	24.0	30.0	33.0	43.4	38.5	24.7	22.4				
45 to 64 years.....	12.6	12.2	12.6	12.6	18.2	11.2	23.8	21.8	10.5	10.5				
65 years and over.....	3.6	3.5	3.8	3.5	2.7	2.0	10.0	13.0	2.9	3.0				

DISTRIBUTION BY AGE PERIODS OF THE TOTAL POPULATION, BY DIVISIONS: 1910 AND 1900—Continued.

[Totals for all ages include persons of unknown age.]

Table 11—Continued.	DIVISION AND AGE PERIOD.		ALL CLASSES.		NATIVE WHITE.				FOREIGN-BORN WHITE.		NEGRO.	
			1910	1900	Native parentage.		Foreign or mixed parentage.		1910	1900	1910	1900
					1910	1900	1910	1900				
EAST SOUTH CENTRAL.												
All ages, number.....	8,409,901	7,547,757	5,452,492	4,725,774	214,977	229,391	86,857	89,692	2,652,513	2,469,836		
Under 5 years.....	1,160,471	1,055,904	796,697	688,544	15,048	18,896	426	249	347,803	348,061		
5 to 14 years.....	2,040,195	1,939,802	1,339,649	1,226,281	32,183	44,517	3,350	2,295	664,288	665,981		
15 to 24 years.....	1,719,229	1,601,614	1,102,123	1,055,975	38,975	50,840	8,430	7,739	563,118	556,432		
25 to 44 years.....	2,134,484	1,794,530	1,343,431	1,103,897	79,934	86,820	29,973	29,158	680,407	669,198		
45 to 64 years.....	1,043,077	881,182	670,749	591,166	34,003	24,157	28,941	14,979	394,000	370,496		
65 years and over.....	237,289	242,903	193,484	147,702	5,654	4,175	15,567	15,003	82,481	75,917		
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
Under 5 years.....	13.8	14.0	14.6	14.6	7.0	8.2	0.5	0.2	13.1	13.9		
5 to 14 years.....	24.3	25.7	24.6	25.9	15.0	19.4	3.9	2.6	25.1	26.6		
15 to 24 years.....	20.4	21.2	20.2	20.9	18.1	22.2	9.7	8.6	21.5	22.3		
25 to 44 years.....	25.4	23.7	24.6	23.4	37.2	37.9	34.5	32.5	25.7	22.8		
45 to 64 years.....	12.4	11.8	12.3	11.9	20.0	10.5	33.3	39.0	11.3	10.8		
65 years and over.....	3.5	3.2	3.5	3.1	2.6	1.8	17.9	1.7	3.1	3.0		
WEST SOUTH CENTRAL.												
All ages, number.....	8,735,534	6,532,250	5,767,449	4,028,944	605,283	478,111	343,759	264,010	1,934,426	1,694,066		
Under 5 years.....	1,235,658	960,174	877,638	632,442	79,676	71,493	6,909	2,862	258,012	242,448		
5 to 14 years.....	2,171,364	1,738,339	1,467,843	1,114,229	148,061	132,535	27,435	17,987	506,974	464,426		
15 to 24 years.....	1,812,549	1,359,289	1,189,485	857,697	127,308	105,905	59,468	35,188	430,272	368,400		
25 to 44 years.....	2,283,059	1,564,774	1,443,297	931,310	169,275	129,619	133,424	101,620	519,967	387,871		
45 to 64 years.....	1,016,938	723,989	632,834	427,889	70,917	35,466	96,022	80,540	209,554	173,389		
65 years and over.....	249,477	160,983	146,523	86,022	8,847	5,652	34,246	23,709	55,073	44,970		
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
Under 5 years.....	14.1	14.7	15.2	15.7	13.2	15.0	1.7	1.1	13.0	14.3		
5 to 14 years.....	24.7	26.6	25.5	27.4	24.5	27.7	7.9	6.8	25.5	27.4		
15 to 24 years.....	20.6	20.8	20.6	20.8	21.1	21.5	14.5	13.6	21.6	21.8		
25 to 44 years.....	26.0	24.0	25.0	23.1	28.0	27.1	38.3	38.5	26.2	22.9		
45 to 64 years.....	11.6	11.1	11.0	10.6	11.7	7.4	27.5	30.5	10.6	10.2		
65 years and over.....	2.8	2.5	2.5	2.1	1.5	1.1	9.8	9.0	2.8	2.7		
MOUNTAIN.												
All ages, number.....	2,633,517	1,674,657	1,466,624	855,101	616,921	436,383	436,910	288,361	21,467	15,590		
Under 5 years.....	345,804	203,676	207,466	122,351	81,530	69,999	4,226	1,526	1,350	981		
5 to 14 years.....	513,074	338,276	327,827	204,824	143,799	124,566	19,668	10,733	2,648	2,010		
15 to 24 years.....	505,551	301,135	286,255	154,449	135,298	92,277	64,581	37,010	3,718	3,258		
25 to 44 years.....	833,011	539,451	420,667	244,651	187,832	122,401	207,779	144,024	9,718	6,731		
45 to 64 years.....	368,028	216,385	179,465	101,365	61,935	24,444	110,164	73,959	3,350	2,083		
65 years and over.....	78,517	45,820	39,295	21,534	6,050	2,409	28,153	18,093	548	282		
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
Under 5 years.....	11.6	12.2	14.1	14.3	13.2	16.0	1.0	0.5	6.3	6.3		
5 to 14 years.....	19.5	21.4	22.3	24.0	23.3	28.5	4.5	3.7	12.3	12.9		
15 to 24 years.....	19.2	18.0	19.5	18.1	21.9	21.1	14.7	12.8	17.3	20.9		
25 to 44 years.....	32.4	32.2	28.2	28.5	30.4	28.0	47.6	49.9	45.3	43.2		
45 to 64 years.....	14.0	12.9	12.2	11.9	10.0	5.6	25.2	26.3	15.6	13.4		
65 years and over.....	3.0	2.7	2.7	2.5	1.0	0.6	6.5	6.3	2.6	1.8		
PACIFIC.												
All ages, number.....	4,192,304	2,416,632	2,108,770	1,168,621	1,053,655	655,501	861,448	472,461	29,195	14,664		
Under 5 years.....	362,626	220,321	224,118	126,713	122,805	86,310	5,778	1,486	1,878	1,087		
5 to 14 years.....	655,316	455,544	387,288	249,377	222,119	180,298	31,230	12,989	3,337	2,493		
15 to 24 years.....	783,037	432,915	405,727	218,637	235,228	147,674	112,588	46,711	5,125	2,883		
25 to 44 years.....	1,474,057	787,075	664,547	340,758	337,056	189,099	399,541	217,134	12,703	5,234		
45 to 64 years.....	710,399	387,470	320,197	165,258	119,531	44,013	237,587	149,133	4,822	2,243		
65 years and over.....	189,899	108,002	96,852	54,145	16,074	7,510	71,965	42,148	969	553		
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
Under 5 years.....	8.6	9.1	10.6	10.9	11.7	13.2	0.7	0.3	6.4	7.4		
5 to 14 years.....	15.6	18.8	18.4	21.4	21.1	27.5	3.7	2.7	12.1	17.0		
15 to 24 years.....	18.7	17.9	19.2	18.8	22.3	22.5	13.1	9.9	17.6	17.0		
25 to 44 years.....	35.2	33.0	31.5	29.2	32.0	28.8	46.4	46.0	43.5	37.7		
45 to 64 years.....	16.9	16.0	15.2	14.2	11.3	6.7	27.6	31.6	16.5	15.3		
65 years and over.....	4.5	4.5	4.5	4.6	1.5	1.1	8.3	8.9	3.1	3.8		

DISTRIBUTION BY AGE PERIODS OF THE POPULATION, BY STATES: 1910.

[Totals for all ages include persons of unknown age.]

Table 12 STATE AND CLASS OF POPULATION.	All ages.	AGE PERIODS.										
		Under 5 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.	30 to 34 years.	35 to 44 years.	45 to 54 years.	55 to 64 years.	65 years and over.
NEW ENGLAND												
Maine.....	742,371	71,845	66,633	64,588	65,238	61,782	67,419	63,261	98,745	81,881	58,992	61,072
Native white—Native parentage.....	494,907	45,777	42,179	41,693	41,114	38,245	35,594	34,150	64,470	56,861	44,914	49,109
Native white—Foreign or mixed par.....	134,955	24,241	21,011	18,432	16,207	11,361	8,626	7,074	11,832	8,669	4,442	2,653
Foreign-born white.....	110,133	1,519	3,278	3,162	7,562	11,945	12,981	11,862	22,115	15,885	9,429	9,113
Negro.....	1,963	117	80	117	145	124	135	102	183	145	117	83
New Hampshire.....	430,572	38,581	36,873	36,271	37,906	36,853	33,675	31,794	60,135	48,483	34,289	34,070
Native white—Native parentage.....	230,231	19,109	17,539	17,744	17,438	16,319	15,380	15,567	30,909	28,881	23,991	26,916
Native white—Foreign or mixed par.....	103,117	19,307	16,830	15,179	12,831	8,989	6,406	5,517	9,076	5,694	2,573	984
Foreign-born white.....	96,558	1,122	2,460	3,304	7,489	11,491	11,812	10,654	20,038	14,014	7,868	6,121
Negro.....	564	40	44	40	53	45	66	45	86	78	28	36
Vermont.....	365,956	34,171	32,657	31,451	31,161	28,785	27,085	26,089	48,139	39,223	28,714	29,262
Native white—Native parentage.....	229,832	23,657	22,453	21,486	20,665	17,935	16,119	15,404	28,273	23,154	19,101	21,603
Native white—Foreign or mixed par.....	75,055	9,086	8,662	8,186	7,600	5,775	5,157	5,223	10,122	7,883	4,415	2,329
Foreign-born white.....	49,861	722	1,485	1,695	2,798	4,575	5,408	5,235	9,545	7,092	5,132	5,660
Negro.....	1,621	102	73	72	97	320	341	224	191	99	62	39
Massachusetts.....	3,366,416	328,888	294,846	284,960	286,561	325,382	313,069	280,781	500,349	352,763	210,363	175,015
Native white—Native parentage.....	1,103,429	108,065	94,675	93,355	92,113	90,678	84,992	78,200	143,440	122,514	96,040	97,504
Native white—Foreign or mixed par.....	1,170,447	208,865	175,196	159,342	138,526	105,751	82,994	71,987	119,426	72,536	26,129	8,605
Foreign-born white.....	1,051,050	8,457	21,908	29,248	62,549	124,802	140,045	126,126	223,984	152,394	86,185	67,545
Negro.....	38,655	3,448	2,889	2,905	2,570	5,831	4,624	3,413	6,623	3,700	1,875	1,199
Rhode Island.....	542,610	54,098	48,447	47,014	51,998	53,638	50,125	44,713	78,649	55,073	32,972	25,200
Native white—Native parentage.....	156,241	16,274	14,185	14,573	14,425	13,975	12,920	12,320	19,085	15,235	12,076	12,076
Native white—Foreign or mixed par.....	194,646	35,140	29,657	26,164	23,900	15,351	11,626	12,129	19,164	11,076	6,151	1,297
Foreign-born white.....	178,025	1,704	4,417	6,442	12,573	20,488	22,220	20,236	37,944	26,498	14,660	10,341
Negro.....	9,829	862	754	712	772	887	1,061	837	1,541	1,049	587	379
Connecticut.....	1,114,756	112,244	101,486	95,272	101,025	108,339	101,654	90,665	160,890	113,340	68,796	59,588
Native white—Native parentage.....	395,649	37,730	35,972	35,082	35,118	32,932	29,677	27,410	50,137	41,661	33,506	35,820
Native white—Foreign or mixed par.....	374,489	70,610	56,821	49,602	43,528	32,600	25,391	22,528	38,440	23,967	7,947	2,566
Foreign-born white.....	2,78,759	2,851	7,908	9,629	19,247	41,261	44,964	39,144	64,573	45,080	26,402	20,550
Negro.....	15,174	1,507	1,269	1,244	1,213	1,450	1,604	1,496	2,548	1,508	878	620
MIDDLE ATLANTIC												
New York.....	9,113,614	898,927	803,868	785,826	842,449	938,841	879,843	768,304	1,312,175	921,991	532,049	418,165
Native white—Native parentage.....	3,230,325	301,400	329,032	321,257	319,190	307,767	271,508	252,654	383,802	290,160	200,120	197,165
Native white—Foreign or mixed par.....	3,007,248	505,752	391,857	356,612	330,065	267,736	217,423	201,975	356,878	241,689	94,348	38,329
Foreign-born white.....	2,728,759	2,851	7,908	9,629	19,247	41,261	44,964	39,144	64,573	45,080	26,402	17,845
Negro.....	134,191	10,061	8,287	7,930	9,818	17,451	20,673	16,201	23,210	11,448	5,228	3,473
New Jersey.....	2,637,167	266,942	242,279	228,695	236,541	250,613	236,172	213,082	366,285	248,298	138,417	107,947
Native white—Native parentage.....	1,409,400	114,416	107,428	100,737	100,477	92,768	82,153	74,102	126,256	93,120	64,948	55,943
Native white—Foreign or mixed par.....	777,747	139,219	111,580	101,190	90,453	69,486	54,870	49,690	83,792	52,119	18,210	7,390
Foreign-born white.....	658,188	5,360	19,885	19,885	40,247	78,486	84,021	140,759	94,353	53,191	40,998	21,806
Negro.....	89,760	7,922	7,261	6,788	7,428	10,124	10,575	9,058	15,034	8,432	3,999	2,808
Pennsylvania.....	7,665,111	884,270	773,091	711,565	722,479	750,353	706,682	612,731	1,030,927	713,751	422,555	326,918
Native white—Native parentage.....	4,222,727	516,631	468,154	440,346	427,080	393,774	349,846	301,404	503,263	367,775	247,508	201,671
Native white—Foreign or mixed par.....	1,866,237	338,476	253,061	214,537	197,763	150,092	119,154	107,689	195,154	137,836	61,606	29,823
Foreign-born white.....	1,438,719	11,802	36,353	41,690	81,499	184,784	212,682	182,468	298,690	190,180	105,472	80,344
Negro.....	193,919	17,315	15,478	14,840	15,406	21,113	23,684	20,845	33,180	17,489	7,842	5,049
EAST NORTH CENTRAL												
Ohio.....	4,767,121	479,475	438,889	425,602	446,912	453,526	426,693	377,912	650,864	486,029	313,086	281,810
Native white—Native parentage.....	3,033,299	355,022	325,556	310,315	309,180	287,729	255,233	217,514	358,785	264,800	186,436	158,346
Native white—Foreign or mixed par.....	1,024,383	111,058	91,186	91,853	101,443	93,338	86,093	83,953	160,235	121,530	55,404	27,831
Foreign-born white.....	597,845	4,453	13,518	14,339	26,392	66,583	75,238	66,124	119,946	88,106	64,802	70,586
Negro.....	111,432	8,921	8,621	8,964	8,855	11,801	12,030	10,222	17,701	11,442	6,416	5,637
Indiana.....	2,709,876	275,524	264,347	255,568	259,149	251,288	229,494	198,186	354,468	276,335	182,336	149,474
Native white—Native parentage.....	2,130,088	243,438	231,980	220,593	217,257	200,394	175,641	146,187	253,621	195,954	134,413	108,061
Native white—Foreign or mixed par.....	354,531	35,390	25,286	27,334	28,338	30,833	30,833	30,833	80,846	50,380	23,343	11,440
Foreign-born white.....	159,322	985	2,741	2,608	5,150	13,579	17,023	15,818	28,536	23,881	21,130	27,400
Negro.....	60,320	4,763	4,907	4,964	5,452	6,444	6,610	5,517	9,362	6,136	3,424	2,498
Illinois.....	5,638,591	597,989	546,568	520,955	544,891	577,165	530,920	450,303	767,763	542,677	300,808	243,374
Native white—Native parentage.....	2,000,555	347,529	311,147	280,757	270,851	252,705	216,170	174,415	285,883	204,574	132,286	113,391
Native white—Foreign or mixed par.....	1,723,847	233,731	202,223	205,728	214,000	185,887	148,292	125,670	213,278	132,573	64,435	16,865
Foreign-born white.....	1,202,560	8,417	25,884	26,654	51,135	126,518	182,773	137,965	248,929	194,418	118,785	109,739
Negro.....	109,049	8,248	7,973	7,708	8,731	11,792	13,392	11,905	19,073	10,656	5,175	3,722
Michigan.....	2,110,173	236,545	275,367	258,480	266,830	264,680	240,313	210,982	361,137	287,157	186,707	156,519
Native white—Native parentage.....	1,224,841	164,742	140,202	122,465	117,396	108,394	94,216	80,463	134,253	107,095	80,059	73,190
Native white—Foreign or mixed par.....	664,882	127,010	121,806	129,812	138,234	138,234	138,234	138,234	167,184	108,061	59,092	43,343
Foreign-born white.....	506,524	4,586	11,105	13,097	21,641	50,626	62,199	62,264	117,146	108,832	75,809	67,758
Negro.....	17,115	1,275	1,273	1,276	1,378	1,712	1,821	1,560	2,731	1,928	1,168	938
Wisconsin.....	2,232,880	256,171	247,875	246,154	242,671	222,097	191,970	163,927	281,632	226,995	134,458	118,637
Native white—Native parentage.....	763,225	141,820	120,747	105,038	90,975	71,366	52,397	36,945	51,722	38,484	26,588	26,155
Native white—Foreign or mixed par.....	1,044,761	110,998	118,021	131,052	136,187	116,854	95,174	80,531	132,311	86,983	29,189	7,382
Foreign-born white.....	512,699	2,457	7,821	8,829	14,291	32,757	43,336	45,565	96,955	99,253	77,955	84,375
Negro.....	2,900	211	182	182	223	297	352	293	305	312	148	138
WEST NORTH CENTRAL												
Minnesota.....	2,078,708	226,840	220,233	214,402	215,148	216,670	187,438	153,195	252,868	193,399	104,460	86,057
Native white—Native parentage.....	575,081	101,321	84,034	69,979	61,684	55,330	44,225	32,886	45,153	35,164	21,007	18,109
Native white—Foreign or mixed par.....	941,136	121,701	127,490	134,549	136,226	114,824	84,412	63,164	90,507	49,326	13,648	4,312

DISTRIBUTION BY AGE PERIODS OF THE POPULATION, BY STATES: 1910—Continued.

[Totals for each age include persons of unknown age.]

Table 12—Continued.

STATE AND CLASS OF POPULATION.	All ages.	AGE PERIODS.										
		Under 5 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.	30 to 34 years.	35 to 44 years.	45 to 64 years.	55 to 64 years.	65 years and over.
WEST NORTH CENTRAL—Contd.												
Missouri	3,293,335	360,563	338,232	324,191	334,073	319,770	286,284	247,044	427,038	308,987	189,544	150,253
Native white—Native parentage.....	2,857,835	310,107	284,908	263,886	259,674	241,339	196,509	160,263	265,761	189,215	124,682	97,595
Native white—Foreign or mixed par.....	518,200	36,783	36,470	42,889	52,029	63,991	51,707	59,760	94,887	64,610	24,088	9,618
Foreign-born white.....	228,896	1,257	4,061	4,241	7,563	16,873	21,233	21,363	42,018	39,601	33,065	37,101
Negro.....	157,452	12,299	12,768	15,190	14,765	17,327	17,652	14,647	24,148	15,283	8,282	6,014
North Dakota	577,056	82,398	69,827	59,392	56,699	61,631	56,728	44,996	65,448	43,644	21,687	12,988
Native white—Native parentage.....	162,461	31,110	22,629	17,170	15,175	16,477	15,128	11,365	15,195	9,379	4,815	2,721
Native white—Foreign or mixed par.....	251,236	48,907	41,170	35,190	32,270	28,423	21,465	14,801	17,154	8,063	2,272	618
Foreign-born white.....	156,188	1,897	4,470	6,166	8,906	16,175	19,604	18,393	32,578	25,584	14,161	9,224
Negro.....	617	37	34	59	36	82	104	73	103	54	36	8
South Dakota	583,888	73,489	66,933	60,021	58,642	62,994	54,885	43,212	65,762	49,177	28,111	19,288
Native white—Native parentage.....	245,652	42,022	33,239	26,812	24,349	25,968	23,847	16,085	22,743	16,174	9,325	6,221
Native white—Foreign or mixed par.....	217,491	29,722	24,083	28,939	27,136	27,325	21,625	15,646	20,143	11,907	3,979	1,228
Foreign-born white.....	100,628	669	1,685	2,044	3,563	8,334	10,266	10,154	20,686	19,275	13,814	10,517
Negro.....	817	60	60	62	61	98	110	84	148	81	28	27
Nebraska	1,192,214	140,066	128,086	121,782	124,518	123,104	105,572	86,135	138,123	106,807	65,580	50,771
Native white—Native parentage.....	642,075	96,668	79,982	69,690	66,875	63,294	53,141	41,959	65,019	43,918	31,481	23,648
Native white—Foreign or mixed par.....	362,353	41,591	44,700	48,004	51,790	45,889	35,084	26,465	35,580	28,092	12,912	3,505
Foreign-born white.....	175,865	883	2,485	2,614	4,830	12,585	15,777	16,496	35,622	35,485	25,610	23,228
Negro.....	7,689	477	487	458	533	892	1,143	933	1,439	800	326	183
Kansas	1,690,949	191,519	177,868	168,309	170,503	167,584	144,369	122,416	201,296	153,178	102,175	87,956
Native white—Native parentage.....	1,207,657	157,156	140,109	127,737	124,481	117,996	98,713	82,156	132,558	99,288	67,812	56,328
Native white—Foreign or mixed par.....	263,333	28,330	29,722	24,083	28,939	35,422	34,189	24,222	36,879	29,959	19,738	6,470
Foreign-born white.....	135,190	1,087	2,430	2,458	4,018	9,892	11,505	11,634	24,574	24,557	20,882	22,132
Negro.....	54,030	4,627	4,861	4,971	5,518	6,078	5,266	4,293	7,254	5,248	3,126	2,952
SOUTH ATLANTIC												
Delaware	202,322	20,645	19,197	19,308	19,460	19,286	17,303	15,173	26,954	21,384	13,412	10,465
Native white—Native parentage.....	127,869	13,038	12,450	12,577	12,536	11,815	10,516	9,178	15,966	13,257	9,110	7,600
Native white—Foreign or mixed par.....	25,873	3,803	3,066	2,700	35,921	34,243	1,842	1,784	3,304	2,911	1,070	614
Foreign-born white.....	17,430	115	965	999	873	2,064	2,357	1,977	3,517	2,045	1,595	1,510
Negro.....	31,181	3,069	3,315	3,540	3,228	3,142	2,583	2,233	4,154	2,903	1,635	1,240
Maryland	1,295,346	137,714	133,682	129,605	127,933	123,240	110,005	95,786	170,657	126,669	77,941	60,667
Native white—Native parentage.....	766,627	90,049	85,863	82,671	80,063	73,488	63,449	54,402	91,107	67,333	43,616	34,720
Native white—Foreign or mixed par.....	191,838	21,065	19,392	19,329	19,460	16,764	14,651	14,346	28,822	23,079	10,401	4,415
Foreign-born white.....	104,174	619	2,927	2,997	5,027	9,362	10,817	10,417	20,494	16,327	12,430	12,962
Negro.....	232,250	25,887	25,808	24,585	25,398	25,991	21,023	16,570	30,097	20,822	11,264	8,575
District of Columbia	331,089	26,669	25,312	24,649	28,112	34,424	35,113	31,029	53,234	34,304	20,189	17,017
Native white—Native parentage.....	166,711	15,476	14,328	13,478	15,018	17,060	16,605	14,893	24,268	15,715	10,247	9,128
Native white—Foreign or mixed par.....	45,696	3,746	3,234	3,315	3,326	3,913	4,186	4,559	8,477	5,684	2,884	1,484
Foreign-born white.....	24,851	139	457	525	820	2,073	2,699	2,655	3,109	3,479	2,530	3,439
Negro.....	94,446	7,290	7,192	7,211	8,620	11,333	11,572	8,993	15,255	9,088	4,492	2,957
Virginia	2,061,612	268,825	256,490	237,563	217,272	195,308	161,302	135,073	229,733	165,406	106,877	84,881
Native white—Native parentage.....	1,325,238	176,965	163,215	149,393	137,127	122,759	102,976	89,106	146,677	106,683	72,477	57,083
Native white—Foreign or mixed par.....	37,943	4,984	4,322	3,937	3,802	3,473	2,782	2,670	5,039	3,708	1,880	1,421
Foreign-born white.....	26,128	232	757	778	1,215	2,587	3,113	2,889	5,617	3,843	2,014	2,944
Negro.....	671,966	86,555	88,123	83,588	75,947	66,938	52,324	46,358	72,406	51,730	29,533	23,621
West Virginia	1,221,139	169,118	148,179	131,027	125,145	121,514	107,325	88,338	138,798	90,793	56,756	42,192
Native white—Native parentage.....	1,022,107	151,583	134,538	119,454	110,029	99,017	84,900	70,353	112,601	74,614	47,716	36,207
Native white—Foreign or mixed par.....	97,638	9,816	5,874	4,663	4,481	4,189	4,325	4,333	8,547	6,880	3,076	1,703
Foreign-born white.....	57,072	739	1,087	1,490	4,650	8,803	9,818	7,883	10,720	5,392	3,074	3,019
Negro.....	64,173	6,974	6,274	5,424	6,575	8,891	8,265	5,791	8,484	4,187	1,886	1,257
North Carolina	2,206,287	232,892	234,900	265,964	242,678	209,875	167,661	133,478	248,010	160,313	108,680	77,688
Native white—Native parentage.....	1,455,718	222,869	192,440	174,365	160,398	138,037	113,527	93,627	184,213	111,774	75,176	55,002
Native white—Foreign or mixed par.....	8,851	1,159	1,034	990	914	732	629	588	1,164	703	484	385
Foreign-born white.....	5,942	60	148	202	275	646	644	644	1,279	946	579	575
Negro.....	607,843	107,297	100,151	89,416	80,553	69,358	52,293	38,240	61,526	40,260	23,083	21,428
South Carolina	1,515,400	228,459	208,780	192,406	172,674	151,470	118,317	91,750	148,002	95,257	64,822	44,092
Native white—Native parentage.....	601,570	98,624	84,720	76,850	72,231	64,606	53,479	44,052	66,149	46,148	33,036	20,959
Native white—Foreign or mixed par.....	11,137	1,313	1,082	1,115	1,022	1,022	872	1,121	1,783	1,121	721	528
Foreign-born white.....	6,054	46	97	145	215	485	637	605	1,221	925	771	588
Negro.....	835,843	128,712	123,067	114,341	99,118	85,305	63,247	46,194	75,811	46,216	30,280	21,817
Georgia	2,029,121	376,841	347,369	315,217	280,383	260,140	214,250	169,314	261,876	182,090	118,968	80,729
Native white—Native parentage.....	1,391,058	206,419	181,409	160,352	147,305	132,813	111,945	94,109	139,556	99,724	69,638	46,390
Native white—Foreign or mixed par.....	25,672	2,007	2,325	2,427	2,476	2,487	2,206	2,110	3,946	2,110	1,458	867
Foreign-born white.....	15,072	813	925	932	945	1,319	1,801	1,606	3,128	2,362	1,612	1,535
Negro.....	1,176,987	167,468	163,294	152,029	129,932	123,395	98,274	71,459	116,258	77,110	44,255	31,959
Florida	752,619	96,956	90,941	81,319	76,095	78,588	69,177	56,005	83,637	56,831	33,116	21,787
Native white—Native parentage.....	373,879	52,787	46,852	41,633	38,853	37,114	30,552	25,215	40,430	29,519	19,038	12,308
Native white—Foreign or mixed par.....	55,825	6,491	5,100	4,892	4,292	4,087	3,082	2,002	2,902	2,022	1,650	842
Foreign-born white.....	32,842	543	1,144	1,330	2,350	3,917	4,109	3,583	6,911	4,791	2,852	2,257
Negro.....	18,459	37,114	37,511	32,289	30,891	35,331	32,084	24,069	38,386	21,300	9,885	6,386
EAST SOUTH CENTRAL												
Kentucky	2,289,905	294,603	272,758	252,906	241,622	215,210	181,943	155,036	266,143	192,435	120,124	94,124
Native white—Native parentage.....	1,863,194	262,927	239,452	216,933	201,728	174,063	145,572	120,649	199,844	140,511	91,687	71,316
Native white—Foreign or mixed par.....	124,704	5,875	5,113	5,314	19,798	11,909	11,795	9,092	20,827	20,222	7,470	5,842
Foreign-born white.....	40,653	113	389	408	897	1,885	2,608	2,731	6,609	7,345	7,511	9,497
Negro.....	261,656	25,541	26,087	26,984	28,163							

DISTRIBUTION BY AGE PERIODS OF THE POPULATION, BY STATES: 1910—Continued.

[Totals for all ages include persons of unknown age.]

Table 12—Continued. STATE AND CLASS OF POPULATION.	AGE PERIODS.											
	All ages.	Under 5 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.	30 to 34 years.	35 to 44 years.	45 to 54 years.	55 to 64 years.	65 years and over.
EAST SOUTH CENTRAL—Contd.												
Alabama	2,128,083	311,716	284,802	253,196	228,517	211,405	177,857	136,889	209,532	159,614	94,409	65,365
Native white—Native parentage	1,177,459	183,253	158,514	136,874	126,039	113,226	94,509	76,628	111,065	84,461	53,787	35,853
Native white—Foreign or mixed par.	32,417	4,127	3,703	3,504	3,433	2,783	2,232	2,230	4,330	3,535	1,907	1,307
Foreign-born white	15,556	1,576	1,519	1,723	1,806	1,620	1,139	2,041	3,628	3,420	2,224	1,793
Negro	908,282	123,991	121,935	112,129	99,130	93,670	78,334	55,545	90,450	68,415	34,234	26,770
Mississippi	1,787,114	256,661	244,273	219,914	196,241	176,469	143,983	117,631	182,607	115,235	77,426	54,338
Native white—Native parentage	757,233	115,725	102,200	89,677	81,418	71,664	60,404	50,438	74,618	50,440	36,244	23,241
Native white—Foreign or mixed par.	19,489	1,956	1,665	1,685	1,717	1,693	1,653	1,655	3,113	2,315	1,316	691
Foreign-born white	9,389	63	281	366	441	759	859	1,802	1,403	1,212	1,290	1,290
Negro	1,009,487	141,691	139,945	128,019	112,527	102,222	85,954	64,490	100,827	60,962	38,567	29,053
WEST SOUTH CENTRAL												
Arkansas	1,574,449	230,701	209,661	179,879	173,888	151,760	129,133	104,721	160,994	116,729	89,735	44,898
Native white—Native parentage	1,077,509	169,361	146,929	122,986	118,910	100,954	85,118	70,488	106,404	75,024	49,298	30,801
Native white—Foreign or mixed par.	36,668	3,800	3,768	3,769	4,015	3,538	3,109	2,793	6,067	3,795	2,145	1,072
Foreign-born white	16,309	1,008	948	983	933	1,008	1,379	1,688	3,366	3,438	2,182	1,282
Negro	442,891	57,330	55,552	52,679	50,309	46,220	39,488	29,729	46,066	34,411	18,188	10,827
Louisiana	1,858,388	224,069	218,743	183,781	175,227	164,915	141,905	113,662	184,442	115,130	69,725	49,703
Native white—Native parentage	776,587	119,812	111,077	97,023	86,829	77,362	63,928	51,258	74,426	45,704	28,815	17,838
Native white—Foreign or mixed par.	112,717	11,353	10,416	9,115	9,107	9,001	9,258	9,903	20,576	14,833	6,445	2,665
Foreign-born white	51,732	326	1,123	1,597	2,315	4,335	4,918	4,913	9,748	8,219	6,789	7,391
Negro	713,874	92,439	95,985	85,917	76,868	74,119	63,677	47,489	79,455	46,232	27,581	21,886
Oklahoma	1,657,155	241,904	217,775	186,089	174,402	159,009	139,209	116,018	185,400	122,694	70,513	41,045
Native white—Native parentage	1,120,403	199,142	176,349	148,985	139,613	125,830	108,971	90,493	142,589	92,236	53,861	30,215
Native white—Foreign or mixed par.	40,044	10,201	10,565	10,492	10,237	9,141	8,282	7,526	12,760	8,926	3,920	1,937
Foreign-born white	94,048	280	740	866	1,353	3,058	4,076	4,161	8,849	6,722	4,356	3,900
Negro	137,612	13,186	13,269	16,204	14,974	14,844	12,901	9,622	14,744	10,888	5,042	3,303
Texas	3,998,542	538,984	608,654	456,792	423,270	390,078	329,776	288,948	408,851	280,369	173,881	113,801
Native white—Native parentage	2,602,050	385,203	353,946	310,648	285,709	254,212	212,634	176,833	259,150	174,705	113,191	67,609
Native white—Foreign or mixed par.	361,914	54,322	51,510	48,426	44,709	38,180	30,010	24,296	35,675	22,378	8,775	3,233
Foreign-born white	239,984	5,196	10,208	12,165	15,412	22,332	24,222	22,443	43,674	36,962	25,576	20,773
Negro	690,049	90,037	92,903	85,461	77,329	75,109	61,727	45,249	70,080	46,037	24,325	19,057
MOUNTAIN												
Montana	378,053	38,322	34,179	29,688	29,884	43,147	44,264	36,701	56,109	36,149	18,875	9,085
Native white—Native parentage	162,127	20,167	17,192	14,191	13,696	18,433	18,111	14,457	20,971	13,247	6,291	3,999
Native white—Foreign or mixed par.	106,809	15,841	14,067	12,755	11,829	11,974	10,056	8,087	11,946	7,047	2,273	846
Foreign-born white	91,644	7,466	4,442	4,432	3,162	11,399	14,700	12,885	20,983	14,188	5,741	3,539
Negro	1,834	105	96	95	104	179	238	218	389	216	125	47
Idaho	325,594	40,444	36,132	31,902	30,270	31,987	31,055	27,007	42,868	29,290	14,886	8,940
Native white—Native parentage	203,599	31,561	26,624	22,323	20,084	19,320	17,666	15,053	22,449	15,058	7,918	4,737
Native white—Foreign or mixed par.	75,195	8,149	8,535	8,685	8,528	8,149	7,575	6,487	10,317	6,056	1,909	745
Foreign-born white	40,427	407	283	283	1,273	1,076	5,049	4,804	9,109	6,997	4,241	2,997
Negro	651	30	39	39	33	38	39	78	133	78	36	22
Wyoming	145,985	15,331	13,049	10,829	11,498	19,373	19,533	15,093	20,605	12,068	5,548	2,796
Native white—Native parentage	80,696	10,218	8,445	6,942	6,972	10,341	9,826	7,466	10,050	5,882	2,920	1,469
Native white—Foreign or mixed par.	32,504	4,853	3,766	3,210	3,249	4,113	3,561	2,800	4,030	2,173	714	291
Foreign-born white	27,118	206	109	443	1,016	4,009	5,015	3,534	5,636	3,602	1,718	948
Negro	708	753	807	827	921	927	927	927	927	927	927	26
Colorado	799,024	62,662	75,618	63,658	71,045	79,059	78,885	69,213	116,058	83,259	44,022	26,727
Native white—Native parentage	475,156	56,192	49,888	45,022	45,013	47,056	44,915	38,494	62,256	43,758	24,742	16,016
Native white—Foreign or mixed par.	181,428	24,431	21,912	20,385	20,401	18,306	15,957	13,726	22,749	15,016	5,888	2,438
Foreign-born white	126,851	978	2,847	3,251	4,521	12,035	15,821	15,220	28,559	22,811	12,593	7,891
Negro	11,453	708	753	807	827	1,101	1,263	1,263	3,279	1,380	353	36
New Mexico	327,301	45,285	41,028	34,408	32,457	30,931	27,223	22,993	32,115	26,912	16,071	9,688
Native white—Native parentage	253,609	37,019	33,355	29,190	26,272	24,176	21,060	16,984	28,833	20,074	12,272	6,950
Native white—Foreign or mixed par.	26,331	4,241	3,482	2,951	2,724	2,397	2,084	1,871	3,243	2,042	869	408
Foreign-born white	29,654	494	925	837	1,288	2,595	3,054	2,632	4,423	3,152	1,883	1,327
Negro	1,625	150	134	106	123	152	206	196	272	146	80	58
Arizona	204,354	24,778	21,917	18,091	17,389	20,756	21,975	18,446	28,327	17,195	9,049	5,774
Native white—Native parentage	82,468	11,139	9,355	7,584	6,876	8,229	8,729	7,373	10,666	6,610	3,526	2,073
Native white—Foreign or mixed par.	42,176	7,886	6,054	4,783	4,355	4,055	3,644	3,069	4,404	2,482	918	391
Foreign-born white	46,824	1,056	2,044	2,673	2,778	5,093	7,238	5,968	9,426	5,474	2,913	1,763
Negro	2,009	156	162	130	136	192	251	200	426	211	90	44
Utah	373,351	52,938	45,875	40,070	37,464	37,019	33,765	27,416	41,334	28,419	15,563	12,369
Native white—Native parentage	171,663	37,324	29,774	22,956	18,587	15,570	12,191	8,564	11,262	7,662	4,156	2,907
Native white—Foreign or mixed par.	14,414	1,811	1,415	1,281	1,289	1,289	1,170	921	1,718	1,178	535	335
Foreign-born white	63,982	425	1,128	1,305	2,169	5,393	6,689	6,227	11,323	10,950	8,852	8,554
Negro	1,144	56	62	55	70	117	156	184	245	109	51	25
Nevada	81,875	6,383	5,670	4,936	5,263	8,038	9,606	9,280	14,831	9,240	4,984	3,120
Native white—Native parentage	35,326	3,855	3,315	2,640	2,451	3,182	3,754	3,663	5,742	3,594	1,815	1,144
Native white—Foreign or mixed par.	29,933	1,896	1,632	1,606	1,585	2,061	2,475	2,491	3,917	2,137	787	320
Foreign-born white	17,999	68	144	129	665	2,109	2,643	2,460	4,025	2,694	1,765	1,164
Negro	513	26	18	18	15	41	63	80	135	64	28	20
PACIFIC												
Washington	1,141,990	108,756	99,676	92,802	99,647	122,058	126,074	106,963	167,435	117,405	57,805	36,573
Native white—Native parentage	585,386	60,713	58,957	53,065	54,227	61,231	60,626	50,064	76,574	52,487	28,171	18,910
Native white—Foreign or mixed par.	29,933	3,786	3,429	3,343	3,524	3,942	4,357	3,911	32,471	22,913	7,365	3,385
Foreign-born white	241,197	1,26	4,443	4,937	8,302	25,493	34,402	31,160	53,328	41,985	20,900	13,479
Negro	6,058	289	252	274	325	642	953	888	1,330	675	211	111
Oregon	672,765	60,211	56,923	55,776	60,749	70,428	69,730	59,263	87,451	72,394	39,962	28,153
Native white—Native parentage	416,551	44,584	40,775	38,263	39,423	42,849	40,821	34,561	55,124	39,356	22,742	17,179
Native white—Foreign or mixed par.	138,235	14,404	13,751	15								

PER CENT DISTRIBUTION BY AGE PERIODS, BY DIVISIONS AND STATES: 1910.

[Percentages based on total population, which includes a small number of persons of unknown age.]

Table 13 DIVISION AND STATE.	PER CENT OF TOTAL POPULATION.										PER CENT—CONDENSED AGE GROUPING.						
	Under 5 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.	30 to 34 years.	35 to 44 years.	45 to 54 years.	55 to 64 years.	65 years and over.	Under 5 years.	5 to 14 years.	15 to 24 years.	25 to 44 years.	45 to 64 years.	65 years and over.
United States.....	11.6	10.6	9.9	9.9	9.8	8.9	7.6	12.7	9.1	5.5	4.3	11.6	20.5	19.7	29.1	14.6	4.3
GEOGRAPHIC DIVISIONS:																	
New England.....	9.5	8.9	8.5	8.9	9.4	8.9	8.0	14.5	10.5	6.6	5.9	9.8	17.4	18.3	31.4	17.1	5.9
Middle Atlantic.....	10.6	9.4	8.9	9.3	10.0	9.4	8.3	14.0	9.8	5.7	4.4	10.6	18.4	19.4	31.7	15.4	4.4
East North Central.....	10.5	9.7	9.4	9.6	9.7	8.9	7.7	13.2	10.0	6.1	5.1	10.5	19.1	19.3	29.8	16.1	5.1
West North Central.....	11.3	10.6	10.1	10.2	10.0	8.8	7.4	12.3	9.2	5.6	4.6	11.3	20.6	20.2	28.4	14.8	4.6
South Atlantic.....	13.6	12.5	11.4	10.6	9.8	8.2	6.7	10.9	7.6	4.9	3.6	13.6	24.0	20.4	25.8	12.6	3.6
East South Central.....	13.8	12.7	11.5	10.8	9.7	8.2	6.6	10.6	7.6	4.8	3.5	13.8	24.3	20.4	25.4	12.4	3.5
West South Central.....	14.1	13.1	11.6	10.8	9.9	8.4	6.9	10.7	7.2	4.3	2.8	14.1	24.7	20.6	26.0	11.6	2.8
Mountain.....	11.6	10.4	9.1	8.9	10.3	10.1	8.6	13.7	9.2	4.8	3.0	11.6	19.5	19.2	32.4	14.0	3.0
Pacific.....	8.6	7.9	7.7	8.5	10.2	10.5	9.3	15.3	10.9	6.1	4.5	8.6	15.6	15.7	35.2	16.9	4.5
NEW ENGLAND:																	
Maine.....	9.7	9.0	8.7	8.8	8.3	7.7	7.2	13.3	11.0	7.9	8.2	9.7	17.7	17.1	28.2	18.9	8.2
New Hampshire.....	9.2	8.6	8.4	8.8	8.6	7.8	7.4	14.0	11.3	8.0	7.9	9.2	17.0	17.4	29.2	19.2	7.9
Vermont.....	9.6	9.2	8.8	8.8	8.1	7.6	7.3	13.5	10.7	8.1	8.2	9.6	18.0	16.8	28.5	18.8	8.2
Massachusetts.....	9.8	8.8	8.5	8.8	9.7	9.3	8.3	14.9	10.5	6.2	5.2	9.8	17.2	18.5	32.5	16.7	5.2
Rhode Island.....	10.0	8.9	8.7	9.6	9.9	9.2	8.2	14.5	10.1	6.1	4.6	10.0	17.6	19.5	32.0	16.2	4.6
Connecticut.....	10.1	9.1	8.5	9.1	9.7	9.1	8.1	14.4	10.2	6.2	5.3	10.1	17.7	18.8	31.7	16.3	5.3
MIDDLE ATLANTIC:																	
New York.....	9.9	8.8	8.6	9.2	10.3	9.7	8.4	14.4	10.1	5.8	4.6	9.9	17.4	19.5	32.5	16.0	4.6
New Jersey.....	10.5	9.5	9.0	9.3	9.9	9.3	8.4	14.4	9.8	5.5	4.2	10.5	18.6	19.2	32.1	15.2	4.2
Pennsylvania.....	11.5	10.1	9.3	9.4	9.8	9.2	8.0	13.4	9.3	5.5	4.3	11.5	19.4	19.2	30.7	14.8	4.5
EAST NORTH CENTRAL:																	
Ohio.....	10.1	9.2	8.9	9.4	9.5	9.0	7.9	13.7	10.2	6.6	5.5	10.1	18.1	18.9	30.5	16.8	5.5
Indiana.....	10.2	9.8	9.5	9.6	9.3	8.5	7.3	13.1	10.3	6.8	5.5	10.2	19.3	19.9	29.0	17.0	5.5
Illinois.....	10.6	9.7	9.2	9.7	10.2	9.4	8.0	13.6	9.6	5.3	4.3	10.6	18.9	19.9	31.0	15.0	4.3
Michigan.....	10.6	9.8	9.2	9.5	9.4	8.6	7.5	12.9	10.2	6.6	5.6	10.6	19.0	18.9	28.9	16.9	5.6
Wisconsin.....	11.0	10.6	10.5	10.4	9.5	8.2	7.0	12.1	9.7	5.8	5.1	11.0	21.2	19.0	27.3	15.4	5.1
WEST NORTH CENTRAL:																	
Minnesota.....	10.9	10.6	10.3	10.4	10.4	9.0	7.4	12.2	9.3	5.0	4.1	10.9	20.9	20.8	28.6	14.3	4.1
Iowa.....	10.6	10.3	10.0	10.1	9.5	8.3	7.2	12.4	9.7	6.1	5.6	10.6	20.3	19.6	27.9	15.8	5.6
Missouri.....	10.9	10.3	9.8	10.1	9.7	8.7	7.5	13.0	9.4	5.8	4.6	10.9	20.1	19.9	29.2	15.1	4.6
North Dakota.....	14.3	12.1	10.3	9.8	10.7	9.8	7.8	11.3	7.6	3.8	2.2	14.3	22.4	20.5	29.0	11.1	2.2
South Dakota.....	12.6	11.5	10.3	10.0	10.8	9.4	7.4	11.3	8.4	4.8	3.3	12.6	21.7	20.8	28.1	13.2	3.3
Nebraska.....	11.8	10.7	10.2	10.4	10.3	8.9	7.2	11.6	8.9	5.5	4.3	11.8	21.0	20.8	27.7	14.4	4.3
Kansas.....	11.3	10.5	10.0	10.1	9.9	8.5	7.2	11.9	9.1	6.0	5.2	11.3	20.5	20.0	27.7	15.1	5.2
SOUTH ATLANTIC:																	
Delaware.....	9.9	9.5	9.5	9.6	9.5	8.6	7.5	13.3	10.6	6.6	5.2	9.9	19.0	19.1	29.4	17.2	5.2
Maryland.....	10.6	10.3	10.0	9.9	9.5	8.5	7.4	13.2	9.8	6.0	4.7	10.6	20.3	19.4	29.1	15.8	4.7
District of Columbia.....	8.1	7.6	7.4	8.5	10.4	10.6	9.4	16.1	10.3	6.1	5.1	8.1	15.1	18.9	36.1	16.4	5.1
Virginia.....	13.0	12.4	11.5	10.5	9.5	7.8	6.6	11.1	8.0	5.2	4.1	13.0	24.0	20.0	25.5	13.2	4.1
West Virginia.....	13.8	12.1	10.7	10.2	10.0	8.8	7.2	11.4	7.4	4.6	3.5	13.8	22.9	20.2	27.5	12.0	3.5
North Carolina.....	15.1	13.4	12.1	11.0	9.5	7.6	6.0	9.5	7.3	4.9	3.5	15.1	23.4	20.5	23.1	12.2	3.5
South Carolina.....	15.1	13.8	12.7	11.4	10.0	7.8	6.1	9.6	6.3	4.3	2.9	15.1	26.5	21.4	23.4	10.6	2.9
Georgia.....	14.4	13.3	12.1	10.7	10.0	8.2	6.5	10.0	7.0	4.5	3.1	14.4	23.4	20.7	24.7	11.5	3.1
Florida.....	12.9	12.1	10.7	10.1	10.4	9.2	7.4	11.9	7.6	4.4	2.9	12.9	22.8	20.6	28.5	12.0	2.9
EAST SOUTH CENTRAL:																	
Kentucky.....	12.9	11.9	11.0	10.6	9.4	7.9	6.8	11.6	8.4	5.2	4.1	12.9	23.0	19.9	26.3	13.6	4.1
Tennessee.....	13.5	12.3	11.1	10.9	9.7	8.1	6.7	10.8	7.9	5.1	3.8	13.5	23.5	20.5	25.5	13.0	3.8
Alabama.....	14.6	13.3	11.8	10.7	9.9	8.3	6.4	9.8	7.5	4.4	3.1	14.6	25.2	20.6	24.5	11.9	3.1
Mississippi.....	14.4	13.6	12.2	10.9	9.8	8.3	6.5	10.2	6.4	4.3	3.0	14.4	25.5	20.7	25.0	10.7	3.0
WEST SOUTH CENTRAL:																	
Arkansas.....	14.7	13.3	11.4	11.0	9.6	8.2	6.7	10.2	7.4	4.4	2.9	14.7	24.7	21.7	25.1	11.8	2.9
Louisiana.....	13.5	13.2	11.7	10.6	10.0	8.6	6.9	11.1	7.0	4.2	3.0	13.5	24.9	20.5	26.6	11.2	3.0
Oklahoma.....	14.6	13.1	11.2	10.5	9.6	8.4	7.0	11.2	7.4	4.3	2.5	14.6	24.4	20.1	26.6	11.7	2.5
Texas.....	13.8	13.1	11.7	10.9	10.0	8.5	6.9	10.5	7.2	4.4	2.8	13.8	24.8	20.9	25.9	11.6	2.8
MOUNTAIN:																	
Montana.....	10.2	9.1	7.9	7.9	11.5	11.8	9.8	14.9	9.6	4.2	2.4	10.2	17.0	19.4	36.5	13.8	2.4
Idaho.....	12.4	11.1	9.8	9.3	9.8	9.5	8.3	13.2	9.0	4.5	2.7	12.4	20.9	19.1	31.0	13.5	2.7
Wyoming.....	10.5	8.9	7.4	7.9	13.3	13.4	10.3	14.1	8.3	3.8	1.9	10.5	16.4	21.1	37.8	12.1	1.9
Colorado.....	10.3	9.5	8.7	8.9	9.9	9.9	8.7	14.6	10.4	5.5	3.3	10.3	18.2	18.8	33.1	15.9	3.3
New Mexico.....	13.8	12.5	10.5	9.9	9.5	8.5	7.0	12.0	8.2	4.9	3.0	13.8	23.0	19.4	27.5	13.1	3.0
Arizona.....	12.1	10.7	8.9	8.5	10.2	10.8	9.0	13.9	8.4	4.4	2.8	12.1	19.6	18.7	33.6	12.8	2.8
Utah.....	14.1	12.3	10.7	10.0	9.9	9.0	7.3	11.1	7.6	4.2	3.3	14.1	23.0	19.9	27.5	11.8	3.3
Nevada.....	7.8	6.9	6.0	6.4	9.8	11.7	11.3	18.1	11.3	6.1	3.8	7.8	13.0	16.2	41.2	17.4	3.8
PACIFIC:																	
Washington.....	9.5	8.7	8.1	8.7	10.7	11.0	9.4	14.7	10.3	5.1	3.2	9.5	16.9	19.4	35.1	15.3	3.2
Oregon.....	8.9	8.5	8.3	9.0	10.5	10.4	8.8	14.5	10.8	5.9	4.2	8.9	16.8	19.5	33.7	16.7	4.2
California.....	8.1	7.4	7.3	8.2	9.8	10.4	9.5	15.8	11.2	6.6	5.3	8.1	14.7	18.1	35.6	17.8	5.3

AGE DISTRIBUTION.

DISTRIBUTION BY AGE PERIODS OF THE URBAN AND RURAL POPULATION FOR THE UNITED STATES AND GEOGRAPHIC DIVISIONS: 1910.

[Totals for all ages include persons of unknown age.]

Table 14 DIVISION AND AGE PERIOD.	URBAN POPULATION.				RURAL POPULATION.					
	All classes.	Native white.		Foreign-born white.	Negro.	All classes.	Native white.		Foreign-born white.	Negro.
		Native percentage.	Foreign or mixed percentage.				Native percentage.	Foreign or mixed percentage.		
UNITED STATES										
All ages, number.....	42,623,383	17,843,644	12,346,900	9,635,369	2,639,223	49,348,833	31,638,931	8,550,937	3,710,176	7,138,534
Under 5 years.....	4,200,291	2,044,886	1,846,099	75,372	229,080	6,431,073	4,501,386	827,426	27,153	1,034,238
5 to 14 years.....	7,401,351	3,486,880	2,950,392	508,771	454,219	11,866,447	7,608,418	1,601,022	188,068	1,947,610
15 to 24 years.....	8,573,829	3,659,032	2,673,889	1,644,462	578,299	9,546,758	6,112,945	1,404,794	459,680	1,512,912
25 to 44 years.....	14,168,833	5,330,953	3,415,057	4,390,378	985,374	12,641,022	7,615,488	1,795,052	1,489,001	1,632,804
45 to 64 years.....	6,487,864	2,485,622	1,318,912	2,299,020	351,259	6,936,225	4,244,378	798,474	1,093,408	756,841
65 years and over.....	1,663,010	771,790	185,454	708,918	77,435	2,556,514	1,429,278	129,132	476,311	216,089
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.9	11.5	15.0	0.8	8.5	13.0	14.2	12.6	0.7	14.5
5 to 14 years.....	17.4	19.5	23.9	5.2	16.9	23.2	24.3	21.4	4.1	27.3
15 to 24 years.....	20.1	20.5	21.7	17.1	21.5	19.3	19.3	21.4	12.4	21.2
25 to 44 years.....	33.2	29.9	27.7	45.6	36.6	25.6	24.1	27.4	40.1	23.2
45 to 64 years.....	15.2	14.0	10.9	23.9	13.1	14.1	13.4	12.2	29.5	10.6
65 years and over.....	4.0	4.3	1.1	7.3	2.9	4.6	4.5	1.8	12.8	3.0
NEW ENGLAND.										
All ages, number.....	5,455,345	1,847,494	1,865,893	1,676,530	60,877	1,047,336	765,925	186,616	137,798	5,429
Under 5 years.....	638,000	180,154	337,637	14,809	5,261	1,027,825	70,471	30,312	1,296	615
5 to 14 years.....	947,287	316,556	532,659	88,655	9,190	1,835,211	133,360	52,019	6,563	1,011
15 to 24 years.....	1,025,549	314,402	391,775	308,010	10,775	1,733,017	116,455	34,363	30,870	1,042
25 to 44 years.....	1,739,621	530,729	423,411	781,111	24,044	2,987,615	193,083	47,837	59,707	1,636
45 to 64 years.....	901,122	356,745	156,587	377,263	9,412	222,553	163,750	22,915	34,846	867
65 years and over.....	277,455	155,660	14,132	105,522	2,050	106,572	87,854	4,302	14,016	306
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.9	9.8	18.1	0.9	8.6	9.4	9.2	16.2	0.9	11.3
5 to 14 years.....	17.4	17.1	28.5	5.3	15.1	17.6	17.4	27.8	4.8	18.6
15 to 24 years.....	18.8	17.0	21.0	18.4	17.7	15.8	15.2	15.4	15.1	19.2
25 to 44 years.....	32.3	28.2	23.2	46.5	39.5	27.1	22.2	22.6	43.3	20.1
45 to 64 years.....	16.5	19.3	8.4	22.5	15.5	20.3	21.4	12.3	25.3	14.9
65 years and over.....	5.1	8.4	0.8	6.3	3.4	9.7	11.5	2.3	10.2	5.0
MIDDLE ATLANTIC.										
All ages, number.....	13,723,373	4,718,463	4,605,981	4,049,477	339,246	5,532,519	3,744,498	985,331	776,702	78,624
Under 5 years.....	1,436,005	566,112	810,970	31,338	27,364	614,134	426,335	172,477	6,669	7,934
5 to 14 years.....	2,448,950	970,833	1,186,652	243,494	45,802	1,086,394	706,291	242,884	38,582	14,872
15 to 24 years.....	2,754,229	969,188	938,009	780,752	65,142	987,147	669,765	167,158	131,823	16,258
25 to 44 years.....	4,553,112	1,371,234	1,154,585	1,873,500	147,962	1,573,080	953,786	232,040	360,017	25,007
45 to 64 years.....	2,020,374	635,530	465,490	873,363	43,898	986,687	635,101	141,234	168,351	10,560
65 years and over.....	492,371	198,091	48,770	240,431	7,990	358,789	259,688	29,712	68,756	3,434
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.5	12.0	17.6	0.8	8.1	11.0	11.4	17.5	0.9	10.1
5 to 14 years.....	17.8	20.6	25.8	6.1	13.5	19.6	21.3	24.9	5.0	18.9
15 to 24 years.....	20.1	20.5	20.4	19.3	19.2	17.7	17.9	17.0	17.0	20.6
25 to 44 years.....	33.2	29.1	25.1	46.3	43.6	28.1	25.5	23.5	46.4	32.4
45 to 64 years.....	14.7	13.5	10.1	21.6	12.9	17.1	17.0	14.3	21.7	13.4
65 years and over.....	3.6	4.1	1.1	5.9	2.4	6.4	6.9	2.7	8.9	4.2
EAST NORTH CENTRAL.										
All ages, number.....	9,617,271	4,014,669	3,177,692	2,189,291	230,542	8,633,350	5,737,299	1,930,742	877,929	70,294
Under 5 years.....	944,123	490,769	420,255	16,672	16,230	963,590	761,482	188,451	4,226	7,193
5 to 14 years.....	1,651,950	804,660	717,648	97,773	31,493	1,828,768	1,364,200	417,653	28,053	14,554
15 to 24 years.....	1,947,443	836,424	737,474	328,309	44,399	1,581,709	1,069,823	401,442	73,213	13,285
25 to 44 years.....	3,170,607	1,173,973	920,512	979,546	94,019	2,265,357	1,359,274	582,551	301,151	19,088
45 to 64 years.....	1,487,934	533,870	364,557	936,519	35,406	1,445,174	856,819	295,544	304,977	11,399
65 years and over.....	394,406	160,117	33,544	192,888	7,788	335,408	318,966	44,147	166,670	4,548
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.8	12.2	13.2	0.8	7.0	11.2	13.3	9.8	0.5	10.2
5 to 14 years.....	17.2	20.0	22.6	4.5	13.7	21.2	23.8	21.6	3.2	20.7
15 to 24 years.....	20.2	20.8	23.2	15.0	19.3	18.3	19.0	20.8	8.5	18.9
25 to 44 years.....	33.0	29.2	29.0	44.7	40.8	26.2	23.7	20.2	37.4	34.3
45 to 64 years.....	15.5	13.3	10.9	26.1	15.4	16.8	14.6	15.3	34.4	16.2
65 years and over.....	4.1	4.0	1.1	8.8	3.4	6.2	5.6	2.3	19.0	6.5
WEST NORTH CENTRAL.										
All ages, number.....	3,873,716	1,984,327	1,090,069	631,696	164,301	7,764,205	4,539,360	2,124,634	931,535	78,361
Under 5 years.....	347,875	226,198	196,671	3,542	11,017	963,034	691,030	253,607	5,741	8,110
5 to 14 years.....	640,260	386,015	207,877	22,767	23,293	1,760,115	1,144,799	537,361	31,417	16,940
15 to 24 years.....	818,681	431,267	266,409	81,893	33,118	1,534,069	891,049	524,177	95,618	16,059
25 to 44 years.....	1,288,047	586,908	363,362	268,157	65,410	2,018,021	1,051,172	575,552	360,861	20,518
45 to 64 years.....	604,630	263,554	131,647	184,245	24,632	1,113,603	565,869	190,255	339,258	11,964
65 years and over.....	167,498	79,001	13,262	69,273	5,811	368,185	189,510	22,029	147,141	4,743
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.0	11.4	18.0	0.6	6.7	12.4	15.2	11.9	0.5	10.3
5 to 14 years.....	16.5	19.1	19.1	3.6	11.1	25.2	25.2	25.2	3.2	21.6
15 to 24 years.....	21.0	21.7	24.4	13.0	20.2	19.8	19.6	24.7	9.7	20.5
25 to 44 years.....	33.2	29.6	33.3	42.5	39.8	26.0	23.2	27.1	36.8	26.6
45 to 64 years.....	15.6	13.3	12.1	29.2	15.0	14.3	12.5	9.0	34.6	15.1
65 years and over.....	4.3	4.0	1.2	11.0	3.5	4.7	4.2	1.0	15.0	5.3

DISTRIBUTION BY AGE PERIODS OF THE URBAN AND RURAL POPULATION FOR THE UNITED STATES AND GEOGRAPHIC DIVISIONS: 1910—Continued.

[Totals for all ages include persons of unknown age.]

DIVISION AND AGE PERIOD.	URBAN POPULATION.					RURAL POPULATION.				
	All classes.	Native white.		Foreign-born white.	Negro.	All classes.	Native white.		Foreign-born white.	Negro.
		Native percentage.	Foreign or mixed percentage.				Native percentage.	Foreign or mixed percentage.		
SOUTH ATLANTIC.										
All ages, number.....	3,042,153	1,676,513	313,415	191,758	909,520	9,102,742	5,665,386	126,428	98,749	3,202,568
Under 5 years.....	310,326	187,598	37,363	1,582	83,710	1,346,893	840,214	17,293	993	486,806
5 to 14 years.....	565,652	335,652	62,156	10,825	167,954	2,355,256	1,421,466	26,072	5,027	900,321
15 to 24 years.....	651,486	355,824	58,819	29,990	206,607	1,831,851	1,114,190	21,028	16,909	677,262
25 to 44 years.....	1,002,809	615,854	96,711	81,696	307,115	2,138,286	1,347,004	37,910	44,596	793,790
45 to 64 years.....	440,274	226,718	51,053	47,402	114,604	1,090,296	718,799	21,119	21,605	327,695
65 years and over.....	112,595	61,007	7,140	19,820	24,599	327,033	217,900	4,932	9,269	107,541
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.0	11.2	11.9	0.8	9.2	14.8	14.8	13.7	1.0	15.2
5 to 14 years.....	18.3	19.4	19.8	5.6	18.5	25.9	25.1	20.6	5.1	28.1
15 to 24 years.....	21.1	21.2	18.8	15.6	22.7	20.1	19.7	17.1	17.1	21.1
25 to 44 years.....	32.4	30.8	30.8	42.6	33.8	23.5	23.8	45.0	22.2	32.2
45 to 64 years.....	14.2	13.5	16.3	24.7	12.6	12.0	12.7	16.7	21.9	10.2
65 years and over.....	3.6	3.6	2.3	10.3	2.7	3.6	3.8	3.9	9.4	3.0
EAST SOUTH CENTRAL.										
All ages, number.....	1,574,229	856,825	149,982	57,932	509,097	6,835,872	4,595,668	64,355	28,925	2,143,416
Under 5 years.....	150,729	95,038	9,392	237	43,105	1,009,651	698,639	5,656	189	304,698
5 to 14 years.....	284,959	172,186	20,732	2,049	89,109	1,758,136	1,167,513	11,455	1,301	575,173
15 to 24 years.....	332,823	186,395	27,597	5,649	113,114	1,386,406	915,728	11,378	2,781	456,004
25 to 44 years.....	518,682	261,039	69,276	20,356	177,844	1,615,802	1,082,364	20,658	9,617	502,563
45 to 64 years.....	226,098	109,944	29,917	19,398	67,249	816,469	560,805	13,086	9,543	232,751
65 years and over.....	56,538	27,210	2,935	10,152	16,016	240,951	166,274	2,599	5,415	66,465
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.6	11.4	6.3	0.4	8.5	14.8	15.2	8.7	0.7	14.2
5 to 14 years.....	18.0	20.1	13.8	3.5	17.5	25.7	24.4	17.6	4.5	26.8
15 to 24 years.....	21.1	21.8	18.4	9.8	22.2	20.3	20.3	19.9	9.6	21.3
25 to 44 years.....	32.9	30.5	39.5	35.1	34.9	23.6	23.6	31.8	33.2	23.4
45 to 64 years.....	14.4	12.8	19.9	33.5	13.2	11.9	12.6	20.1	33.0	10.9
65 years and over.....	3.6	3.2	2.0	17.5	3.1	3.5	3.6	4.2	18.7	3.1
WEST SOUTH CENTRAL.										
All ages, number.....	1,957,456	1,142,638	236,289	136,808	435,838	6,827,078	4,624,813	369,994	211,951	1,548,588
Under 5 years.....	200,222	134,255	23,538	1,885	39,826	1,035,436	743,383	5,134	4,024	218,186
5 to 14 years.....	376,299	239,007	43,885	9,367	82,633	1,795,095	1,228,936	104,176	18,068	423,291
15 to 24 years.....	412,501	247,346	46,643	19,395	68,205	1,399,748	942,139	81,285	31,011	331,007
25 to 44 years.....	642,181	353,871	81,525	54,139	151,013	1,640,878	1,089,295	87,752	79,250	368,954
45 to 64 years.....	257,151	133,240	36,398	37,027	49,658	759,787	496,594	34,549	58,995	159,896
65 years and over.....	61,059	30,179	4,103	14,542	12,130	185,418	116,344	4,714	19,704	42,943
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.2	11.7	10.0	1.4	9.1	15.2	16.1	15.2	1.9	14.1
5 to 14 years.....	19.2	20.9	18.6	6.8	19.0	26.3	26.6	28.2	8.5	27.3
15 to 24 years.....	21.1	21.6	19.7	14.2	22.5	20.5	20.4	22.0	14.6	21.4
25 to 44 years.....	32.8	31.0	41.5	39.6	34.6	24.0	23.6	23.8	37.4	23.8
45 to 64 years.....	13.1	11.7	15.4	27.1	11.4	11.1	11.0	9.4	4.7	27.8
65 years and over.....	3.1	2.6	1.7	10.6	2.8	2.7	2.8	1.3	9.3	2.3
MOUNTAIN.										
All ages, number.....	947,511	491,829	289,131	173,311	15,446	1,686,006	974,795	357,790	283,579	6,021
Under 5 years.....	91,296	57,305	31,300	1,373	978	214,508	150,161	50,170	2,533	372
5 to 14 years.....	161,696	94,443	57,535	7,503	1,873	331,378	233,384	86,264	12,163	775
15 to 24 years.....	184,021	97,817	59,078	23,225	5,506	321,530	188,438	76,220	41,156	1,122
25 to 44 years.....	335,189	160,820	81,540	82,011	7,057	517,822	299,742	106,292	125,768	2,661
45 to 64 years.....	141,532	64,216	26,893	46,439	2,400	226,176	115,249	35,042	63,723	870
65 years and over.....	29,379	14,344	2,492	12,005	371	49,138	24,951	3,558	15,178	184
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.6	11.7	12.1	0.8	6.3	12.7	15.4	14.0	1.1	6.2
5 to 14 years.....	17.1	19.2	22.2	4.3	12.1	20.8	24.1	23.9	4.0	12.9
15 to 24 years.....	19.4	19.9	22.8	13.4	16.8	19.1	19.3	21.3	15.6	18.6
25 to 44 years.....	35.4	32.7	31.5	47.3	45.7	30.7	29.7	29.7	47.7	44.2
45 to 64 years.....	15.0	13.1	10.4	26.8	15.9	13.4	11.8	9.8	8.8	24.2
65 years and over.....	3.1	2.9	1.0	6.9	2.1	2.9	2.6	1.0	6.1	1.9
PACIFIC.										
All ages, number.....	2,382,229	1,117,591	648,448	528,488	24,362	1,809,975	991,179	405,207	332,960	4,833
Under 5 years.....	181,654	104,457	69,483	3,634	1,589	180,972	119,661	53,322	2,144	289
5 to 14 years.....	325,222	178,780	121,246	19,338	2,880	330,091	208,478	100,473	11,892	657
15 to 24 years.....	451,796	230,369	148,085	67,239	4,223	331,241	185,358	67,143	45,299	802
25 to 44 years.....	904,605	383,825	225,177	259,862	10,856	672,432	378,722	111,879	148,679	1,847
45 to 64 years.....	407,919	171,805	74,841	142,880	3,940	302,480	148,392	44,690	94,698	882
65 years and over.....	101,969	49,121	9,056	42,285	674	88,020	47,731	7,018	29,280	235
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	7.6	9.3	10.7	0.7	6.5	10.0	12.1	13.2	0.6	3.0
5 to 14 years.....	13.7	16.0	18.7	3.7	11.8	18.2	21.0	24.9	3.6	16.6
15 to 24 years.....	19.0	19.7	22.8	12.7	18.2	18.2	18.7	21.5	13.6	18.7
25 to 44 years.....	37.8	34.5	34.7	47.5	44.6	31.6	28.1	27.6	44.7	38.2
45 to 64 years.....	17.1	15.4	11.5	27.0	16.2	16.7	15.0	11.0	28.4	18.2
65 years and over.....	4.3	4.4	1.4	8.0	2.8	4.9	4.8	1.7	8.8	4.9

AGE DISTRIBUTION.

DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES OF 100,000 INHABITANTS OR MORE: 1910.

[Totals for all ages include persons of unknown age.]

Table 15	CITY AND AGE PERIOD.	NATIVE WHITE.				Negro.	CITY AND AGE PERIOD.	NATIVE WHITE.				Negro.	
		All classes.	Native parent-ago.	Foreign parent-ago.	Foreign-born white.			All classes.	Native parent-ago.	Foreign parent-ago.	Foreign-born white.		
Albany, N. Y.													
	All ages, number	100,253	44,473	38,533	18,165	1,037							
	Under 5 years	7,603	4,761	2,687	117	35							
	5 to 14 years	14,904	8,907	5,196	668	142							
	15 to 24 years	18,668	9,574	6,655	2,223	213							
	25 to 44 years	35,029	13,298	14,422	6,873	418							
	45 to 64 years	18,524	5,946	6,817	3,570	181							
	65 years and over	3,427	1,956	742	2,687	42							
	All ages, per cent	100.0	100.0	100.0	100.0	100.0							
	Under 5 years	7.6	10.7	7.1	0.6	3.4							
	5 to 14 years	14.9	20.0	14.2	3.7	13.7							
	15 to 24 years	18.6	21.5	18.2	12.2	20.5							
	25 to 44 years	35.0	29.9	39.5	37.8	40.3							
	45 to 64 years	18.5	13.4	18.7	30.7	17.5							
	65 years and over	3.4	4.4	2.0	14.8	4.1							
Bridgeport, Conn.													
	All ages, number	102,054	27,196	37,314	36,180	1,332							
	Under 5 years	10,608	2,739	7,439	892	114							
	5 to 14 years	17,158	4,884	10,257	1,789	185							
	15 to 24 years	20,859	5,194	7,610	7,806	241							
	25 to 44 years	35,495	8,378	8,688	17,811	582							
	45 to 64 years	14,535	4,408	3,073	6,857	179							
	65 years and over	3,323	1,517	198	1,574	30							
	All ages, per cent	100.0	100.0	100.0	100.0	100.0							
	Under 5 years	10.4	10.2	19.9	0.8	8.6							
	5 to 14 years	16.8	18.0	27.6	4.9	13.9							
	15 to 24 years	20.4	19.1	20.4	21.6	18.1							
	25 to 44 years	34.8	30.9	23.3	49.2	43.7							
	45 to 64 years	14.2	13.2	8.2	18.0	13.7							
	65 years and over	3.3	5.6	0.5	4.4	2.3							
Atlanta, Ga.													
	All ages, number	154,839	91,987	8,464	4,410	51,902							
	Under 5 years	15,589	10,174	748	42	4,622							
	5 to 14 years	29,986	16,521	1,007	279	8,803							
	15 to 24 years	34,574	20,105	1,298	716	12,451							
	25 to 44 years	52,824	30,479	2,008	2,016	18,204							
	45 to 64 years	20,103	11,776	960	1,028	6,364							
	65 years and over	4,564	2,843	123	313	1,281							
	All ages, per cent	100.0	100.0	100.0	100.0	100.0							
	Under 5 years	10.1	11.1	11.6	1.0	8.9							
	5 to 14 years	17.4	18.0	21.0	6.3	17.1							
	15 to 24 years	22.3	21.9	20.1	16.2	24.0							
	25 to 44 years	34.1	33.1	32.5	45.7	35.1							
	45 to 64 years	13.0	12.8	13.9	23.3	12.3							
	65 years and over	2.9	3.1	1.9	7.1	2.5							
Baltimore, Md.													
	All ages, number	558,485	261,474	134,870	77,043	84,748							
	Under 5 years	51,956	28,966	15,916	474	6,628							
	5 to 14 years	93,124	52,363	27,610	4,676	15,567							
	15 to 24 years	112,966	57,671	26,011	11,432	17,820							
	25 to 44 years	180,411	70,779	39,561	31,287	32,340							
	45 to 64 years	91,095	35,127	22,626	20,386	12,838							
	65 years and over	23,578	9,669	2,745	8,707	2,452							
	All ages, per cent	100.0	100.0	100.0	100.0	100.0							
	Under 5 years	9.3	11.1	11.8	0.6	7.8							
	5 to 14 years	16.6	20.3	20.7	6.1	14.8							
	15 to 24 years	20.2	22.1	19.3	14.8	21.0							
	25 to 44 years	32.2	29.4	29.3	40.6	38.0							
	45 to 64 years	16.3	13.4	16.8	26.5	15.1							
	65 years and over	4.2	3.7	2.0	11.3	2.9							
Birmingham, Ala.													
	All ages, number	132,685	66,312	8,357	5,700	52,305							
	Under 5 years	14,202	8,212	1,348	44	4,598							
	5 to 14 years	21,324	12,945	2,138	372	8,909							
	15 to 24 years	25,560	14,016	1,815	859	11,367							
	25 to 44 years	46,417	22,105	2,135	2,605	20,069							
	45 to 64 years	15,518	7,506	821	1,488	5,701							
	65 years and over	2,763	1,467	96	352	858							
	All ages, per cent	100.0	100.0	100.0	100.0	100.0							
	Under 5 years	10.7	12.4	16.1	0.8	8.8							
	5 to 14 years	18.3	19.5	25.6	6.5	17.0							
	15 to 24 years	21.5	21.1	21.7	15.1	22.7							
	25 to 44 years	35.4	33.3	25.5	45.7	38.4							
	45 to 64 years	11.7	11.3	9.8	26.1	10.9							
	65 years and over	2.1	2.2	1.1	5.8	1.7							
Boston, Mass.													
	All ages, number	670,555	157,870	257,104	240,722	13,864							
	Under 5 years	63,725	16,524	44,711	1,511	942							
	5 to 14 years	112,095	27,237	71,536	11,719	1,568							
	15 to 24 years	123,016	27,964	52,750	39,916	2,203							
	25 to 44 years	235,297	47,565	65,005	117,552	6,407							
	45 to 64 years	108,739	27,816	22,978	55,494	2,104							
	65 years and over	27,068	10,348	2,045	14,388	324							
	All ages, per cent	100.0	100.0	100.0	100.0	100.0							
	Under 5 years	9.5	10.5	17.4	0.6	6.9							
	5 to 14 years	16.7	17.3	27.8	4.9	11.6							
	15 to 24 years	18.3	21.5	21.7	19.7	16.2							
	25 to 44 years	35.1	30.1	24.5	48.8	47.2							
	45 to 64 years	16.2	17.6	8.9	23.1	15.5							
	65 years and over	4.0	6.6	0.8	6.0	2.4							
Buffalo, N. Y.													
	All ages, number	423,715	119,692	183,673	118,444	1,773							
	Under 5 years	42,237	15,875	25,409	892	885							
	5 to 14 years	77,443	29,343	46,223	5,114	1,380							
	15 to 24 years	87,106	28,152	41,273	17,353	1,100							
	25 to 44 years	136,731	34,288	48,104	53,429	849							
	45 to 64 years	65,476	11,349	21,968	31,802	257							
	65 years and over	14,302	2,917	1,608	9,795	41							
	All ages, per cent	100.0	100.0	100.0	100.0	100.0							
	Under 5 years	10.0	13.3	13.8	0.7	5.0							
	5 to 14 years	18.3	22.5	25.6	4.3	11.2							
	15 to 24 years	20.6	23.5	22.5	14.7	17.5							
	25 to 44 years	32.3	28.6	26.2	45.1	47.9							
	45 to 64 years	15.5	9.5	12.0	26.8	16.2							
	65 years and over	3.4	2.4	0.9	8.3	2.3							
Cambridge, Mass.													
	All ages, number	104,839	25,615	39,794	34,608	4,707							
	Under 5 years	10,802	2,890	7,219	211	480							
	5 to 14 years	14,363	4,443	11,594	1,491	828							
	15 to 24 years	19,338	4,470	8,968	5,432	831							
	25 to 44 years	34,901	7,055	8,506	17,134	1,712							
	45 to 64 years	16,732	4,721	3,161	8,107	711							
	65 years and over	4,642	1,979	316	2,202	111							
	All ages, per cent	100.0	100.0	100.0	100.0	100.0							
	Under 5 years	10.3	11.3	18.1	0.6	10.2							
	5 to 14 years	13.8	17.4	29.1	4.3	17.6							
	15 to 24 years	18.4	17.5	21.6	15.7	17.7							
	25 to 44 years	33.3	27.7	22.4	49.5	36.4							
	45 to 64 years	16.0	18.4	7.9	23.4	13.1							
	65 years and over	4.4	7.7	0.8	6.4	3.0							
Chicago, Ill.													
	All ages, number	2,188,283	445,139	912,701	781,217	44,103							
	Under 5 years	223,767	63,281	152,194	5,765	2,472		</					

DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES OF 100,000 INHABITANTS OR MORE: 1910—Contd.

[Totals for all ages include persons of unknown age.]

CITY AND AGE PERIOD.	All classes.	NATIVE WHITE.		Foreign-born white.	Negro.	CITY AND AGE PERIOD.	All classes.	NATIVE WHITE.		Foreign-born white.	Negro.
		Native per cent.	Foreign per cent.					Native per cent.	Foreign per cent.		
Cleveland, Ohio.											
All ages, number.....	560,663	132,314	223,908	198,703	8,448	All ages, number.....	119,295	15,858	52,125	50,874	355
Under 5 years.....	62,512	18,653	41,633	1,602	519	Under 5 years.....	13,897	2,633	10,857	542	7.0
5 to 14 years.....	97,454	27,175	59,855	11,900	938	5 to 14 years.....	24,287	3,840	17,066	3,318	41
15 to 24 years.....	114,971	26,680	51,787	34,857	1,612	15 to 24 years.....	24,284	2,764	11,401	9,842	62
25 to 44 years.....	192,924	40,876	55,410	92,530	3,970	25 to 44 years.....	35,981	3,475	10,159	22,141	165
45 to 64 years.....	75,332	14,715	15,854	43,484	1,185	45 to 64 years.....	16,627	2,307	2,453	12,678	38
65 years and over.....	16,790	3,706	1,328	11,550	294	65 years and over.....	4,065	965	149	2,947	4
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.1	14.1	18.6	0.8	6.1	Under 5 years.....	11.7	16.3	20.8	1.1	7.0
5 to 14 years.....	17.2	20.5	25.8	1.4	11.1	5 to 14 years.....	20.4	24.2	32.8	6.5	11.5
15 to 24 years.....	20.5	20.2	23.1	17.8	19.1	15 to 24 years.....	20.2	17.4	21.9	19.3	17.5
25 to 44 years.....	34.4	30.9	24.7	47.3	47.0	25 to 44 years.....	30.2	21.9	19.5	43.5	46.5
45 to 64 years.....	13.4	11.1	7.1	22.2	14.0	45 to 64 years.....	14.2	14.5	4.7	23.7	16.3
65 years and over.....	3.0	2.8	0.6	5.9	2.4	65 years and over.....	3.4	7.7	0.3	5.8	1.1
Columbus, Ohio.											
All ages, number.....	181,511	116,846	35,578	16,285	12,739	All ages, number.....	112,571	40,777	42,767	28,335	665
Under 5 years.....	14,357	10,879	2,527	91	836	Under 5 years.....	11,293	4,912	6,096	235	36
5 to 14 years.....	25,934	19,777	4,920	632	1,578	5 to 14 years.....	19,187	7,199	10,531	1,337	74
15 to 24 years.....	36,774	25,433	6,786	1,848	2,044	15 to 24 years.....	22,371	7,960	10,602	3,666	109
25 to 44 years.....	65,495	39,810	13,388	6,823	5,440	25 to 44 years.....	35,856	12,393	11,250	11,942	258
45 to 64 years.....	30,436	16,724	7,084	4,754	1,501	45 to 64 years.....	18,496	6,312	3,558	8,178	142
65 years and over.....	7,232	3,600	802	2,105	534	65 years and over.....	5,233	1,868	573	2,853	38
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	7.9	9.3	7.1	0.6	6.6	Under 5 years.....	10.0	12.0	14.3	0.8	5.4
5 to 14 years.....	14.3	16.9	13.8	4.0	12.4	5 to 14 years.....	17.0	17.7	24.7	4.7	11.1
15 to 24 years.....	20.3	21.8	19.1	11.3	20.8	15 to 24 years.....	19.9	19.6	24.8	12.9	16.4
25 to 44 years.....	36.1	34.1	37.6	41.9	42.8	25 to 44 years.....	31.9	30.4	26.3	42.1	38.8
45 to 64 years.....	16.8	14.3	19.9	29.2	14.6	45 to 64 years.....	16.4	15.5	9.0	28.9	21.4
65 years and over.....	4.0	3.4	2.4	12.9	2.6	65 years and over.....	4.6	4.6	0.9	10.4	5.7
Dayton, Ohio.											
All ages, number.....	116,577	72,301	25,599	13,847	4,842	All ages, number.....	233,650	150,593	41,420	19,767	21,816
Under 5 years.....	10,647	7,922	2,243	107	374	Under 5 years.....	18,697	14,277	2,794	68	1,557
5 to 14 years.....	17,943	13,065	3,657	694	616	5 to 14 years.....	35,646	26,195	5,839	545	3,046
15 to 24 years.....	22,934	15,291	4,920	1,948	919	15 to 24 years.....	45,814	30,469	7,788	2,274	4,259
25 to 44 years.....	40,303	29,104	9,292	5,872	2,620	25 to 44 years.....	83,848	50,610	16,424	8,053	8,735
45 to 64 years.....	19,791	10,264	5,297	3,536	746	45 to 64 years.....	39,712	22,597	7,722	5,878	3,494
65 years and over.....	5,111	2,644	536	1,775	156	65 years and over.....	9,951	5,571	811	2,913	656
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.1	11.0	8.8	0.8	7.7	Under 5 years.....	8.0	9.5	6.7	0.3	7.1
5 to 14 years.....	15.4	18.1	14.3	4.4	12.7	5 to 14 years.....	15.3	17.4	14.1	2.7	14.0
15 to 24 years.....	19.5	21.1	18.0	14.1	19.0	15 to 24 years.....	19.4	20.6	15.8	11.5	19.5
25 to 44 years.....	34.6	32.0	36.4	42.4	41.7	25 to 44 years.....	35.9	33.6	39.7	40.7	40.0
45 to 64 years.....	17.0	14.2	20.5	25.5	15.4	45 to 64 years.....	17.0	15.0	8.6	29.7	16.0
65 years and over.....	4.4	3.7	2.1	12.8	3.2	65 years and over.....	4.3	3.7	2.0	14.7	3.0
Denver, Colo.											
All ages, number.....	213,381	106,946	61,185	38,941	5,426	All ages, number.....	267,775	74,861	109,101	77,697	5,960
Under 5 years.....	16,879	9,897	6,474	200	313	Under 5 years.....	29,457	11,362	17,004	530	557
5 to 14 years.....	32,504	17,684	12,633	1,526	632	5 to 14 years.....	52,398	19,830	28,894	3,311	862
15 to 24 years.....	40,374	21,024	13,938	4,306	933	15 to 24 years.....	53,484	16,135	23,675	12,611	1,044
25 to 44 years.....	77,659	37,137	19,706	17,884	2,444	25 to 44 years.....	88,145	18,656	29,758	37,002	2,625
45 to 64 years.....	37,375	16,648	7,605	12,650	920	45 to 64 years.....	36,340	6,991	9,634	19,004	779
65 years and over.....	7,703	3,983	747	2,819	142	65 years and over.....	7,752	1,764	708	5,198	82
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	7.9	9.2	10.6	0.5	5.8	Under 5 years.....	11.0	15.2	15.6	0.7	9.3
5 to 14 years.....	15.2	16.5	20.6	3.9	11.6	5 to 14 years.....	19.6	26.5	26.0	4.3	14.5
15 to 24 years.....	18.9	19.7	22.8	11.1	17.2	15 to 24 years.....	20.4	21.6	21.7	16.2	17.5
25 to 44 years.....	36.4	34.7	32.2	45.9	46.4	25 to 44 years.....	32.9	24.9	27.3	47.6	40.0
45 to 64 years.....	17.5	15.6	12.4	30.9	17.0	45 to 64 years.....	13.6	9.3	8.7	24.5	13.1
65 years and over.....	3.6	3.7	1.2	7.2	2.6	65 years and over.....	2.9	2.4	0.6	6.7	1.4
Detroit, Mich.											
All ages, number.....	465,766	115,106	188,255	156,585	6,741	All ages, number.....	248,381	163,717	45,633	25,327	23,566
Under 5 years.....	48,715	16,615	30,054	1,715	330	Under 5 years.....	18,993	13,110	4,092	174	1,211
5 to 14 years.....	77,658	22,622	46,242	8,009	685	5 to 14 years.....	34,138	23,011	7,536	1,116	2,466
15 to 24 years.....	99,231	24,935	46,371	26,802	1,081	15 to 24 years.....	50,579	32,180	9,857	3,218	4,700
25 to 44 years.....	158,838	34,755	49,464	72,049	2,550	25 to 44 years.....	63,841	24,891	16,857	10,889	11,150
45 to 64 years.....	65,166	12,328	14,725	37,191	899	45 to 64 years.....	39,673	22,691	6,494	7,340	3,214
65 years and over.....	15,306	3,209	1,345	10,572	174	65 years and over.....	8,641	5,086	642	2,422	490
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.5	14.4	16.0	1.1	5.7	Under 5 years.....	7.5	8.5	9.0	0.7	5.1
5 to 14 years.....	16.7	19.7	24.6	5.2	11.9	5 to 14 years.....	13.7	15.0	16.5	4.4	10.5
15 to 24 years.....	21.3	21.7	24.6	17.1	15.8	15 to 24 years.....	21.3	21.1	21.8	12.7	19.9
25 to 44 years.....	34.1	30.2	24.0	46.0	44.4	25 to 44 years.....	37.8	35.7	36.9	43.4	47.3
45 to 64 years.....	14.0	10.7	7.8	23.8	15.7	45 to 64 years.....	16.0	14.7	14.2	28.0	13.6
65 years and over.....	3.3	2.8	0.7	6.8	3.0	65 years and over.....	3.5	3.3	1.4	8.6	2.1
Fall River, Mass.											
All ages, number.....	560,663	132,314	223,908	198,703	8,448	All ages, number.....	119,295	15,858	52,125	50,874	355
Under 5 years.....	62,512	18,653	41,633	1,602	519	Under 5 years.....	13,897	2,633	10,857	542	7.0
5 to 14 years.....	97,454	27,175	59,855	11,900	938	5 to 14 years.....	24,287	3,840	17,066	3,318	41
15 to 24 years.....	114,971	26,680	51,787	34,857	1,612	15 to 24 years.....	24,284	2,764	11,401	9,842	62
25 to 44 years.....	192,924	40,876	55,410	92,530	3,970	25 to 44 years.....	35,981	3,475	10,159	22,141	165
45 to 64 years.....	75,332	14,715	15,854	43,484	1,185	45 to 64 years.....	16,627	2,307	2,453	12,678	38
65 years and over.....	16,790	3,706	1,328	11,550	294	65 years and over.....	4,065	965	149	2,947	4
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.1	14.1	18.6	0.8	6.1	Under 5 years.....	11.7	16.3	20.8	1.1	7.0
5 to 14 years.....	17.2	20.5	25.8	1.4	11.1	5 to 14 years.....	20.4	24.2	32.8	6.5	11.5
15 to 24 years.....	20.5	20.2	23.1	17.8	19.1	15 to 24 years.....	20.2	17.4	21.9	19.3	17.5
25 to 44 years.....	34.4	30.9	24.7	47.3	47.0	25 to 44 years.....	30.2	21.9	19.5	43.5	46.5
45 to 64 years.....	13.4	11.1	7.1	22.2	14.0	45 to 64 years.....	14.2	14.5	4.7	23.7	16.3
65 years and over.....	3.0	2.8	0.6	5.9	2.4	65 years and over.....	3.4	7.7	0.3	5.8	1.1
Grand Rapids, Mich.											
All ages, number.....	181,511	116,846	35,578	16,285	12,739	All ages, number.....	112,571	40,777	42,767	28,335	665
Under 5 years.....	14,357										

AGE DISTRIBUTION.

DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES OF 100,000 INHABITANTS OR MORE: 1910—Contd.

[Totals for all ages include persons of unknown age.]

CITY AND AGE PERIOD.	NATIVE WHITE.				Negro.	CITY AND AGE PERIOD.	NATIVE WHITE.				Negro.
	All classes.	Native parent-age.	Foreign or mixed parentage.	Foreign-born white.			All classes.	Native parent-age.	Foreign or mixed parentage.	Foreign-born white.	
Los Angeles, Cal.											
All ages, number.....	319,193	189,967	74,758	60,584	7,599	Minneapolis, Minn.					
Under 5 years.....	22,817	13,381	8,022	555	556	(Continued.)					
5 to 14 years.....	41,317	23,688	15,040	3,026	1,040	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
15 to 24 years.....	67,621	31,523	15,657	7,765	1,433	Under 5 years.....	11.1	12.5	0.5	4.4	4.4
25 to 44 years.....	121,775	61,974	25,693	13,104	2,463	5 to 14 years.....	18.6	16.6	21.8	3.4	8.7
45 to 64 years.....	59,639	30,359	10,340	16,709	1,244	15 to 24 years.....	22.4	22.1	28.5	14.6	15.8
65 years and over.....	15,439	8,822	1,475	4,916	184	25 to 44 years.....	35.4	31.2	28.7	48.7	52.2
						45 to 64 years.....	14.9	13.4	6.7	26.5	13.7
						65 years and over.....	3.3	4.0	0.6	6.1	2.2
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	Nashville, Tenn.					
Under 5 years.....	7.1	7.9	7.0	0.9	7.3	All ages, number.....	110,364	63,687	7,151	2,993	36,523
5 to 14 years.....	13.0	13.9	13.1	5.0	13.8	Under 5 years.....	10,172	6,988	452	11	2,721
15 to 24 years.....	18.1	18.5	20.9	12.7	19.8	5 to 14 years.....	19,027	12,375	988	144	6,112
25 to 44 years.....	38.2	36.5	34.4	45.6	40.8	15 to 24 years.....	24,167	14,000	1,328	300	8,537
45 to 64 years.....	18.7	17.9	13.8	27.6	16.4	25 to 44 years.....	35,514	19,438	2,849	989	12,233
65 years and over.....	4.8	5.2	2.0	8.1	2.4	45 to 64 years.....	16,095	8,745	1,370	1,022	5,536
						65 years and over.....	4,146	2,120	156	334	1,946
						All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	8.4	12.2	4.8	0.3	6.1	Under 5 years.....	9.2	11.0	6.3	0.4	7.5
5 to 14 years.....	16.7	22.0	12.7	2.2	13.4	5 to 14 years.....	17.8	17.8	13.7	4.8	16.7
15 to 24 years.....	30.7	28.3	15.2	7.6	30.8	15 to 24 years.....	22.0	22.0	18.6	10.0	23.4
25 to 44 years.....	33.7	28.2	41.2	31.4	40.3	25 to 44 years.....	32.2	30.5	39.8	33.0	33.5
45 to 64 years.....	16.4	11.2	21.3	37.1	15.7	45 to 64 years.....	15.1	13.7	19.2	34.1	15.2
65 years and over.....	4.0	2.7	1.8	21.3	3.2	65 years and over.....	3.8	3.3	2.2	17.5	3.7
						New Haven, Conn.					
All ages, number.....	223,928	113,543	52,411	17,436	40,522	All ages, number.....	133,605	37,726	49,434	42,784	3,561
Under 5 years.....	18,848	13,827	2,514	49	2,458	Under 5 years.....	13,702	3,743	9,382	305	271
5 to 14 years.....	37,418	24,954	6,638	387	5,439	5 to 14 years.....	24,241	7,247	13,900	2,110	1,822
15 to 24 years.....	46,279	26,970	9,528	1,333	8,432	15 to 24 years.....	25,205	6,772	9,960	7,890	626
25 to 44 years.....	75,143	32,052	21,575	5,467	16,341	25 to 44 years.....	43,355	10,649	11,651	19,499	1,498
45 to 64 years.....	36,655	12,662	11,146	6,463	6,379	45 to 64 years.....	21,083	6,513	4,179	9,828	542
65 years and over.....	8,976	3,615	969	3,766	1,286	65 years and over.....	5,735	2,710	338	2,551	136
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	8.4	12.2	4.8	0.3	6.1	Under 5 years.....	10.3	9.9	19.0	0.7	7.6
5 to 14 years.....	16.7	22.0	12.7	2.2	13.4	5 to 14 years.....	18.1	18.1	14.1	6.1	15.5
15 to 24 years.....	30.7	28.3	15.2	7.6	30.8	15 to 24 years.....	18.9	18.0	20.1	18.4	17.6
25 to 44 years.....	33.7	28.2	41.2	31.4	40.3	25 to 44 years.....	28.2	23.6	45.6	42.1	42.1
45 to 64 years.....	16.4	11.2	21.3	37.1	15.7	45 to 64 years.....	15.8	17.3	8.5	23.0	15.2
65 years and over.....	4.0	2.7	1.8	21.3	3.2	65 years and over.....	4.3	7.2	0.7	6.0	3.8
						New Orleans, La.					
All ages, number.....	106,294	20,703	41,942	43,457	133	All ages, number.....	339,075	147,473	74,244	27,686	89,262
Under 5 years.....	10,437	2,343	7,681	400	11	Under 5 years.....	32,407	19,696	4,566	131	7,624
5 to 14 years.....	19,027	3,639	12,302	2,073	13	5 to 14 years.....	64,076	37,808	9,564	1,073	15,554
15 to 24 years.....	21,343	3,447	9,418	1,333	49	15 to 24 years.....	69,403	35,476	12,967	2,807	18,649
25 to 44 years.....	35,046	6,484	9,153	20,327	69	25 to 44 years.....	110,408	38,236	30,169	9,409	32,396
45 to 64 years.....	16,901	4,058	3,098	9,706	26	45 to 64 years.....	48,291	11,855	16,100	8,760	11,445
65 years and over.....	4,389	1,683	268	2,431	7	65 years and over.....	12,892	2,736	1,720	5,371	3,036
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.8	11.3	6.3	0.9	8.3	Under 5 years.....	9.5	13.4	6.1	0.5	8.5
5 to 14 years.....	18.0	17.6	29.3	4.8	9.8	5 to 14 years.....	18.9	25.7	12.9	3.9	17.4
15 to 24 years.....	20.1	16.6	21.5	13.4	18.8	15 to 24 years.....	20.5	24.1	16.3	10.4	21.2
25 to 44 years.....	33.0	26.5	21.8	46.8	36.8	25 to 44 years.....	32.6	25.9	40.6	34.0	36.3
45 to 64 years.....	15.9	19.6	7.4	22.3	19.0	45 to 64 years.....	14.2	8.0	21.7	31.6	12.8
65 years and over.....	4.1	8.1	0.6	5.6	5.3	65 years and over.....	3.8	1.9	2.3	19.4	3.4
						New York, N. Y.					
All ages, number.....	131,105	59,985	12,138	8,467	52,441	All ages, number.....	4,766,833	921,318	1,820,141	1,927,703	91,709
Under 5 years.....	10,756	6,012	984	28	3,729	Under 5 years.....	507,080	126,855	358,733	14,690	6,676
5 to 14 years.....	19,505	10,201	1,789	318	7,190	5 to 14 years.....	800,694	210,937	504,509	135,670	9,972
15 to 24 years.....	28,575	13,115	2,283	916	12,249	15 to 24 years.....	989,484	197,307	375,091	399,225	18,644
25 to 44 years.....	50,110	21,132	4,578	2,613	21,408	25 to 44 years.....	1,613,715	284,625	127,967	18,649	14,849
45 to 64 years.....	17,546	7,349	2,039	1,573	6,269	45 to 64 years.....	653,787	98,778	147,599	395,495	10,441
65 years and over.....	3,857	1,541	158	715	1,442	65 years and over.....	135,321	28,280	12,564	92,747	1,090
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	8.2	10.0	8.1	0.4	7.1	Under 5 years.....	10.6	13.8	19.7	0.8	7.3
5 to 14 years.....	14.9	17.0	14.7	4.9	13.7	5 to 14 years.....	22.4	22.4	18.7	7.0	19.9
15 to 24 years.....	21.8	21.9	18.8	14.2	23.4	15 to 24 years.....	20.8	21.4	20.5	20.7	20.3
25 to 44 years.....	38.2	35.3	40.2	40.4	40.8	25 to 44 years.....	33.9	27.6	23.2	46.1	48.0
45 to 64 years.....	13.4	12.3	16.8	29.0	12.0	45 to 64 years.....	13.7	10.7	8.1	26.5	11.4
65 years and over.....	2.9	2.6	1.3	11.1	2.7	65 years and over.....	2.8	3.1	0.7	4.8	1.8
						Manhattan Borough.					
All ages, number.....	373,857	78,823	182,530	111,456	980	All ages, number.....	2,331,542	344,351	818,208	1,104,019	60,534
Under 5 years.....	14,378	8,834	22,239	790	46	Under 5 years.....	235,864	41,504	181,317	8,885	4,054
5 to 14 years.....	69,041	24,299	42,746	4,913	81	5 to 14 years.....	384,443	64,431	231,205	88,038	5,637
15 to 24 years.....	81,051	19,500	46,392	14,965	184	15 to 24 years.....	806,576	71,028	167,707	257,745	12,607
25 to 44 years.....	118,833	17,999	53,114	47,690	456	25 to 44 years.....	1,038,338	109,675	173,742	503,842	30,821
45 to 64 years.....	53,184	4,459	16,879	22,216	149	45 to 64 years.....	315,563	42,252	58,566	296,917	6,381
65 years and over.....	12,756	1,220	702	10,813	20	65 years and over.....	59,552	11,018	5,016	42,681	811
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.1	18.7	12.2	0.7	4.7	Under 5 years.....	12.6	12.2	29.2	0.8	5.2
5 to 14 years.....	18.5	27.0	23.4	4.4	8.3	5 to 14 years.....	16.5	18.7	28.3	7.5	9.3
15 to 24 years.....	21.7	24.7	25.4	13.4	18.6	15 to 24 years.....	21.9	20.6	20.5	23.3	20.8
25 to 44 years.....	31.8	21.7	29.3	42.8	50.6	25 to 44 years.....	27.2	31.8	21.2	45.6	50.9
45 to 64 years.....	14.4	5.7	9.2	27.8	14.9	45 to 64 years.....	13.2	12.3	7.2	18.7	14.0
65 years and over.....	3.4	1.5	0.4	9.7	2.0	65 years and over.....	2.6	3.2	0.6	3.9	1.3
						Minneapolis, Minn.					
All ages, number.....	301,408	96,186	116,548	85,938	2,582	All ages, number.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10,427	10,333	14,024	12,422	113	Under 5 years.....	11.1	12.5	0.5	4.4	4.4
5 to 14 years.....	44,561	15,946	25,430	2,929	251	5 to 14 years.....	16.5	15.7	28.3	7.5	9.3
15 to 24 years.....	67,385	21,215	33,233	12,505	410	15 to 24 years.....	21.9	20.6	20.5	23.3	20.8
25 to 44 years.....	106,635	29,978	33,417	41,820	1,363	25 to 44 years.....	25.2	25.2	31.8	21.2	45.6
45 to 64 years.....	45,059	12,869	9,016	22,778	335	45 to 64 years.....	14.9	13.4	6.7		

DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES OF 100,000 INHABITANTS OR MORE: 1910—Contd.

[Totals for all ages include persons of unknown age.]

CITY AND AGE PERIOD.	NATIVE WHITE.				Negro.	CITY AND AGE PERIOD.	NATIVE WHITE.				Negro.						
	All classes.	Native percentage.	Foreign or mixed percentage.	Foreign-born white.			All classes.	Native percentage.	Foreign or mixed percentage.	Foreign-born white.							
New York, N. Y.—Continued.																	
<i>Bronx Borough.</i>																	
All ages, number.....	430,890	92,569	185,146	148,953	4,117	All ages, number.....	124,096	52,917	39,595	27,068	4,426						
Under 5 years.....	46,704	15,025	30,361	918	393	5 to 14 years.....	10,459	5,452	4,585	176	243						
5 to 14 years.....	83,699	25,401	50,285	7,408	588	15 to 24 years.....	18,335	8,631	8,667	1,093	441						
15 to 24 years.....	85,731	21,008	40,659	23,852	756	25 to 44 years.....	26,890	11,746	11,719	5,611	796						
25 to 44 years.....	144,241	27,210	47,767	27,566	1,568	45 to 64 years.....	44,647	18,500	11,688	12,387	2,212						
45 to 64 years.....	68,215	6,986	15,479	35,182	520	65 years and over.....	19,075	7,048	3,043	7,650	640						
65 years and over.....	11,726	1,775	1,097	8,663	186	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0						
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	5 to 14 years.....	8.4	10.3	11.6	1.7	5.5						
Under 5 years.....	10.8	16.2	16.4	0.6	9.5	15 to 24 years.....	15.3	16.3	21.9	4.0	16.0						
5 to 14 years.....	19.4	27.4	27.2	4.9	13.7	25 to 44 years.....	21.7	22.2	27.1	13.3	18.0						
15 to 24 years.....	19.9	22.7	21.7	16.0	17.9	45 to 64 years.....	36.0	34.6	29.5	45.8	50.0						
25 to 44 years.....	33.5	24.0	25.8	48.8	40.9	65 years and over.....	15.4	13.3	9.1	28.6	14.5						
45 to 64 years.....	13.5	7.6	8.4	23.6	12.6	65 years and over.....	3.3	3.1	0.8	7.5	2.0						
65 years and over.....	2.7	1.9	0.6	5.8	4.5	Paterson, N. J.											
<i>Brooklyn Borough.</i>																	
All ages, number.....	1,684,351	375,548	663,583	571,556	29,708	All ages, number.....	125,600	38,392	50,179	45,938	1,539						
Under 5 years.....	193,813	53,014	124,664	4,271	1,824	5 to 14 years.....	12,546	3,610	8,407	396	132						
5 to 14 years.....	215,918	90,934	181,259	40,600	3,065	15 to 24 years.....	23,959	6,297	11,630	2,726	243						
15 to 24 years.....	323,493	82,710	132,777	103,475	4,396	25 to 44 years.....	40,495	8,003	11,754	7,357	296						
25 to 44 years.....	531,449	96,773	159,944	264,174	9,904	45 to 64 years.....	18,623	5,662	3,422	20,324	634						
45 to 64 years.....	227,472	28,749	59,475	125,040	2,951	65 years and over.....	4,718	1,134	390	3,149	45						
65 years and over.....	51,776	12,273	5,367	33,593	534	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0						
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	5 to 14 years.....	10.0	12.7	16.8	6.9	8.6						
Under 5 years.....	11.2	14.1	18.8	0.7	8.0	15 to 24 years.....	19.1	22.2	29.3	6.0	15.8						
5 to 14 years.....	19.3	24.2	27.3	7.1	13.5	25 to 44 years.....	20.0	19.9	23.4	16.2	19.2						
15 to 24 years.....	22.0	22.0	18.9	18.1	12.5	45 to 64 years.....	14.8	12.8	8.2	16.2	18.7						
25 to 44 years.....	32.5	25.8	24.1	46.2	43.6	65 years and over.....	3.8	4.0	0.8	6.9	2.9						
45 to 64 years.....	13.9	10.6	9.0	21.0	13.0	Philadelphia, Pa.											
65 years and over.....	3.2	3.3	0.8	5.9	2.4	All ages, number.....	1,549,008	584,008	496,785	382,578	84,458						
<i>Queens Borough.</i>																	
All ages, number.....	284,041	80,607	120,969	79,115	3,198	Under 5 years.....	15,921	67,226	76,047	2,722	6,863						
Under 5 years.....	31,647	13,700	17,432	412	298	5 to 14 years.....	206,039	113,172	117,982	24,016	10,630						
5 to 14 years.....	59,062	22,989	32,621	2,659	455	15 to 24 years.....	299,722	119,449	99,445	65,043	15,667						
15 to 24 years.....	55,090	16,981	26,918	10,512	665	25 to 44 years.....	516,746	175,966	131,732	170,732	38,187						
25 to 44 years.....	89,970	18,671	32,737	37,258	1,204	45 to 64 years.....	248,504	82,929	63,277	91,093	10,854						
45 to 64 years.....	39,702	6,455	10,517	22,278	427	65 years and over.....	65,689	24,597	7,924	28,402	1,752						
65 years and over.....	8,598	1,778	732	5,673	115	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0						
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	5 to 14 years.....	9.9	11.5	15.3	0.7	8.1						
Under 5 years.....	11.2	17.0	14.4	9.3	9.3	15 to 24 years.....	17.2	19.4	23.8	6.3	12.2						
5 to 14 years.....	20.8	28.5	27.0	3.7	15.2	25 to 44 years.....	33.5	29.5	29.0	17.0	18.5						
15 to 24 years.....	19.4	21.1	22.3	13.3	20.8	45 to 64 years.....	16.0	14.2	12.7	23.8	12.9						
25 to 44 years.....	31.7	23.2	27.1	47.1	37.6	65 years and over.....	4.0	4.2	1.6	7.4	2.1						
45 to 64 years.....	10.0	8.4	8.4	16.2	8.7	Pittsburgh, Pa.											
65 years and over.....	2.9	2.2	0.6	7.2	3.6	All ages, number.....	533,905	176,089	191,483	140,436	25,823						
<i>Richmond Borough.</i>																	
All ages, number.....	85,969	28,243	32,235	24,278	1,152	Under 5 years.....	57,788	23,644	31,093	808	2,240						
Under 5 years.....	8,522	3,612	4,959	174	107	5 to 14 years.....	95,196	37,816	47,076	6,308	3,785						
5 to 14 years.....	17,872	7,182	9,125	1,065	197	15 to 24 years.....	188,378	37,257	41,656	29,669	4,398						
15 to 24 years.....	15,935	5,530	6,190	4,631	260	25 to 44 years.....	183,406	54,305	49,246	67,761	11,062						
25 to 44 years.....	27,114	7,199	8,344	11,184	401	45 to 64 years.....	73,016	18,629	19,844	31,373	3,076						
45 to 64 years.....	12,853	3,326	3,261	6,078	162	65 years and over.....	15,229	3,893	2,451	8,564	409						
65 years and over.....	3,969	1,436	352	2,137	44	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0						
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	5 to 14 years.....	10.8	13.4	16.2	0.6	8.7						
Under 5 years.....	10.3	12.8	15.4	0.7	9.3	15 to 24 years.....	20.3	21.5	24.6	4.6	14.8						
5 to 14 years.....	20.4	25.4	28.3	4.4	17.1	25 to 44 years.....	34.3	30.8	25.7	48.3	45.3						
15 to 24 years.....	18.1	19.6	19.2	15.0	20.8	45 to 64 years.....	13.7	10.6	10.4	22.3	12.0						
25 to 44 years.....	31.5	25.3	25.9	46.1	34.8	65 years and over.....	2.9	2.2	1.3	6.1	2.5						
45 to 64 years.....	14.9	11.8	10.1	25.0	14.1	Portland, Ore.											
65 years and over.....	4.6	5.1	1.1	8.8	3.8	All ages, number.....	207,214	104,163	51,009	43,780	1,945						
Newark, N. J.																	
All ages, number.....	347,469	94,737	132,350	110,655	9,475	Under 5 years.....	14,158	8,315	5,223	252	45						
Under 5 years.....	12,283	4,283	24,274	884	375	5 to 14 years.....	28,851	13,634	9,205	1,769	74						
5 to 14 years.....	64,937	20,718	34,959	7,369	1,338	15 to 24 years.....	41,793	21,457	13,062	6,499	135						
15 to 24 years.....	68,698	19,582	27,197	20,153	1,754	25 to 44 years.....	83,081	42,478	17,614	21,776	609						
25 to 44 years.....	114,736	26,705	32,791	51,119	3,981	45 to 64 years.....	44,555	14,874	3,572	10,796	163						
45 to 64 years.....	49,339	7,199	12,063	24,899	1,265	65 years and over.....	6,538	3,248	608	2,517	16						
65 years and over.....	11,321	3,521	1,018	6,562	216	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0						
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	5 to 14 years.....	6.8	8.0	9.8	0.8	4.3						
Under 5 years.....	11.1	13.0	18.3	0.9	9.2	15 to 24 years.....	20.2	21.6	24.0	4.0	7.1						
5 to 14 years.....	18.5	21.9	26.4	6.7	14.1	25 to 44 years.....	40.1	38.0	31.5	44.8	12.9						
15 to 24 years.....	20.4	25.4	28.3	4.4	17.1	45 to 64 years.....	16.7	14.3	10.1	24.7	15.6						
25 to 44 years.....	33.0	28.2	24.8	46.2	42.0	65 years and over.....	3.2	3.1	1.2	5.7	1.5						
45 to 64 years.....	14.2	12.1	9.1	22.0	13.6	Providence, R. I.											
65 years and over.....	3.3	3.7	0.8	5.9	2.3	All ages, number.....	224,326	59,966	82,354	76,303	5,316						
Oakland, Cal.																	
All ages, number.....	150,174	55,198	49,936	36,822	3,055	Under 5 years.....	21,814	5,933	14,851	548	458						
Under 5 years.....	12,585	6,230	5,592	185	216	5 to 14 years.....	40,919	12,910	9,910	4,393	313						
5 to 14 years.....	21,143	9,217	9,419	4,411	314	15 to 24 years.....	42,715	10,715	16,713	13,340	908						
15 to 24 years.....	27,426	10,198	11,892	3,904	521	25 to 44 years.....	75,375	17,559	20,771	35,887	2,084						
25 to 44 years.....	55,090	18,146	16,979	16,519	1,372	45 to 64 years.....	36,441	10,870	7,491	17,048	926						
45 to 64 years.....	26,483	8,352	5,082	11,112	529	65 years and over.....	9,311	4,398	576	4,149	179						
65 years and over.....	7,362	2,715	1,630	3,320	101	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0						
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	5 to 14 years.....	9.7	9.9	18.0	0.7	8.6						
Under 5 years.....	8.4	11.4	11.2	0.5	7.1	15 to 24 years.....	16.5	16.8	26.6	5.5	14.2						
5 to 14 years.....	14.1	17.1	19.5	3.4	10.3	25 to 44 years.....	33.2	31.9	29.3	18.8	17.1						
15 to 24 years.....	18.3	18.5	23.8	10.6	17.1	45 to 64 years.....	16.2	17.9	20.3	18.8	17.1						
25 to 44 years.....	36.7	32.5	34.9	44.9	41.9	65 years and over.....	4.2	7.3	3.7	39.2	39.2						
45 to 64 years.....	17.6	15.1	10.2	30.2	17.3	65 years and over.....	4.2	7.3	3.7	17.3	17.3						
65 years and over.....	4.9	4.9	1.3	10.4	3.3												

AGE DISTRIBUTION.

DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES OF 100,000 INHABITANTS OR MORE: 1910—Contd.

[Totals of all ages include persons of unknown age.]

Table 15—Continued.

CITY AND AGE PERIOD.	NATIVE WHITE.				Negro.	CITY AND AGE PERIOD.	NATIVE WHITE.				Negro.
	All classes.	Native age.	Foreign or mixed percentage	Foreign-born white.			All classes.	Native age.	Foreign or mixed percentage	Foreign-born white.	
Richmond, Va.											
All ages, number.....	127,526	69,130	7,664	4,085	46,733	All ages, number.....	237,194	105,754	61,134	60,835	2,296
Under 5 years.....	11,602	6,832	724	27	4,019	Under 5 years.....	17,043	8,963	7,230	447	99
5 to 14 years.....	21,818	12,643	1,228	221	7,726	5 to 14 years.....	29,614	15,015	12,115	2,135	165
15 to 24 years.....	33,962	15,210	1,421	588	10,919	15 to 24 years.....	46,316	20,516	14,865	8,767	354
25 to 44 years.....	42,670	21,925	2,621	1,704	16,420	25 to 44 years.....	99,747	41,383	20,343	32,694	1,306
45 to 64 years.....	18,300	9,654	1,443	1,045	6,153	45 to 64 years.....	35,927	15,108	6,141	13,958	271
65 years and over.....	4,559	2,776	218	518	1,638	65 years and over.....	6,246	3,037	589	2,583	31
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.1	9.1	9.4	0.7	8.6	Under 5 years.....	7.2	8.5	11.8	0.7	4.3
5 to 14 years.....	17.1	18.3	16.0	5.4	16.5	5 to 14 years.....	12.5	14.2	19.8	3.5	7.2
15 to 24 years.....	22.3	22.0	18.5	13.9	24.0	15 to 24 years.....	19.5	18.4	24.0	14.4	15.4
25 to 44 years.....	33.4	31.7	34.2	41.7	35.1	25 to 44 years.....	42.1	39.1	33.3	53.7	56.9
45 to 64 years.....	14.3	14.0	18.8	25.6	13.2	45 to 64 years.....	15.1	14.3	10.0	22.9	11.8
65 years and over.....	3.6	4.0	2.8	12.7	2.2	65 years and over.....	2.6	2.9	1.0	4.2	1.4
Rochester, N. Y.											
All ages, number.....	218,149	74,525	83,687	58,993	87,879	All ages, number.....	104,402	54,574	27,277	21,220	723
Under 5 years.....	19,066	8,625	9,807	576	578	Under 5 years.....	9,066	5,895	2,912	213	37
5 to 14 years.....	33,962	15,210	1,421	588	10,919	5 to 14 years.....	9,114	5,167	3,567	57	64
15 to 24 years.....	43,959	16,339	17,565	9,813	17,919	15 to 24 years.....	29,655	11,098	6,373	2,972	118
25 to 44 years.....	74,917	22,526	26,687	25,295	37,700	25 to 44 years.....	40,620	19,323	9,553	11,056	388
45 to 64 years.....	36,705	9,393	12,323	14,830	15,151	45 to 64 years.....	15,724	7,332	2,991	5,151	101
65 years and over.....	9,453	3,024	1,161	5,253	152	65 years and over.....	2,745	1,484	260	986	11
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	8.7	11.6	11.7	1.0	6.6	Under 5 years.....	8.7	10.8	10.7	1.0	5.1
5 to 14 years.....	15.5	19.5	19.3	3.1	12.4	5 to 14 years.....	8.7	13.5	15.4	8.9	9.9
15 to 24 years.....	20.2	22.0	21.0	16.6	20.4	15 to 24 years.....	19.8	20.3	23.4	14.0	16.3
25 to 44 years.....	34.3	30.2	31.9	42.9	42.1	25 to 44 years.....	38.9	35.4	35.0	52.1	53.7
45 to 64 years.....	16.8	12.6	14.7	25.1	17.2	45 to 64 years.....	15.1	13.4	11.0	24.3	14.0
65 years and over.....	4.3	4.1	1.4	8.9	1.4	65 years and over.....	2.6	2.7	1.0	4.6	1.5
St. Louis, Mo.											
All ages, number.....	687,023	269,836	246,346	125,706	43,960	All ages, number.....	137,246	58,408	46,912	30,751	1,124
Under 5 years.....	60,100	36,983	19,672	825	2,683	Under 5 years.....	11,832	6,960	4,617	218	66
5 to 14 years.....	110,833	62,016	37,892	5,672	5,268	5 to 14 years.....	21,308	10,273	9,602	1,375	146
15 to 24 years.....	143,303	65,643	53,077	15,973	8,554	15 to 24 years.....	35,642	15,314	9,334	5,173	179
25 to 44 years.....	251,447	75,222	96,900	49,605	19,715	25 to 44 years.....	47,096	18,250	14,626	13,433	478
45 to 64 years.....	104,660	23,849	36,733	37,494	6,376	45 to 64 years.....	23,456	8,779	6,845	7,617	299
65 years and over.....	25,057	5,318	2,513	15,973	1,252	65 years and over.....	6,248	2,741	541	2,927	38
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	8.7	13.7	8.0	0.7	6.1	Under 5 years.....	8.7	10.9	12.0	0.7	8.9
5 to 14 years.....	16.1	23.0	15.3	4.5	12.0	5 to 14 years.....	15.6	17.6	20.5	4.5	13.0
15 to 24 years.....	20.9	24.3	21.5	12.7	19.5	15 to 24 years.....	19.7	21.1	19.9	16.8	15.9
25 to 44 years.....	35.2	27.9	39.2	39.5	44.8	25 to 44 years.....	34.3	31.2	31.8	43.6	42.5
45 to 64 years.....	15.2	8.8	14.9	11.9	14.5	45 to 64 years.....	17.1	15.0	16.6	24.7	20.9
65 years and over.....	3.6	2.0	1.0	12.7	2.8	65 years and over.....	4.6	4.7	1.2	9.5	3.4
St. Paul, Minn.											
All ages, number.....	214,744	61,594	93,398	56,524	3,144	All ages, number.....	168,497	75,147	59,383	32,037	1,877
Under 5 years.....	18,426	7,980	9,952	326	164	Under 5 years.....	15,891	8,834	6,778	1,644	114
5 to 14 years.....	35,084	12,193	20,664	1,937	289	5 to 14 years.....	29,014	14,708	12,707	1,377	217
15 to 24 years.....	50,147	14,748	27,602	7,262	509	15 to 24 years.....	33,147	15,444	13,456	3,900	342
25 to 44 years.....	73,742	19,137	27,418	25,467	1,681	25 to 44 years.....	36,343	25,708	18,664	13,333	814
45 to 64 years.....	30,900	6,198	7,292	16,966	430	45 to 64 years.....	27,085	9,904	7,128	9,716	319
65 years and over.....	6,316	1,283	434	4,529	70	65 years and over.....	6,757	2,516	640	3,533	68
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	8.6	13.0	10.7	0.6	5.2	Under 5 years.....	9.4	11.8	11.4	0.5	6.1
5 to 14 years.....	16.3	19.8	22.1	3.4	9.2	5 to 14 years.....	17.2	19.6	21.4	4.3	11.6
15 to 24 years.....	23.4	23.9	29.6	12.8	16.2	15 to 24 years.....	19.7	20.6	22.7	12.2	18.2
25 to 44 years.....	34.3	31.1	29.4	45.1	53.5	25 to 44 years.....	33.6	31.5	31.4	41.6	43.4
45 to 64 years.....	14.4	10.1	7.8	30.0	13.7	45 to 64 years.....	16.1	13.2	12.0	30.3	17.0
65 years and over.....	2.9	2.1	0.5	8.0	2.2	65 years and over.....	4.0	3.3	1.1	11.0	3.6
San Francisco, Cal.											
All ages, number.....	416,912	115,359	153,781	130,874	1,642	All ages, number.....	331,069	166,711	45,066	24,351	94,446
Under 5 years.....	29,178	12,768	15,180	562	101	Under 5 years.....	26,669	15,476	3,746	139	7,200
5 to 14 years.....	49,730	19,135	26,032	3,559	123	5 to 14 years.....	49,961	27,806	6,739	982	14,403
15 to 24 years.....	78,344	29,166	34,852	6,922	1,681	15 to 24 years.....	74,834	34,539	22,624	7,519	19,214
25 to 44 years.....	170,442	40,470	59,824	62,979	795	25 to 44 years.....	119,376	55,676	17,222	10,463	35,790
45 to 64 years.....	68,642	13,277	16,347	35,833	244	45 to 64 years.....	54,275	25,962	8,268	6,329	13,580
65 years and over.....	16,023	3,111	1,318	11,428	64	65 years and over.....	17,017	9,128	1,484	3,439	2,957
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	7.0	11.1	9.9	0.4	6.2	Under 5 years.....	8.1	9.3	8.3	0.6	7.7
5 to 14 years.....	16.6	16.6	16.9	2.7	7.7	5 to 14 years.....	15.1	16.7	15.0	4.0	15.2
15 to 24 years.....	18.9	21.8	22.7	11.9	18.4	15 to 24 years.....	19.9	24.6	27.7	11.9	21.4
25 to 44 years.....	40.9	35.1	38.9	48.1	43.9	25 to 44 years.....	36.1	33.4	38.2	43.0	37.9
45 to 64 years.....	16.5	11.5	10.6	27.4	14.9	45 to 64 years.....	16.4	15.6	18.3	26.0	14.1
65 years and over.....	3.8	2.7	0.9	8.7	3.9	65 years and over.....	5.1	5.5	3.3	14.1	3.4
Scranton, Pa.											
All ages, number.....	129,867	38,745	55,431	35,112	567	All ages, number.....	145,986	41,421	54,751	48,432	1,241
Under 5 years.....	15,348	8,162	8,822	327	37	Under 5 years.....	14,492	4,363	9,705	1,044	104
5 to 14 years.....	26,811	9,600	14,010	1,662	125	5 to 14 years.....	29,152	15,422	2,167	1,818	174
15 to 24 years.....	26,952	8,294	13,073	5,471	113	15 to 24 years.....	27,833	7,154	12,041	8,436	194
25 to 44 years.....	40,867	9,797	14,179	16,640	245	25 to 44 years.....	49,181	11,760	13,160	23,761	446
45 to 64 years.....	16,632	3,875	4,127	8,549	77	45 to 64 years.....	23,065	7,738	4,137	10,973	235
65 years and over.....	4,604	944	282	2,461	7	65 years and over.....	6,285	3,149	273	2,706	66
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	All ages, per cent.....	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	11.8	20.8	15.9	0.8	5.5	Under 5 years.....	9.9	10.7	17.7	0.7	8.4
5 to 14 years.....	20.2	24.8	26.9	4.7	15.5	5 to 14 years.....	17.4	19.2	24.2	4.4	15.6
15 to 24 years.....	21.4	21.4	23.6	15.6	19.9	15 to 24 years.....	19.1	17.3	22.0	17.4	15.6
25 to 44 years.....	31.5	25.3	25.6	47.4	43.2	25 to 44 years.....	33.7	28.4	24.0	49.0	35.9
45 to 64 years.....	12.8	10.9	7.4	24.3	13.6	45 to 64 years.....	15.8	18.7	7.6	22.6	18.9
65 years and over.....	2.8	2.4	0.5	7.0	1.2	65 years and over.....	4.3	7.6	0.5	5.8	5.3

DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910.

Table 16	AGE PERIODS.						CITY.	AGE PERIODS.					
	Under 5 years.	5 to 14 years.	15 to 24 years.	25 to 44 years.	45 to 64 years.	65 years and over.		Under 5 years.	5 to 14 years.	15 to 24 years.	25 to 44 years.	45 to 64 years.	65 years and over.
Alabama													
Mobile	4,635	9,129	10,543	17,982	7,174	1,810	Massachusetts						
Montgomery	3,373	6,729	7,986	12,853	5,814	1,291	Brookton	5,342	9,213	10,938	19,548	9,513	2,282
Arkansas													
Little Rock	4,107	7,294	10,138	16,740	6,226	1,344	Bridgman town	1,749	3,594	5,664	10,277	5,448	1,801
California													
Berkeley	3,236	5,939	8,082	13,810	7,364	1,980	Chelsea	3,654	6,008	6,250	10,320	4,610	1,588
Pasadena	2,039	4,106	4,863	9,965	6,700	2,533	Chicopee	3,371	5,028	5,223	7,932	2,996	809
Sacramento	3,980	5,376	8,540	18,193	7,978	1,874	Everett	3,474	6,256	6,222	10,796	5,513	1,418
San Diego	2,629	5,288	6,724	12,917	8,503	3,088	Fitchburg	4,108	6,962	7,734	11,717	8,660	1,592
San Jose	2,256	4,179	5,260	9,680	5,591	1,939	Holyoke	4,062	7,192	8,129	14,304	7,822	2,588
Colorado													
Colorado Springs	2,125	4,634	5,384	10,198	5,429	1,228	Holyoke	6,002	11,488	12,618	17,976	7,790	1,812
Pueblo	4,321	8,218	16,161	16,648	6,532	1,146	Lawrence	9,317	14,982	17,952	29,107	11,820	2,691
Connecticut													
Hartford	9,565	16,535	18,610	34,996	15,105	4,012	Lyran	8,195	13,356	17,032	31,385	15,140	4,131
Meriden town	3,039	5,955	6,266	9,670	5,421	1,679	Malden	4,484	8,319	7,947	14,057	7,442	1,322
Meriden city	2,607	5,014	6,339	8,353	4,563	1,976	New Bedford	10,700	17,160	19,686	31,416	13,963	3,703
New Britain	5,282	8,007	9,425	14,697	5,171	2,288	Newton	3,400	6,649	7,262	13,137	6,954	2,277
Norwich town	2,574	4,972	5,291	8,610	4,988	1,767	Pittsfield	3,057	5,189	6,204	11,444	5,035	1,421
Stamford town	3,045	5,010	5,427	9,463	4,649	1,218	Quincy	3,502	6,246	8,808	10,625	5,074	1,289
Stamford city	2,768	4,492	4,832	8,284	3,840	817	Salem	4,726	7,913	8,245	13,460	6,951	2,328
Waterbury	8,385	13,674	14,853	25,000	9,308	1,872	Somerville	7,433	12,887	12,846	26,469	13,511	3,947
Delaware													
Wilmington	8,569	14,753	17,388	28,673	14,235	3,625	Springfield	8,292	13,123	16,822	31,148	14,162	4,289
Florida													
Jacksonville	4,843	8,836	12,692	22,673	6,820	1,371	Taunton	3,522	5,915	6,339	10,695	5,843	1,925
Tampa	4,523	7,026	8,239	13,997	4,113	681	Waltham	2,234	4,553	5,446	9,304	4,830	1,445
Georgia													
Augusta	3,508	6,860	9,005	14,340	5,843	1,395	Michigan						
Savannah	6,608	11,168	13,880	23,939	8,274	1,686	Battle Creek	2,927	3,596	4,869	8,828	4,678	1,262
Illinois													
Aurora	2,612	4,878	5,981	9,510	4,969	1,568	Bay City	5,030	9,027	9,241	12,576	7,238	2,050
Bloomington	2,057	3,992	5,144	8,160	4,736	1,049	Flint	3,450	4,849	4,981	13,969	5,306	1,289
Decatur	2,744	5,283	6,160	10,101	5,320	1,547	Jackson	2,641	4,624	5,815	10,868	5,873	1,684
East St. Louis	6,062	9,801	12,432	21,761	7,160	1,256	Lansing	3,440	5,678	7,854	12,559	7,627	2,121
Elgin	1,909	4,066	4,989	8,341	5,146	1,433	Saginaw	4,706	8,451	10,343	15,077	8,647	2,591
Joliet	3,738	6,169	7,126	11,648	4,740	1,229	Minnesota						
Peoria	5,338	10,248	13,272	24,072	10,979	2,925	Duluth	7,486	13,081	16,811	28,871	10,378	1,496
Quincy	2,838	5,831	7,426	11,397	6,644	2,400	Missouri						
Rockford	3,828	7,464	9,384	14,844	7,516	2,223	Joplin	3,424	5,908	6,374	10,075	4,623	1,029
Springfield	4,755	8,930	9,884	17,367	8,204	2,432	St. Joseph	6,454	12,223	16,398	26,928	12,046	3,201
Indiana													
Evansville	6,190	11,634	14,402	22,988	11,459	2,878	Springfield	3,448	6,259	7,678	10,931	5,333	1,388
Fort Wayne	5,441	10,943	13,379	21,211	10,269	2,668	Montana						
South Bend	6,330	9,514	10,887	17,533	7,636	1,754	Butte	3,439	5,902	6,918	17,030	5,086	628
Terre Haute	5,052	9,923	11,667	19,774	9,345	2,310	Nebraska						
Iowa													
Cedar Rapids	2,894	5,278	6,743	11,041	5,407	1,414	Lincoln	4,317	6,390	9,417	14,275	7,130	1,800
Council Bluffs	2,140	4,325	5,345	7,795	4,429	1,530	South Omaha	3,165	5,234	5,514	8,649	3,177	498
Davenport	2,736	5,236	5,997	9,297	4,701	1,277	New Hampshire						
Des Moines	3,634	7,163	8,310	14,290	7,318	2,375	Manchester	6,848	12,643	15,475	21,444	10,758	2,817
Dubuque	3,191	6,552	7,812	12,426	6,573	2,124	Nashua	2,511	4,569	5,492	7,960	4,183	1,287
Sioux City	4,019	7,757	10,708	16,707	7,019	1,538	New Jersey						
Waterloo	2,547	4,196	5,086	8,066	4,129	1,129	Atlantic City	3,708	6,731	8,330	18,575	7,179	1,429
Kansas													
Kansas City	8,264	14,760	17,018	27,133	12,048	2,682	Bayonne	7,753	11,842	11,150	17,681	8,976	1,117
Topeka	3,748	6,717	9,343	15,798	7,993	2,348	Camden	9,971	16,990	18,205	30,227	15,296	3,773
Wichita	4,455	8,188	11,369	17,585	8,386	2,348	East Orange	2,765	5,158	6,185	12,400	5,998	1,750
Kentucky													
Covington	4,851	9,185	11,600	17,181	8,718	2,217	Elizabeth	8,687	13,773	14,490	24,698	9,607	2,222
Lexington	2,594	5,267	6,880	12,237	6,390	1,783	Elizabethton	7,140	13,415	13,978	23,226	9,858	1,923
Newport	2,740	5,230	6,149	10,070	4,847	1,259	Orange	3,301	5,529	5,677	9,624	4,447	1,016
Louisiana													
Shreveport	2,546	4,965	6,040	10,238	3,403	779	Passaic	7,317	9,742	14,254	17,361	5,063	982
Maine													
Lewiston	2,569	4,908	5,418	7,627	4,424	1,232	Perth Amboy	4,668	6,445	6,577	10,421	3,424	962
Portland	4,811	8,710	10,614	17,104	10,906	3,681	Trenton	9,939	16,804	19,942	31,805	14,744	3,461
Massachusetts													
Amsterdam	3,258	4,635	7,207	10,343	4,565	1,246	West Hoboken town	3,750	7,157	6,873	11,740	4,932	938
Auburn	2,862	4,651	6,132	10,041	4,253	848	New York						
Binghamton	3,091	6,679	8,948	16,256	9,772	3,033	Albany	2,984	6,675	5,730	10,218	4,933	1,276
Elmira	2,644	5,283	8,051	11,907	7,082	2,180	New Rochelle	3,121	5,198	5,780	10,054	3,826	877
Jamestown	2,756	4,924	6,341	10,247	5,279	1,673	Newburgh	2,173	4,622	5,246	9,058	5,058	1,624
Kingston	2,119	4,459	5,236	7,865	4,812	1,435	Niagara Falls	3,279	4,835	6,130	10,429	5,845	1,831
Poughkeepsie	3,084	6,675	5,730	10,218	4,933	1,276	Poughkeepsie	2,313	4,164	5,162	9,132	5,274	1,624
New Rochelle	3,121	5,198	5,780	10,054	3,826	877	Schenectady	7,839	12,122	13,545	27,509	9,111	2,100
Newburgh	2,173	4,622	5,246	9,058	5,058	1,624	Troy	5,839	11,962	15,031	25,684	14,272	4,067
Niagara Falls	3,279	4,835	6,130	10,429	5,845	1,831	Utica	12,093	12,093	14,475	12,359	3,703	961
Poughkeepsie	3,084	6,675	5,730	10,218	4,933	1,276	Yonkers	2,285	4,037	4,892	9,081	4,848	1,511
Schenectady	7,839	12,122	13,545	27,509	9,111	2,100		8,798	15,029	16,522	26,928	10,087	2,188
Troy	5,839	11,962	15,031	25,684	14,272	4,067							
Utica	12,093	12,093	14,475	12,359	3,703	961							
Yonkers	2,285	4,037	4,892	9,081	4,848	1,511							

DISTRIBUTION BY AGE PERIODS OF THE POPULATION IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Continued.

CITY.		AGE PERIODS.					CITY.		AGE PERIODS.				
		Under 5 years.	5 to 14 years.	15 to 24 years.	25 to 41 years.	45 to 64 years.			65 years and over.	Under 5 years.	5 to 14 years.	15 to 24 years.	25 to 44 years.	45 to 64 years.	65 years and over.
North Carolina							South Carolina						
Charlotte.....	3,981	6,702	7,706	10,532	4,120	896	Charleston.....	5,666	10,756	12,698	19,441	7,987	2,042
Wilmington.....	2,827	4,745	5,375	7,936	3,500	872	Columbia.....	2,570	4,600	5,962	8,969	3,235	743
Ohio							Tennessee						
Akron.....	6,758	10,393	15,164	24,198	10,135	2,353	Chattanooga.....	3,937	7,154	10,145	16,244	5,670	1,235
Canton.....	4,539	8,026	10,379	17,498	7,727	1,990	Knoxville.....	3,187	6,251	8,646	11,966	4,989	1,066
Hamilton.....	3,436	6,317	6,980	11,430	5,493	1,608	Texas						
Lima.....	2,885	5,356	6,218	10,089	4,786	1,137	Austin.....	2,607	5,567	6,368	8,942	4,543	1,646
Lorain.....	3,892	5,304	5,490	10,598	3,109	484	Dallas.....	8,048	15,321	20,368	33,610	12,125	2,519
Newark.....	2,136	4,112	4,898	8,792	4,355	1,176	El Paso.....	4,445	7,700	7,588	13,555	4,733	886
Springfield.....	3,975	7,516	9,260	15,011	8,596	2,337	Fort Worth.....	6,850	12,788	16,164	26,640	8,848	1,555
Youngstown.....	8,873	13,078	16,629	29,257	9,187	1,874	Galveston.....	3,232	6,299	7,461	13,433	5,290	1,234
Zanesville.....	2,463	4,306	5,333	9,290	5,002	1,598	Houston.....	6,781	13,167	17,348	28,647	10,414	2,113
Oklahoma							Utah						
Muskogee.....	2,358	4,207	5,435	9,552	3,043	454	Salt Lake City.....	9,377	18,681	20,620	30,896	12,889	3,247
Oklahoma City.....	5,671	9,356	14,419	25,263	7,961	1,469	Warren.....	2,852	5,343	5,788	8,141	3,445	869
Pennsylvania							Virginia						
Allentown.....	5,455	8,779	10,574	16,625	8,184	2,259	Ogden.....	3,068	5,133	5,299	7,741	3,534	767
Altoona.....	5,705	9,528	10,314	17,185	7,494	1,855	Salt Lake City.....	10,451	16,976	18,880	30,306	12,532	3,022
Chester.....	3,707	6,046	7,776	12,947	5,912	1,322	Washington						
Easton.....	2,471	4,552	5,455	9,196	5,211	1,636	Tacoma.....	7,094	12,685	16,533	30,111	13,008	2,619
Erie.....	7,263	12,392	12,520	21,201	9,974	2,992	West Virginia						
Harrisburg.....	5,554	10,054	12,411	22,461	10,775	2,892	Huntington.....	3,302	6,068	6,962	9,882	4,090	834
Hazleton.....	3,248	5,770	5,181	7,172	3,334	725	Wheeling.....	3,868	7,047	8,290	14,053	6,720	1,589
Johnstown.....	6,810	9,767	12,284	18,675	6,493	1,410	Wisconsin						
Lancaster.....	4,233	7,933	9,114	14,465	8,776	2,696	Green Bay.....	2,965	5,193	5,033	7,710	3,224	1,102
McKeesport.....	5,298	8,820	8,947	13,614	5,077	920	La Crosse.....	2,658	5,547	6,669	9,012	4,940	1,543
New Castle.....	4,184	6,298	7,193	12,504	4,884	1,179	Madison.....	2,248	3,945	5,538	8,472	4,056	1,216
Norristown borough.....	2,350	4,182	5,131	8,854	5,563	1,740	Oshkosh.....	3,343	6,236	6,670	9,539	5,424	1,847
Reading.....	9,543	16,566	18,957	31,020	15,799	4,169	Racine.....	3,785	6,657	8,013	12,337	5,655	1,519
Shenandoah borough.....	3,925	5,652	5,277	8,139	2,351	388	Sheboygan.....	2,883	5,176	5,589	7,539	4,093	1,100
Wilkes-Barre.....	7,755	13,373	14,055	20,901	8,895	1,958	Superior.....	4,362	7,668	7,810	15,111	4,765	652
Williamsport.....	2,722	5,384	6,210	9,908	5,903	1,694	Rhode Island						
York.....	4,315	7,848	8,839	14,122	7,423	2,201	Newport.....	2,235	4,043	6,762	8,498	4,257	1,321
Rhode Island							Wisconsin						
Newport.....	2,235	4,043	6,762	8,498	4,257	1,321	Green Bay.....	2,965	5,193	5,033	7,710	3,224	1,102
Pawtucket.....	4,874	9,524	10,149	16,738	8,198	2,065	La Crosse.....	2,658	5,547	6,669	9,012	4,940	1,543
Warwick town.....	2,786	5,296	5,185	7,867	4,225	1,261	Madison.....	2,248	3,945	5,538	8,472	4,056	1,216
Woonsocket.....	4,277	7,789	8,426	11,900	5,112	1,203	Oshkosh.....	3,343	6,236	6,670	9,539	5,424	1,847

MARITAL CONDITION.

UNITED STATES AS A WHOLE.

In the census statistics of marital condition, the terms "married," "widowed," or "divorced" refer to the marital status of the person enumerated at the time when the census was taken, so that a person, for instance, who had been widowed or divorced but had remarried would be reported as married.

Table 17 shows, by sex, the marital condition of the total population of the United States (exclusive of all outlying possessions) as reported at the census of 1910.

MARITAL CONDITION.	POPULATION OF ALL AGES: 1910			
	Male.		Female.	
	Number.	Per cent of total.	Number.	Per cent of total.
Total.....	47,332,277	100.0	44,639,989	100.0
Single.....	27,455,607	58.0	23,522,121	52.7
Married, widowed, or divorced.....	19,721,146	41.7	21,049,696	47.2
Married.....	18,043,498	38.2	17,688,169	39.6
Widowed.....	1,471,472	3.1	3,176,426	7.1
Divorced.....	156,176	0.3	185,101	0.4
Marital condition not reported.....	155,524	0.3	68,172	0.2

Of the total number of males of all ages in 1910, 58 per cent were single, 38.2 per cent married, and 3.4 per cent widowed or divorced, the corresponding percentages for females being 52.7, 39.6, and 7.5.

The number of persons under 15 years of age who are married, widowed, or divorced is naturally insignificant, comprising in 1910 only 994 males and 3,713 females. Statistics of marital condition are, therefore, usually confined to persons 15 years of age and over. Table 18 summarizes the data for persons of this class.

MARITAL CONDITION.	POPULATION 15 YEARS OF AGE AND OVER: 1910			
	Male.		Female.	
	Number.	Per cent of total.	Number.	Per cent of total.
Total.....	32,425,805	100.0	30,047,325	100.0
Single.....	12,550,129	38.7	8,933,170	29.7
Married, widowed, or divorced.....	19,720,152	60.8	21,045,983	70.0
Married.....	18,042,600	55.8	17,684,687	58.9
Widowed.....	1,471,350	4.5	3,176,228	10.6
Divorced.....	156,162	0.5	185,068	0.6
Marital condition not reported.....	155,524	0.5	68,172	0.2

There were, in 1910, 32,425,805 males 15 years of age and over and 30,047,325 females, an excess of 2,378,480 males. The number of males to 100 females was 107.9. This excess of males in the adult population of the United States has a most important bearing upon the statistics of marital condition. It accounts in part for the fact that there were 12,550,129 single men, as compared with 8,933,170 single women, or 3,616,959 more of the former than of the

latter. But a further explanation of this disproportion is found in the fact that women marry at an earlier age; in other words, men remain single longer than women, therefore there are more single men at any given time.

Other things being the same, the proportion of the total population who marry will be greater in a community where the sexes are numerically equal than in one where either sex outnumbers the other. In the latter case it is obvious that a certain number of persons of the sex which is in excess must remain single. Considering one sex alone, however, it is obvious that the probability of marriage will increase in proportion as that sex falls below a numerical equality with the other sex and decrease in proportion as it exceeds the other.

Probably remarriage is more common among men than among women, and this may explain in part the great excess of widows over widowers. But without doubt the excess is largely due to the fact that men usually marry at a later age than women, so that the marriage relation is more often broken by death of the husband than by death of the wife. In other words, the excess of single men over single women has as a natural correlative an excess of widows over widowers.

It will be noted that in the population 15 years of age and over, there were, in 1910, 407,913 more married men than married women (18,092,600 as compared with 17,684,687), a condition largely explainable by the presence in the United States of foreign-born married men who left their wives in their native countries. The total number of men 15 years of age and over who in 1910 had been married (that is, the married, widowed, or divorced together) was 19,720,152, or considerably less than the number of the corresponding class of women, 21,045,983.

Marked differences appear between the percentages for males and for females, as shown by Table 18. Of the males, 60.8 per cent were either married, widowed, or divorced, while for the females the proportion was much higher, 70 per cent. Although there were, in absolute numbers, more married men than married women, the percentage married for males (55.8), being based on a larger total, was materially lower than that for females (58.9). The percentages widowed for males and for females were 4.5 and 10.6, respectively. The proportions reported as divorced were 0.5 per cent for males and 0.6 per cent for females.

The number of divorced persons reported by the census, of course, falls short of the number of living persons who have been divorced, as many divorced persons have remarried, and the census, as previously pointed out, reports simply the marital condition of the population at the date of the enumeration. At

the same time it seems practically certain that the census returns as to the number of divorced persons not remarried are below the true total, some divorced persons having been reported as single, some as married, and some as widowed.

It will be noted that there were a limited number of persons whose marital condition was not reported by the enumerators. The number and percentage of such persons are not separately shown in the later tables, as they constitute only 0.2 per cent of the aggregate population. They are in all cases included in the totals on which the percentages single, married, widowed, or divorced are based, but the percentages would not be appreciably different if based exclusively upon the number of persons whose marital condition was reported.

Age groups.—No satisfactory analysis of statistics of marital condition can be made without considering age composition. Aside from differences in the relative number of men and women in the population, the proportion which the number of persons who are or have been married forms of the total number of adults depends on three factors: (1) the age at which marriages take place; (2) the duration of life; and (3) the number who permanently remain single. Ordinarily the first factor has greater weight than the others in causing the differences which appear in the statistics for different classes or communities. Of course, in all cases the combined proportion of married, widowed, or divorced persons is lower among young than among older persons. Consequently differences between classes or communities as to the proportion married, widowed, and divorced in the total number of adults may result merely from differences in age distribution and may not appear when comparisons are confined to limited age groups.

Table 19 shows, for 1910, the marital condition of the total population 15 years of age and over, classified by sex and age. The percentages are shown in the accompanying diagram.

This table shows a rapid increase in the combined percentage of married, widowed, or divorced persons with each older age group. For males, for example, only 1.2 per cent in the age group 15 to 19 years were married, widowed, or divorced, as compared with 24.6 per cent in the age group 20 to 24 years, 64.7 per cent in the age group 25 to 34 years, and 93.5 per cent in the group 65 years of age and over.

This table brings out clearly the prevailing difference between men and women as to the age of marriage. In the age group 15 to 19 years the proportion married, widowed, or divorced in 1910 was for males 1.2 per cent and for females 11.6 per cent. In the age group 20 to 24 years the percentages were 24.6 for males and 51.4 for females. In the succeeding age groups the proportions for the sexes rapidly approach equality, and for persons of 65 and over the percentage of males married, widowed, or divorced (93.5) was slightly higher than the percentage of females (93.4).

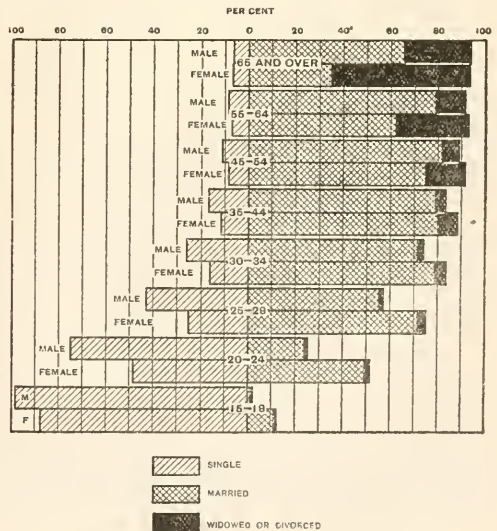
Table 19

POPULATION: 1910

AGE PERIOD AND SEX.	Married, widowed, or divorced.					
	Total. ¹	Single.	Total.	Married.	Widowed.	Divorced.
Number.						
15 years and over: ²	32,425,805	12,550,129	19,720,152	18,092,600	1,471,390	156,162
Male.....	30,047,325	8,933,170	21,045,983	17,684,687	3,176,228	185,088
Female.....						
15 to 19 years:	4,527,282	4,448,067	53,334	51,877	1,110	347
Male.....	4,536,321	3,985,764	527,150	513,239	10,261	3,650
Female.....						
20 to 24 years:	4,580,290	3,432,161	1,125,640	1,100,093	18,815	6,732
Male.....	4,476,094	2,163,683	2,301,086	2,225,362	55,354	20,370
Female.....						
25 to 34 years:	7,901,116	2,767,957	5,109,771	4,964,769	110,431	34,571
Male.....	7,251,072	1,516,726	5,725,483	5,443,894	224,327	37,262
Female.....						
35 to 44 years:	6,153,366	1,026,502	5,114,542	4,873,153	198,701	42,688
Male.....	5,504,321	628,516	4,871,475	4,410,310	411,836	49,269
Female.....						
45 to 64 years:	7,163,332	722,701	6,428,449	5,771,630	598,642	58,177
Male.....	6,260,757	499,564	5,755,469	4,383,497	1,324,838	47,134
Female.....						
65 years and over:	1,985,976	123,322	1,855,901	1,303,768	539,058	13,675
Male.....	1,903,548	124,223	1,834,796	687,355	1,140,558	6,903
Female.....						
Per cent.						
15 years and over: ²	100.0	38.7	60.8	55.8	4.5	0.5
Male.....	100.0	29.7	70.0	58.8	10.6	0.6
Female.....						
15 to 19 years:	100.0	98.3	1.2	1.1	(*)	(*)
Male.....	100.0	87.9	11.6	11.3	0.2	0.1
Female.....						
20 to 24 years:	100.0	74.9	24.6	24.0	0.4	0.1
Male.....	100.0	48.3	51.4	49.7	1.2	0.5
Female.....						
25 to 34 years:	100.0	35.0	64.7	62.8	1.4	0.4
Male.....	100.0	20.9	79.0	75.1	3.1	0.8
Female.....						
35 to 44 years:	100.0	16.7	83.1	79.2	3.2	0.7
Male.....	100.0	11.4	88.5	80.1	7.5	0.9
Female.....						
45 to 64 years:	100.0	10.1	89.7	80.6	8.4	0.8
Male.....	100.0	8.0	91.9	70.0	21.2	0.8
Female.....						
65 years and over:	100.0	6.2	93.5	65.6	27.1	0.7
Male.....	100.0	6.3	93.4	35.0	58.1	0.4
Female.....						

¹ Total includes persons whose marital condition was not reported.
² Includes persons of unknown age.
³ Less than one-tenth of 1 per cent.

MARITAL CONDITION OF THE POPULATION: 1910.



The differences between the absolute numbers of males and of females, respectively, in the several marital condition classes in the various age groups, as shown by Table 19, are conspicuous. In each of the age groups, except that comprising persons 65 years of age and over, the number of single men in 1910 greatly exceeded the number of single women. On the other hand, in the groups comprising persons from 15 to 34 years of age, the number of married females materially exceeded the number of married males, but the opposite was the case in the groups comprising persons 35 years of age and over. In every age group the widows greatly outnumbered the widowers.

The relation between the number of males and females in the different classes is brought out more clearly in Table 20, which shows, by age groups, the number of males to 100 females in the total population and among single and married, widowed, or divorced persons, respectively.

AGE PERIOD.	NUMBER OF MALES PER 100 FEMALES.		
	Total.	Single.	Married, widowed, or divorced.
15 years and over.....	107.9	140.5	93.7
15 to 19 years.....	99.8	111.6	101.1
20 to 24 years.....	102.3	158.6	48.9
25 to 34 years.....	109.0	182.5	89.2
35 to 44 years.....	111.8	163.3	105.0
45 to 64 years.....	114.4	144.7	111.7
65 years and over.....	101.1	90.3	101.2

Table 21 shows the marital condition of the population above specified age limits.

AGE PERIOD AND SEX.	POPULATION 15 YEARS OF AGE AND OVER: ¹ 1910				
	Number.			Per cent.	
	Total. ²	Single.	Married, widowed, or divorced.	Single.	Married, widowed, or divorced.
15 years and over:					
Male.....	32,311,362	12,520,710	19,687,637	38.8	60.9
Female.....	29,992,713	8,918,476	21,015,459	29.7	70.1
20 years and over:					
Male.....	27,784,080	8,072,643	19,634,303	29.1	70.7
Female.....	25,456,392	4,932,712	20,488,309	19.4	80.5
25 years and over:					
Male.....	23,203,790	4,640,482	18,508,663	20.0	79.8
Female.....	20,979,698	2,769,029	18,187,223	13.2	86.7
35 years and over:					
Male.....	15,302,674	1,872,525	13,398,892	12.2	87.6
Female.....	13,728,626	1,252,303	12,461,749	9.1	90.8
45 years and over:					
Male.....	9,149,308	846,023	8,284,350	9.2	90.5
Female.....	8,224,305	623,787	7,590,265	7.6	92.3
65 years and over:					
Male.....	1,985,976	123,322	1,855,901	6.2	93.5
Female.....	1,963,848	124,223	1,834,794	6.3	93.4

¹ Exclusive of persons of unknown sex.

² Includes persons whose marital condition was not reported.

Color or race, nativity, and parentage.—Table 23 shows for 1910 statistics of marital condition for each color or race, nativity, and parentage group, giving a further classification according to age groups in the case of the more important elements in the population; it shows also the principal comparative figures for 1900.

Table 22, which is derived from Table 23, summarizes the statistics for the white population, classified by nativity and parentage, and for the negroes.¹

CLASS OF POPULATION AND SEX.	POPULATION 15 YEARS OF AGE AND OVER: 1910					
	Total. ¹	Single.	Married, widowed, or divorced.			
			Total.	Married.	Widowed.	Divorced.
Number.						
Total:						
Male.....	32,425,805	12,550,129	19,720,152	18,092,600	1,471,390	156,162
Female.....	30,047,325	8,933,170	21,045,983	17,684,687	3,176,228	185,068
Nat. white—Nat. parentage:						
Male.....	16,233,095	6,185,324	9,960,438	9,144,099	728,883	87,456
Female.....	15,533,900	4,644,122	10,842,998	9,219,355	1,523,560	100,053
Nat. white—For. or mixed par.:						
Male.....	5,785,137	2,906,042	2,863,173	2,677,706	160,779	24,688
Female.....	5,887,131	2,453,017	3,421,147	3,008,623	382,318	30,206
For.-born white:						
Male.....	7,139,893	2,268,916	4,839,920	4,432,135	384,726	23,059
Female.....	5,446,306	994,110	4,444,657	3,624,003	800,112	20,542
Negro:						
Male.....	3,059,312	1,083,472	1,959,344	1,749,228	189,970	20,146
Female.....	3,103,344	823,996	2,269,066	1,775,949	459,831	33,286
Per cent.						
Total:						
Male.....	100.0	38.7	60.8	55.8	4.5	0.5
Female.....	100.0	29.7	73.0	58.9	10.6	0.6
Nat. white—Nat. parentage:						
Male.....	100.0	33.1	61.4	56.3	4.5	0.5
Female.....	100.0	29.9	69.8	59.4	9.8	0.6
Nat. white—For. or mixed par.:						
Male.....	100.0	50.2	49.5	46.3	2.8	0.4
Female.....	100.0	41.7	58.1	51.1	6.5	0.5
For.-born white:						
Male.....	100.0	31.8	67.8	62.1	5.4	0.3
Female.....	100.0	18.3	81.6	66.5	14.7	0.4
Negro:						
Male.....	100.0	35.4	64.0	57.2	6.2	0.7
Female.....	100.0	26.6	73.1	57.2	14.8	1.1

¹ Includes persons whose marital condition was not reported.

This table shows that the excess of males in the total population 15 years of age and over is chiefly due to the marked excess of males among the foreign-born whites, although there is an appreciable excess of males also among the native whites of native parentage. For this and other reasons the distribution of the foreign-born whites with respect to marital condition differs materially from that of the other classes.

This table of course gives no direct information with regard to intermarriage among the three groups of white persons, but, beyond question, the three classes, native whites of native parentage, native whites of foreign or mixed parentage, and foreign-born whites, intermarry more or less; consequently there is not necessarily an equality between the number of married males and the number of married females within any one group.

¹ The limited number of Indians, Chinese, and Japanese, and "other" persons may be passed over without discussion further than to point out that the marital condition among the Indians corresponds approximately to that among the negroes, while that among the Chinese and Japanese in this country is quite exceptional, the combined proportion married, widowed, or divorced among these races being very low in the case of males and very high in the case of females. Most of the married Chinese and Japanese men, however, have left their wives in their home countries, and the total number of women of these races in the United States is exceedingly small.

Among the native whites of native parentage the number of married males in 1910 differed but little from the number of married females, and this was also true of the negroes; but in the case of the native whites of foreign or mixed parentage the married women considerably outnumbered the married men, probably because many women of this class have married foreign-born men, the number of the latter reported as married being much larger than the number of married foreign-born women. The larger number of married men than of married women in the foreign-born class is partly due, however, to the presence of men who have left their wives abroad.

The number of single men materially exceeded the number of single women in each of the four classes shown in the table, the excess being particularly marked among the foreign-born whites, in which group single men outnumbered single women more than two to one. In each class, on the other hand, there were more than twice as many widows as widowers.

Of the total number of native white males of native parentage 15 years of age and over in 1910, 38.1 per cent were single and 61.4 per cent married, widowed, or divorced, the corresponding percentages for females being 29.9 and 69.8.

Among native whites of foreign or mixed parentage the proportion married, widowed, or divorced was much lower for both sexes (49.5 and 58.1 per cent, respectively), than among native whites of native parentage. As shown later, this difference is not due to differences between the two parentage groups with regard to age distribution. Among the foreign-born whites, on the other hand, the proportion married, widowed, or divorced both for males and for females (67.8 and 81.6 per cent, respectively), was much higher than among the native whites of native parentage, but in the case of males this difference, as indicated by Table 24, is wholly due to the fact that the foreign-born whites are much older on the average than the native whites and among females also it is largely due to this cause. The proportions married, widowed, or divorced for negro men and for negro women (64 and 73.1 per cent, respectively), were somewhat higher than for native whites of native parentage.

The difference between the sexes with respect to the proportion married, widowed, or divorced is, as shown by the percentages quoted above, more conspicuous in the case of the foreign-born whites than in the case of any other group. One cause of this marked disparity is the fact that single women are much less apt to leave their native country for a new home than single men. Considering only persons who were in the married state at the time of the census, the negroes are the only group shown in the table in which the proportion married is as high among males as it is among females, the percentages in the case of this race being the same for the two sexes.

The proportion of divorced persons, as shown by Table 22, is slightly higher for females than for males in each of the four classes of population specified. As already stated, all the percentages relating to divorced persons may be assumed to be somewhat too low. The proportion of divorced persons reported is higher among negroes than in any other class, that for negro women, which is the highest of all, being 1.1 per cent.

Table 24, which is also based upon Table 23, shows by percentages for 1910 the marital condition of the principal classes of the population according to age groups. For convenience, the small percentages of divorced persons have been combined with those for the widowed. The diagram on the next page shows graphically the percentage single, married, widowed, or divorced in each class, by broad age groups.

Table 21

CLASS OF POPULATION AND AGE PERIOD.	PER CENT OF TOTAL IN SPECIFIED AGE GROUP WHO WERE—								
	Single.		Married, widowed, or divorced.		Married.		Widowed or divorced.		
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
Total population:									
15 years and over ¹	38.7	29.7	60.8	70.0	55.8	58.9	5.0	11.2	
15 to 19 years.....	98.3	87.9	1.2	11.6	1.1	11.3	(2)	0.3	
20 to 24 years.....	74.9	48.3	24.6	51.4	24.0	49.7	0.6	1.7	
25 to 34 years.....	35.0	20.9	64.7	79.0	62.8	75.1	1.8	3.9	
35 to 44 years.....	16.7	11.4	83.1	88.5	79.2	80.1	3.9	8.4	
45 to 64 years.....	10.1	8.0	89.7	91.9	80.6	70.0	9.2	21.9	
65 years and over.....	6.2	6.3	93.5	93.4	65.6	35.9	27.8	58.4	
Native white—Native par- entage:									
15 years and over ¹	38.1	29.9	61.4	69.8	56.3	59.4	5.0	10.3	
15 to 19 years.....	98.1	86.7	1.4	12.8	1.3	12.5	(2)	0.5	
20 to 24 years.....	72.5	46.6	27.0	53.2	26.5	51.8	0.5	1.4	
25 to 34 years.....	31.2	19.5	68.5	80.4	66.6	77.1	1.9	3.3	
35 to 44 years.....	14.5	10.8	85.3	89.2	81.3	81.9	4.0	7.3	
45 to 64 years.....	8.9	7.8	90.2	92.1	83.4	71.7	9.1	20.0	
65 years and over.....	5.6	6.4	94.0	92.4	67.3	35.8	26.7	56.6	
Native white—Foreign or mixed parentage:									
15 years and over ¹	50.2	41.7	49.5	58.1	46.3	51.1	3.2	7.0	
15 to 19 years.....	99.1	94.4	0.3	5.1	0.3	5.0	(2)	0.1	
20 to 24 years.....	84.2	62.8	15.4	36.9	15.2	36.2	0.2	0.7	
25 to 34 years.....	43.9	30.6	55.9	69.2	54.5	66.5	1.4	2.8	
35 to 44 years.....	22.7	17.8	77.2	82.1	75.0	74.7	3.5	7.4	
45 to 64 years.....	14.2	12.3	85.7	87.6	77.5	67.8	8.3	19.8	
65 years and over.....	8.9	8.6	90.9	91.3	64.8	35.0	26.1	56.3	
Foreign-born whites:									
15 years and over ¹	31.8	18.3	67.8	81.6	62.1	66.5	5.7	15.1	
15 to 19 years.....	98.6	86.3	0.8	13.2	0.8	13.1	(2)	0.1	
20 to 24 years.....	80.3	44.9	19.2	54.9	19.0	54.3	0.2	0.7	
25 to 34 years.....	39.3	18.0	60.3	81.9	59.4	79.5	0.9	2.4	
35 to 44 years.....	17.3	8.6	82.5	91.4	79.7	84.1	2.8	7.3	
45 to 64 years.....	10.7	5.8	89.1	94.2	80.6	70.8	8.5	23.4	
65 years and over.....	7.1	4.5	92.6	95.3	62.5	34.7	30.2	60.7	
Negro:									
15 years and over ¹	35.4	26.6	64.0	73.1	57.2	57.2	6.9	15.9	
15 to 19 years.....	96.9	81.2	2.3	18.1	2.2	17.6	0.1	1.1	
20 to 24 years.....	59.7	34.9	39.6	64.8	37.8	59.0	1.9	5.8	
25 to 34 years.....	25.1	14.5	74.5	85.3	69.9	74.5	4.6	10.8	
35 to 44 years.....	12.2	7.1	87.5	92.8	80.0	74.4	7.6	18.4	
45 to 64 years.....	6.2	4.4	93.7	95.4	80.2	61.6	13.4	33.8	
65 years and over.....	4.1	3.7	95.5	95.9	67.3	29.9	28.1	66.0	

¹ Percentages based on total population, which includes a small number of persons of unknown age.

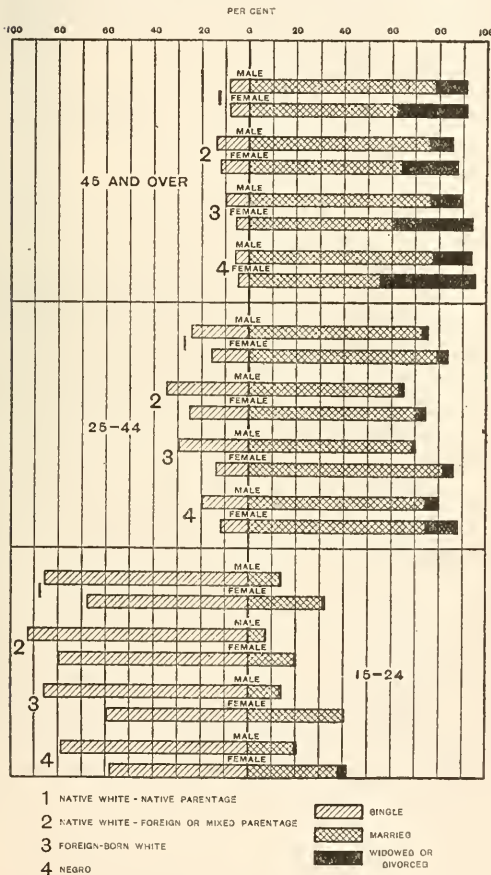
² Less than one-tenth of 1 per cent.

In every age group and for both sexes the proportion married, widowed, or divorced was materially higher in the case of the native whites of native parentage than in the case of the native whites of foreign or mixed parentage. This is partly due to the difference in the geographic distribution of the two classes. A much larger proportion of the native whites of foreign or mixed parentage than of the native whites of native parentage are in urban communities, and much larger proportions of the former class than of the latter are in the North and the West. People living in urban communities are less apt to marry, or tend to marry

later, than those living in rural districts; and persons living in the North and the West are less apt to marry, or tend to marry later, than persons living in the South.

Table 24 shows, also, that in each of the individual age groups the percentage married, widowed, or divorced was higher for native white males of native parentage than for foreign-born white males. On the other hand, among females the percentages were somewhat lower for the native whites of native parentage than for the foreign-born whites. The negroes of both sexes marry at a somewhat earlier age than the native whites of native parentage, but in the older age groups the percentage married among negroes was lower and the percentage widowed or divorced higher than among native whites of native parentage, except that in the case of males 65 years and over the percentage married was the same in the two population classes.

MARITAL CONDITION OF PRINCIPAL CLASSES OF THE POPULATION, BY AGE PERIODS: 1910.



Comparisons with previous censuses.—Table 25 shows, by sex, the percentages single, married, widowed, or divorced in the total population 15 years of age and over for the last three censuses.

MARITAL CONDITION.	PER CENT DISTRIBUTION OF—					
	Males 15 years of age and over.			Females 15 years of age and over.		
	1910	1900	1890	1910	1900	1890
Total.....	100.0	100.0	100.0	100.0	100.0	100.0
Single.....	38.7	40.2	41.7	29.7	31.2	31.8
Married, widowed, or divorced.....	60.8	59.4	58.1	70.0	68.6	68.1
Married.....	55.8	54.5	53.9	58.9	57.0	56.8
Widowed.....	4.5	4.6	3.9	10.6	11.2	11.9
Divorced.....	0.5	0.3	0.2	0.8	0.5	0.4
Marital condition not reported.....	0.5	0.4	0.3	0.2	0.2	0.1

There has been for both sexes a gradual advance since 1890 in the percentage of married persons and in the percentage of married, widowed, or divorced persons combined. The latter percentage rose, in the case of males, from 58.1 in 1890 to 59.4 in 1900 and 60.8 in 1910, while the corresponding percentages for females were 68.1, 68.6, and 70, respectively. These increasing percentages are only in part, if at all, attributable to changes in the race, nativity, and parentage composition of the population, or to changes in age distribution.

Table 26 shows for the males and females in each of the principal race, nativity, and parentage groups the percentage reported as single, as married, widowed, or divorced, and as married, respectively.

CLASS OF POPULATION AND SEX.	PER CENT OF PERSONS 15 YEARS OF AGE OR OVER WHO WERE—								
	Single.			Married, widowed, or divorced.			Married.		
	1910	1900	1890	1910	1900	1890	1910	1900	1890
Total:									
Male.....	38.7	40.2	41.7	60.8	59.4	58.1	55.8	54.5	53.9
Female.....	29.7	31.2	31.8	70.0	68.6	68.1	58.9	57.0	56.8
Native white—Native parentage:									
Male.....	38.1	39.7	40.1	61.4	59.8	59.7	56.3	55.0	55.4
Female.....	41.7	44.4	51.0	58.1	55.6	49.0	51.1	49.4	44.3
Native white—Foreign or mixed parentage:									
Male.....	50.2	54.5	61.9	49.5	45.3	35.0	46.3	42.7	36.2
Female.....	31.8	29.4	32.1	67.8	70.3	67.6	62.1	63.8	62.2
Foreign-born white:									
Male.....	18.3	19.5	20.7	51.6	50.3	79.2	66.5	64.2	63.0
Negro:									
Male.....	35.4	39.2	39.8	64.0	60.2	60.0	57.2	54.0	55.5
Female.....	26.9	29.9	30.0	73.1	69.9	69.5	57.2	53.7	54.0

The combined percentage of married, widowed, or divorced persons was higher in 1910 than in 1900 or in 1890 for each sex in each of the four principal race, nativity, and parentage groups, except that in the case of the foreign-born white males the percentage was lower in 1910 than in 1900. In the case of native white females of native parentage, however, the percentage married, widowed, or divorced was slightly lower in 1900 than in 1890. These higher percentages of married, widowed, or divorced persons combined were chiefly due to a higher proportion of married persons, although the proportion of widowed or divorced persons has also generally increased.

Table 27 shows the percentage of males and females of specified ages reported as single, as married, and as married, widowed, or divorced at the censuses of 1910, 1900, and 1890.

AGE PERIOD AND SEX.	PER CENT OF PERSONS IN SPECIFIED AGE GROUP WHO WERE—								
	Single.			Married, widowed, or divorced.			Married.		
	1910	1900	1890	1910	1900	1890	1910	1900	1890
15 years and over:¹									
Male.....	38.7	40.2	41.7	60.8	59.4	58.1	55.8	54.5	53.9
Female.....	29.7	31.2	31.8	70.0	68.6	68.1	58.9	57.0	56.8
15 to 19 years:									
Male.....	98.3	98.8	99.4	1.2	1.0	0.5	1.1	1.0	0.5
Female.....	87.9	88.7	90.3	11.6	11.2	9.7	11.3	10.9	9.5
20 to 24 years:									
Male.....	74.9	77.6	80.7	24.6	22.1	19.2	24.0	21.6	18.9
Female.....	48.3	51.6	51.8	51.4	48.3	48.1	49.7	46.5	46.7
25 to 34 years:									
Male.....	35.0	37.3	36.8	64.7	62.5	63.1	62.8	60.6	61.5
Female.....	20.9	22.6	20.7	79.0	77.3	79.2	75.1	73.0	75.2
35 to 44 years:									
Male.....	16.7	17.0	15.3	83.1	82.9	84.5	79.2	78.8	80.9
Female.....	11.4	11.1	9.9	88.5	88.8	90.1	80.1	79.5	80.6
45 to 64 years:									
Male.....	10.1	9.3	8.2	89.7	90.6	91.6	80.6	81.3	83.5
Female.....	8.0	7.4	6.6	91.9	92.5	93.3	70.0	68.0	68.8
65 years and over:									
Male.....	6.2	5.7	5.6	93.5	94.0	94.2	65.0	67.1	70.5
Female.....	6.3	6.0	5.6	93.4	93.8	94.2	35.0	34.2	35.4

¹ Includes persons of unknown age.

In the age groups 15 to 19 years, 20 to 24 years, and 25 to 34 years, the percentage married, widowed, or divorced was greater in 1910 than in 1900, and in the case of the first two groups it was also greater in 1900 than in 1890. In the age group 25 to 34 years the percentage for males was greater in 1910 than at either of the two preceding censuses, but was less in 1900 than in 1890, while for females the percentage was greater in 1910 than in 1900, although in both years it was lower than in 1890. In each of the three age groups comprising persons 35 years of age or over, a decrease occurred during both of the decades covered by the table in the percentage married, widowed, or divorced both for males and for females, with the single exception that the percentage for males from 35 to 44 years of age increased slightly between 1900 and 1910.

Table 28 shows, for 1910, 1900, and 1890, the percentage of married, widowed, or divorced persons among males and females, respectively, for the principal color or race, nativity, and parentage groups, classified by age.

For each class shown in the table the percentage of married, widowed, or divorced persons in the age groups 15 to 19 years and 20 to 24 years was higher, both for males and for females, in 1910 than in 1900 or 1890, except that the percentage for native white males of foreign or mixed parentage 15 to 19 years of age was the same in 1910 as in 1900. This would in-

dicate that in all classes of the population a larger proportion are marrying in the earlier ages than was the case 10 or 20 years ago. The falling off in the natural rate of increase of population in this country would therefore seem not in any way due to the postponement of marriage. In the age group 25 to 34 years the proportion married, widowed, or divorced in 1910 was greater than in 1900 for both males and females in all classes of the population, with the single exception of the foreign-born white males. For the two groups comprising persons 45 years of age and over, the proportion of persons in the three classes of the white population who were or had been married has shown a decrease at each census since 1890, with the single exception of the native white females of native parentage from 45 to 64 years of age, for whom the percentage was the same in 1910 as in 1900. For the white population it thus appears that although the proportion marrying at early ages shows an increase, the proportion married, widowed, or divorced in the higher age groups was not so great in 1910 as in 1900 or 1890. Among the negroes the proportion married, widowed, or divorced in each age group was higher in 1910 than in 1900.

CLASS OF POPULATION AND AGE PERIOD.	PER CENT MARRIED, WIDOWED, OR DIVORCED.					
	Male.			Female.		
	1910	1900	1890	1910	1900	1890
Total:						
15 years and over¹.....	60.8	59.4	58.1	70.0	68.6	68.1
15 to 19 years.....	1.2	1.0	0.5	11.6	11.2	9.7
20 to 24 years.....	24.6	22.1	19.2	51.4	48.3	48.1
25 to 34 years.....	64.7	62.5	63.1	79.0	77.3	79.2
35 to 44 years.....	83.1	82.9	84.5	88.5	88.8	90.1
45 to 64 years.....	89.7	90.6	91.6	91.9	92.5	93.3
65 years and over.....	93.5	94.0	94.2	93.4	93.8	94.2
Native white—Native parentage:						
15 years and over¹.....	61.4	59.8	59.7	69.8	68.8	69.3
15 to 19 years.....	1.4	1.2	0.6	12.8	12.5	11.0
20 to 24 years.....	27.0	23.8	20.5	53.2	51.2	51.5
25 to 34 years.....	65.5	65.7	66.6	80.4	79.0	80.8
35 to 44 years.....	83.3	83.1	86.5	89.2	89.0	89.5
45 to 64 years.....	89.9	91.7	92.6	91.7	91.7	92.3
65 years and over.....	94.0	94.6	94.8	92.4	92.8	93.3
Native white—Foreign or mixed parentage:						
15 years and over¹.....	49.5	45.3	38.0	58.1	55.6	49.0
15 to 19 years.....	0.3	0.3	0.1	5.1	5.0	4.2
20 to 24 years.....	15.4	13.1	11.0	36.9	35.0	34.6
25 to 34 years.....	55.9	52.5	55.3	69.2	68.5	71.4
35 to 44 years.....	77.2	78.1	80.6	82.1	83.9	87.1
45 to 64 years.....	85.7	86.9	88.9	87.6	89.8	91.5
65 years and over.....	90.9	92.2	93.6	91.3	91.9	92.3
Foreign-born white:						
15 years and over¹.....	67.8	70.3	67.6	81.6	80.3	79.2
15 to 19 years.....	0.8	0.7	0.3	13.2	11.0	8.4
20 to 24 years.....	19.2	17.3	15.1	54.9	46.5	45.2
25 to 34 years.....	60.3	60.9	58.1	81.9	80.7	80.1
35 to 44 years.....	87.5	82.0	82.2	92.8	91.9	92.4
45 to 64 years.....	89.1	89.5	90.3	94.2	94.4	95.1
65 years and over.....	92.6	93.0	93.2	95.3	95.6	96.0
Negro:						
15 years and over¹.....	64.0	60.2	60.0	73.1	69.9	69.8
15 to 19 years.....	2.3	1.8	0.9	18.1	16.6	15.0
20 to 24 years.....	39.6	35.1	34.2	64.8	60.0	61.7
25 to 34 years.....	74.5	71.6	74.7	85.3	82.4	84.8
35 to 44 years.....	87.5	86.5	88.1	92.8	91.9	92.4
45 to 64 years.....	93.7	93.3	93.9	95.4	95.1	95.2
65 years and over.....	95.5	95.0	94.3	95.9	95.2	95.3

¹ Percentages based on total population, which includes a small number of persons of unknown age.

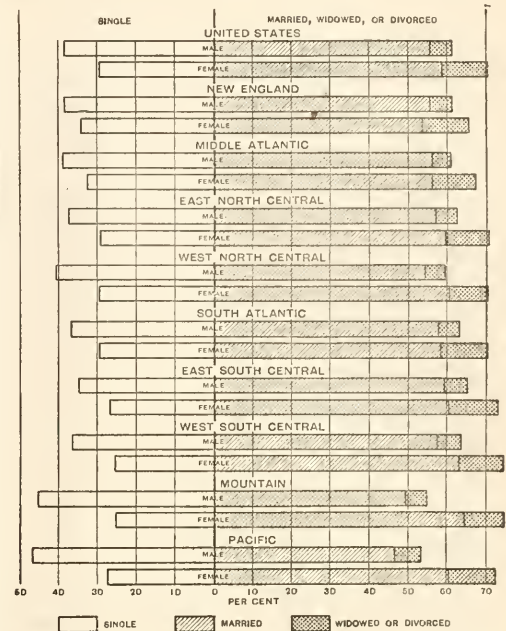
DIVISIONS AND STATES.

Total population, by divisions.—Table 29 shows for the different geographic divisions of the country the proportions single, married, widowed, or divorced among persons 15 years of age and over, classified by sex. The percentages are summarized graphically in the accompanying diagram.

Table 29

DIVISION AND SEX.	PER CENT OF TOTAL POPULATION 15 YEARS OF AGE AND OVER.				
	Single.	Married, widowed, or divorced.			
		Total.	Mar-ried.	Wid-owed.	Di-voiced.
United States:					
Male.....	38.7	60.8	55.8	4.5	0.5
Female.....	29.7	70.0	58.9	10.6	0.6
NEW ENGLAND:					
Male.....	38.6	61.2	55.5	5.1	0.5
Female.....	34.2	65.7	53.6	11.5	0.6
MIDDLE ATLANTIC:					
Male.....	39.0	60.7	56.1	4.3	0.2
Female.....	32.6	67.3	56.1	10.8	0.3
EAST NORTH CENTRAL:					
Male.....	37.5	62.1	57.0	4.5	0.6
Female.....	29.1	70.7	59.8	10.1	0.7
WEST NORTH CENTRAL:					
Male.....	40.5	58.9	54.1	4.3	0.5
Female.....	29.7	70.0	60.4	9.0	0.7
SOUTH ATLANTIC:					
Male.....	36.9	62.7	57.9	4.6	0.3
Female.....	29.6	70.1	58.4	11.3	0.4
EAST SOUTH CENTRAL:					
Male.....	34.9	64.8	59.2	5.1	0.5
Female.....	26.8	72.9	60.3	11.8	0.8
WEST SOUTH CENTRAL:					
Male.....	36.5	62.9	57.5	4.9	0.5
Female.....	25.3	74.4	63.1	10.6	0.7
MOUNTAIN:					
Male.....	45.1	54.1	49.5	3.8	0.8
Female.....	25.2	74.4	64.5	9.0	1.0
PACIFIC:					
Male.....	46.9	51.9	46.7	4.2	1.0
Female.....	27.4	72.4	60.5	10.6	1.3

MARITAL CONDITION OF THE TOTAL POPULATION 15 YEARS OF AGE AND OVER, BY DIVISIONS: 1910.



The percentage of females who were or had been married was lower in New England than in other geographic divisions, while the proportion of males who were or had been married was lower in the Pacific and Mountain divisions than in the other divisions. It should be borne in mind in this connection that the number of males to 100 females is much higher in the Pacific and Mountain divisions than in any other, whereas New England is the only division in which the females outnumber the males. The factors of race and age doubtless exercise an appreciable influence upon the marital condition of the total population, but, independently of racial or age composition, it is almost inevitable that the proportion married, widowed, or divorced among males should be smallest in those geographic divisions in which the excess of males over females is greatest. Conversely it is natural that the proportion married among women should be relatively low in that section of the country where the females outnumber the males.

The proportion widowed is highest for both sexes in the East South Central and New England divisions and lowest for males in the Mountain and Pacific divisions and for females in the West North Central and Mountain divisions.

The proportion divorced is highest for both sexes in the Mountain and Pacific divisions and lowest for both sexes in the Middle Atlantic and South Atlantic divisions.

Color or race, nativity, and parentage classes, by divisions.—Table 30 shows for 1910, by geographic divisions, the percentage of the male and female population 15 years of age and over in the color or race, nativity, and parentage classes who were married, widowed, or divorced, and also the percentage who were married.

For each class of the population except the native whites of native parentage the percentage married, widowed, or divorced among the males was higher in the East South Central division than in any other. For the native whites of native parentage the New England division ranked first in this respect, with the East South Central second. For each class of population except the native whites of foreign or mixed parentage the percentage was lowest in the Pacific division. For the native whites of foreign or mixed parentage the lowest percentage was found in New England, with the Pacific division ranking next.

Among females the percentage married, widowed, or divorced was highest in the divisions west of the Mississippi River, for the native whites of native parentage, in the West South Central division; for the native whites of foreign or mixed parentage, in the Mountain division; for the foreign-born whites, in the West North Central division; and for the negroes, in the Mountain division. On the other hand, the proportion of females married, widowed, or divorced was lowest in New England for every class except the native whites of native parentage, for whom the proportion was lowest in the Middle Atlantic division, New England ranking next in this respect.

Table 30

DIVISION AND SEX.	PER CENT OF PERSONS 15 YEARS OF AGE AND OVER.									
	All classes.		Native white.				Foreign-born white.		Negro.	
			Native parentage.		Foreign or mixed parentage.					
	Married, widowed, or divorced.	Married.	Married, widowed, or divorced.	Married.	Married, widowed, or divorced.	Married.	Married, widowed, or divorced.	Married.	Married, widowed, or divorced.	Married.
United States:										
Male.....	60.8	55.8	61.4	56.3	49.5	46.3	67.8	62.1	64.0	57.2
Female.....	70.0	58.9	69.3	59.4	58.1	51.1	81.6	68.6	73.1	67.2
NEW ENGLAND:										
Male.....	61.2	55.5	65.0	57.7	42.9	39.8	68.2	62.7	58.2	51.7
Female.....	65.7	53.6	68.2	53.1	48.0	42.0	74.9	62.1	67.7	50.0
MIDDLE ATLANTIC:										
Male.....	60.7	56.1	60.9	55.8	48.7	45.4	67.8	63.2	60.4	54.5
Female.....	67.3	56.1	66.1	55.2	55.5	47.6	78.3	64.7	69.0	53.3
EAST NORTH CENTRAL:										
Male.....	62.1	57.0	61.9	56.6	52.5	49.4	72.2	65.7	60.5	51.7
Female.....	70.7	59.8	69.8	59.4	60.5	53.8	86.3	69.3	75.3	56.8
WEST NORTH CENTRAL:										
Male.....	58.9	54.1	59.6	54.8	47.8	45.2	70.1	63.1	60.3	51.4
Female.....	70.0	60.4	69.9	60.7	58.6	53.4	87.9	71.2	75.0	56.2
SOUTH ATLANTIC:										
Male.....	62.7	57.9	62.3	58.1	56.0	51.7	66.4	60.4	63.8	57.9
Female.....	70.1	58.4	69.3	59.4	61.9	51.4	82.9	65.3	71.5	56.9
EAST SOUTH CENTRAL:										
Male.....	64.8	59.2	64.2	59.6	59.5	55.0	74.9	65.5	65.9	58.5
Female.....	72.9	60.3	72.2	62.0	64.3	52.6	86.7	59.7	74.7	57.8
WEST SOUTH CENTRAL:										
Male.....	62.9	57.5	62.2	57.6	55.7	51.7	70.5	62.9	64.9	57.4
Female.....	74.4	63.1	74.2	65.0	66.4	57.4	85.6	67.5	74.9	58.8
MOUNTAIN:										
Male.....	54.1	49.5	55.1	50.3	49.0	45.6	55.7	50.9	55.3	47.6
Female.....	74.4	64.5	73.0	63.9	66.5	60.0	87.3	71.9	77.1	66.6
PACIFIC:										
Male.....	51.9	46.7	54.9	49.2	45.6	41.6	54.4	48.6	52.6	45.9
Female.....	72.4	60.5	72.1	60.4	62.2	54.2	84.2	67.8	76.0	56.6

Comparing the different color or race, nativity, and parentage groups within the same division, it appears that for males the percentage married, widowed, or divorced was highest among the foreign-born whites in every division excepting the Pacific, where the highest proportion was among the native whites of native parentage. For females the highest percentage married, widowed, or divorced was, in all geographic divisions, among the foreign-born whites. This uniformity results from the fact that the proportion of the foreign-born whites in the early age groups is comparatively low. The percentage of persons married, widowed, or divorced was lowest in every division and for both sexes among the native whites of foreign or mixed parentage, a fact in part attributable to the relatively large number of young persons in this class of population.

In all divisions, and for each color or race, nativity, and parentage group, the proportion of persons married, widowed, or divorced was higher for females than for males. In a majority of cases the proportion of married persons alone was also higher among females than among males.

Generally speaking, the differences between the geographic divisions as respects marital condition are largely explained by differences in the composition of the population in regard to sex, age, race, nativity, and parentage. The foregoing table shows, however, for each race, nativity, and parentage class appreciable differences among the divisions. These in turn

are largely explained either by variations in the age and sex distribution of the population or by varying habits with respect to the age of marriage. These factors are in part exhibited in Table 31, page 156, which shows for each division the percentage of married, widowed, or divorced persons combined in the principal classes of the population, by sex and age groups.

The absolute numbers on which the percentages in Table 31 are based appear in Table 32, which also gives further details.

The degree of prevalence of early marriages in the case of males is fairly well indicated by the percentage married, widowed, or divorced in the age group 20 to 24 years. For native white males of native parentage the percentage in 1910 was conspicuously high in the three southern divisions, and lowest in the Pacific, New England, and Mountain divisions, in the order named. In the South the percentage of negro males in the same age group who were married, widowed, or divorced was much higher than the percentage of native whites of native parentage. In other sections of the country, where the negroes are less numerous, there was no such marked difference. The proportions for the native whites of foreign or mixed parentage and for foreign-born whites were fairly uniform throughout the country, except that in the West South Central division, where much of the foreign stock is of Mexican rather than European origin, they were considerably higher than elsewhere.

For females the proportion married, widowed, or divorced in the age group 15 to 19 is more significant as to prevalence of early marriage. Among the native whites of native parentage this proportion was greater in the three southern divisions than elsewhere. In two of these divisions, the East South Central and the West South Central, the proportion was also higher in the age group 20 to 24 years, but the proportion for this group in the South Atlantic division was exceeded by that in the Mountain division. Among the negro women early marriages are more frequent in the South than in the remainder of the country. For the native whites of foreign or mixed parentage there were high percentages of married persons among females from 15 to 24 years of age in the West South Central, Mountain, and Pacific divisions. Among the foreign-born whites the percentages were high in the South, where, however, this class forms an inconsiderable element in the aggregate population.

Table 32, pages 156 to 159, presents detailed statistics of marital condition by geographic divisions.

States.—Table 33, pages 160 to 162, shows the distribution, according to marital condition, of the males and females 15 years of age and over in each of the principal classes of population, by states.

URBAN AND RURAL COMMUNITIES.

Table 34, page 163, shows the marital condition of males and females by age groups for the principal race, nativity, and parentage classes, distinguishing between urban and rural communities.

For the population 15 years of age and over, both for males and females, the proportion of single persons is greater, and, conversely, the proportion of those who are or have been married is less, in the urban than in the rural population. For both males and females, a smaller percentage of persons married, widowed, or divorced, is found in urban communities in each of the

age periods specified in the table, the difference being particularly great in the younger age periods.

The native classes of the population, the whites both of native and of foreign or mixed parentage and the negroes, show, like the population at large, a smaller percentage of persons married, widowed, or divorced in urban than in rural communities, not only for the entire population 15 years of age and over, but also for each of the age groups given in the table.

For the foreign-born white females also, the proportion married, widowed, or divorced is smaller in towns and cities than in the rural districts. The foreign-born white males 15 years and over form an exception to all other classes in having among those who live in cities a smaller percentage of single persons, and, conversely, a larger percentage of married, widowed, or divorced, than among those living in rural districts. With the exception of the age group 15 to 19 years, which, of course, comprises comparatively few married persons, the percentage of foreign-born males married, widowed, or divorced was larger in each age group of the urban population than in the corresponding group of the rural population.

These differences with reference to the urban and the rural population constitute one of the important factors in determining the differences already noted with respect to marital condition among the different geographic divisions and states.

PRINCIPAL CITIES.

The concluding tables on marital condition relate to the cities of the United States. In Table 35, page 164, information is given concerning the marital condition of both males and females, classified by color or race, nativity, and parentage, in cities having 250,000 inhabitants or more. Table 36, pages 165 to 167, gives similar information, without distinction of color or race, nativity, and parentage, for cities having from 25,000 to 250,000 inhabitants.

PER CENT MARRIED, WIDOWED, OR DIVORCED IN THE POPULATION, BY GEOGRAPHIC DIVISIONS: 1910.

Table 31

PER CENT MARRIED, WIDOWED, OR DIVORCED.

DIVISION AND CLASS OF POPULATION.	Males 15 years of age and over.										Female 15 years of age and over.					
	15 to 19 years.	20 to 24 years.	25 to 34 years.	35 to 44 years.	45 years and over.	15 to 19 years.	20 to 24 years.	25 to 34 years.	35 to 44 years.	45 years and over.						
	United States:															
Native white—Native parentage	1.4	27.0	68.6	85.3	91.7	12.8	53.2	80.4	89.2	91.9						
Native white—Foreign or mixed parentage	0.3	15.4	55.9	77.2	86.3	5.1	36.9	69.2	82.1	88.0						
Foreign-born white	0.8	19.2	60.3	82.5	90.4	13.2	54.8	81.9	91.4	94.5						
Negro	2.3	39.6	74.5	87.5	94.0	18.1	64.8	89.3	92.8	95.6						
NEW ENGLAND:																
Native white—Native parentage	0.8	20.9	63.1	82.4	89.9	6.6	38.4	69.8	81.9	86.8						
Native white—Foreign or mixed parentage	0.4	14.5	49.8	72.3	83.2	3.6	28.0	57.2	72.5	81.0						
Foreign-born white	1.0	21.9	64.1	85.3	92.2	9.9	46.6	75.0	87.5	91.4						
Negro	1.3	21.7	55.1	75.9	86.6	8.9	42.9	72.1	83.3	88.7						
MIDDLE ATLANTIC:																
Native white—Native parentage	0.9	23.8	66.1	83.6	90.6	6.9	42.8	74.1	84.8	89.0						
Native white—Foreign or mixed parentage	0.3	15.0	54.5	76.0	85.8	4.5	33.0	64.4	78.7	85.4						
Foreign-born white	0.7	21.4	64.4	86.1	91.8	12.1	54.1	82.0	91.1	93.3						
Negro	1.0	27.0	62.0	78.0	86.4	10.2	48.9	74.5	86.6	90.8						
EAST NORTH CENTRAL:																
Native white—Native parentage	0.9	26.1	69.6	85.9	92.1	10.0	50.7	80.3	89.5	93.2						
Native white—Foreign or mixed parentage	0.3	16.3	59.4	80.2	88.5	4.8	38.1	71.8	84.0	89.6						
Foreign-born white	0.7	18.8	62.8	84.8	92.0	9.2	50.7	83.1	93.1	96.2						
Negro	1.4	25.9	59.9	77.0	87.2	14.7	57.2	81.9	91.7	95.5						
WEST NORTH CENTRAL:																
Native white—Native parentage	0.2	14.4	66.9	85.0	92.4	11.6	52.6	82.0	91.6	95.5						
Native white—Foreign or mixed parentage	0.9	23.9	56.4	78.8	88.1	5.0	38.6	73.3	86.0	92.2						
Foreign-born white	0.7	14.1	53.0	78.8	90.2	13.3	56.5	84.0	93.4	96.5						
Negro	1.3	26.7	60.3	78.5	89.8	15.5	57.9	82.8	92.3	96.0						
SOUTH ATLANTIC:																
Native white—Native parentage	1.8	30.0	71.7	88.0	93.1	15.3	55.7	80.7	88.7	89.8						
Native white—Foreign or mixed parentage	0.5	16.1	56.0	76.6	86.6	5.9	37.4	66.0	78.9	84.8						
Foreign-born white	1.1	19.4	60.2	83.0	89.3	18.4	62.1	85.1	90.8	92.4						
Negro	2.4	40.2	76.5	89.2	94.7	17.0	63.6	84.8	92.3	95.0						
EAST SOUTH CENTRAL:																
Native white—Native parentage	2.7	35.4	75.8	89.8	94.1	19.4	61.5	84.2	91.2	92.8						
Native white—Foreign or mixed parentage	0.7	16.2	56.9	77.2	87.4	6.1	34.9	66.3	78.9	86.1						
Foreign-born white	0.9	18.7	59.9	83.0	89.9	21.3	63.3	83.4	89.4	93.5						
Negro	2.5	43.6	78.6	90.5	95.6	20.0	68.4	87.5	93.9	96.3						
WEST SOUTH CENTRAL:																
Native white—Native parentage	1.9	32.6	74.3	89.3	94.0	20.1	66.3	85.7	95.0	96.4						
Native white—Foreign or mixed parentage	0.7	23.0	64.9	82.1	88.2	11.3	52.0	81.9	88.6	91.7						
Foreign-born white	1.8	25.0	62.1	81.9	88.9	25.3	68.6	87.3	93.7	95.7						
Negro	2.1	41.3	77.4	89.8	95.3	20.3	69.0	88.7	95.2	97.1						
MOUNTAIN:																
Native white—Native parentage	0.8	21.3	58.6	77.7	85.8	14.0	60.8	85.7	93.6	96.3						
Native white—Foreign or mixed parentage	0.5	17.3	55.6	75.0	80.1	9.3	51.2	82.1	91.9	94.9						
Foreign-born white	1.2	13.0	45.0	70.4	80.0	21.7	65.8	87.3	94.1	96.5						
Negro	1.7	21.7	50.9	70.0	78.3	20.1	62.6	80.8	91.8	94.0						
PACIFIC:																
Native white—Native parentage	0.5	17.9	53.9	74.3	85.0	10.6	52.6	80.4	90.5	94.9						
Native white—Foreign or mixed parentage	0.3	13.5	48.7	69.5	78.6	7.0	42.7	73.7	86.0	92.0						
Foreign-born white	1.0	11.2	39.2	65.7	77.7	17.6	57.1	80.6	90.8	94.7						
Negro	1.1	19.1	47.0	67.7	78.3	13.0	57.1	82.0	91.1	94.5						

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER FOR THE UNITED STATES AND DIVISIONS: 1910.

Table 32

DIVISION, CLASS OF POPULATION, AND AGE PERIOD.	Total ¹	MALES 15 YEARS OF AGE AND OVER.								FEMALES 15 YEARS OF AGE AND OVER.							
		Single.		Married.		Widowed.		Di- vored.	Total ¹	Single.		Married.		Widowed.		Di- vored.	
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.			Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		
UNITED STATES																	
All classes:																	
15 years of age and over: ²																	
1910	32,425,805	12,550,123	38.7	18,932,690	55.8	1,471,390	4.5	156,162	30,047,326	8,933,170	29.7	17,684,687	58.9	3,317,228	10.8	185,068	
1900	25,620,399	10,297,940	40.2	13,955,650	54.5	1,177,976	4.6	84,230	24,249,191	7,566,530	31.2	13,810,057	57.0	2,177,715	11.2	113,647	
1910																	
15 to 19 years	4,527,282	4,448,067	98.3	51,877	1.1	1,110	(3)	347	4,536,321	3,985,764	87.9	513,329	11.3	10,261	0.2	3,650	
20 to 24 years	4,580,290	3,432,161	74.9	1,100,693	24.0	18,815	0.4	6,732	4,476,694	2,163,683	48.3	2,225,362	49.7	55,354	1.2	20,370	
25 to 34 years	7,901,116	2,767,957	35.0	4,964,769	62.8	110,431	1.4	34,571	7,251,072	1,316,726	20.9	5,443,894	75.1	224,327	3.1	57,262	
35 to 44 years	6,153,366	1,026,502	16.7	4,873,153	79.2	198,701	3.2	42,688	5,504,321	628,516	11.4	4,416,310	80.1	411,890	7.5	49,269	
45 years and over	9,149,308	846,023	9.2	7,075,988	77.3	1,137,700	12.4	71,252	8,224,305	623,787	7.6	5,076,832	61.7	2,495,398	30.0	54,037	
Native white—Native parentage:																	
15 years and over	16,233,095	6,185,324	38.1	9,444,699	58.3	728,883	4.5	87,456	15,523,909	4,644,122	29.9	9,219,385	59.4	2,945,560	9.8	100,033	
15 to 24 years	4,885,442	4,195,858	85.9	652,118	13.3	9,308	0.2	3,941	4,886,535	3,244,399	67.4	1,535,185	31.4	29,245	0.5	12,833	
25 to 44 years	6,642,210	1,596,943	24.0	4,843,893	72.9	143,907	2.2	42,695	6,304,231	997,649	15.8	4,986,102	79.1	258,103	4.1	55,935	
45 years and over	4,636,674	376,143	8.1	3,636,050	78.4	573,373	12.4	40,479	4,304,394	343,944	8.0	2,687,885	62.1	1,235,914	28.7	31,063	
Native white—For. or mixed par.:																	
15 years and over	5,785,137	2,906,042	50.2	2,677,706	46.3	160,779	2.8	24,688	5,887,131	2,453,017	41.7	3,068,623	51.1	382,318	6.5	30,206	
15 to 24 years	2,008,982	1,854,979	92.3	142,172	7.1	1,479	0.1	769	2,069,701	1,650,259	79.7	408,072	19.5	4,772	0.2	2,907	
25 to 44 years	2,565,634	884,388	34.5	1,616,693	63.0	46,229	1.8	13,698	2,644,475	661,207	25.0	1,853,561	70.1	107,642	4.1	19,134	
45 years and over	1,204,884	164,132	13.6	916,985	76.1	112,351	9.3	16,175	1,168,088	139,409	11.9	750,339	64.2	209,350	17.9	8,127	
Foreign-born white:																	
15 years and over	7,139,893	2,268,916	31.8	4,432,135	62.1	384,726	5.4	23,059	5,446,306	994,110	18.3	3,624,003	66.5	800,112	14.7	20,520	
15 to 24 years	1,175,674	1,008,153	85.8	159,673	13.5	1,309	0.1	376	1,182,468	550,019	46.5	371,065	30.0	3,476	0.4	950	
25 to 44 years	3,412,770	1,008,533	29.3	2,361,873	69.6	52,139	1.5	8,534	2,437,269	330,174	13.5	1,900,572	81.7	104,230	4.3	10,490	
45 years and over	2,501,748	245,630	9.8	1,906,977	76.2	330,488	13.2	14,081	2,074,124	112,552	5.4	1,255,669	60.7	690,971	33.3	9,657	
Negro:																	
15 years and over	3,059,312	1,083,472	35.4	1,749,228	57.2	189,970	6.2	20,146	3,103,544	812,956	26.6	1,775,949	57.2	459,831	14.8	33,286	
15 to 24 years	830,102	780,147	94.0	19,174	2.3	7,576	0.8	1,913	1,101,169	639,911	58.1	417,860	37.9	39,705	3.5	7,084	
25 to 44 years	1,304,668	256,369	19.7	967,550	74.2	64,405	4.9	11,866	1,834,080	153,787	8.4	963,616	52.5	164,192	12.3	20,490	

MARITAL CONDITION.

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER FOR THE UNITED STATES AND DIVISIONS: 1910—Continued.

Table 32—Continued.

DIVISION, CLASS OF POPULATION, AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.										FEMALES 15 YEARS OF AGE AND OVER.									
	Total ¹		Single.		Married.		Widowed.		Divorced.		Total ¹		Single.		Married.		Widowed.		Divorced.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
NEW ENGLAND.																				
All classes:																				
15 years of age and over: ²																				
1910.....	2,369,362		915,725	38.8	1,314,860	55.5	121,997	5.1	12,183	0.5	2,401,998	821,842	34.2	1,286,344	53.8	277,076	11.5	14,151	0.6	11,556
1900.....	1,995,422		782,466	39.2	1,083,539	54.6	106,199	5.3	8,105	0.4	2,063,373	715,054	34.7	1,078,704	52.3	234,692	11.3	20,892	1.0	10,586
1910																				
15 to 19 years.....	290,134		287,518	99.1	1,962	0.7	21	(*)	7	293,653	275,367	93.8	17,538	6.0	127	(*)	77			77
20 to 24 years.....	302,989		243,668	80.4	57,990	19.1	1,341	0.4	2	317,990	192,659	61.8	116,827	37.5	1,254	0.4	649	0.4	638	
25 to 34 years.....	556,690		219,958	39.5	328,640	59.0	5,443	1.0	1,029	553,639	173,594	31.4	365,422	66.0	10,679	1.9	3,586			
35 to 44 years.....	474,218		88,554	18.5	371,955	77.8	13,769	2.9	3,518	468,689	84,494	18.0	350,366	74.7	29,458	6.3	1,492			
45 years and over.....	736,598		74,427	10.1	553,088	75.1	101,970	13.8	6,464	771,104	94,712	12.3	435,183	56.4	235,052	30.5	5,634			
Native white—Native parentage:																				
15 years and over: ²																				
15 to 24 years.....	939,775		326,362	34.7	542,490	57.7	60,820	6.5	8,195	973,103	308,688	31.7	516,794	53.1	137,162	14.1	9,254			
25 to 34 years.....	213,686		190,951	89.4	22,015	10.3	193	0.1	116	217,171	168,410	77.5	47,509	21.9	5,555	0.3	408			
35 to 44 years.....	354,033		97,722	27.6	245,710	69.4	6,783	1.9	3,363	359,793	88,165	24.5	253,885	70.6	12,799	3.6	4,725			
45 years and over.....	369,600		36,986	10.0	274,083	74.2	53,499	14.5	4,858	394,409	51,631	13.1	214,843	54.5	123,568	31.3	4,432			
15 years and over: ²																				
25 to 44 years.....	527,729		300,687	57.0	210,102	39.8	14,302	2.7	1,911	572,353	296,745	51.8	240,421	42.0	32,321	5.6	2,125			
45 years and over.....	224,046		90,008	40.2	128,285	57.3	1,434	2.0	1,127	251,192	90,631	36.1	149,465	59.5	9,489	3.8	1,499			
45 years and over.....	95,154		15,893	16.7	68,782	72.3	9,702	10.2	711	102,782	19,462	18.9	60,194	58.6	22,467	21.9	610			
Foreign-born white:																				
15 years and over: ²																				
15 to 24 years.....	577,527		276,206	31.7	477,326	82.7	45,501	5.2	1,890	830,506	208,082	25.1	516,098	62.1	103,234	12.4	2,436			
25 to 34 years.....	165,206		140,282	85.0	24,149	14.6	199	0.1	41	163,844	108,542	66.2	54,469	33.2	1,461	0.3	121			
35 to 44 years.....	441,368		110,350	25.0	317,591	72.0	7,534	1.7	846	398,450	76,349	19.2	304,008	76.3	26,451	0.1	1,468			
45 years and over.....	264,364		20,403	7.7	206,663	77.6	37,670	14.2	998	267,285	22,882	8.6	156,928	58.8	12,263	32.2	848			
Negro:																				
15 years and over: ²																				
15 to 24 years.....	24,955		10,345	41.5	12,893	51.7	1,454	5.8	177	25,274	8,121	32.1	12,641	50.0	4,235	16.8	236			
25 to 34 years.....	5,588		4,839	86.6	716	12.8	14	0.3	6	6,229	4,495	72.2	1,665	26.7	44	0.7	11			
35 to 44 years.....	13,076		4,638	35.6	7,862	60.1	423	3.2	105	12,604	2,897	23.0	8,176	64.9	1,376	10.9	147			
45 years and over.....	6,209		831	13.4	4,297	69.2	1,012	16.3	66	6,366	710	11.2	2,779	43.7	2,795	43.9	75			
MIDDLE ATLANTIC.																				
All classes:																				
15 years of age and over: ²																				
1910.....	6,997,597		2,730,208	39.0	3,925,923	56.1	303,384	4.3	18,126	6,722,832	2,189,495	32.6	3,774,083	56.1	727,120	10.8	20,715			
1900.....	5,383,757		2,134,743	39.7	2,976,891	55.3	246,918	4.6	8,778	5,341,426	1,781,079	33.3	2,923,493	54.7	617,470	11.6	12,124			
1910																				
15 to 19 years.....	889,098		876,687	98.9	5,713	0.6	103	(*)	9	912,371	844,617	92.6	63,222	6.9	527	0.1	1,631			
20 to 24 years.....	971,668		706,016	72.7	290,804	29.7	1,888	0.2	452	982,238	545,415	55.1	418,926	43.0	5,227	0.5	1,423			
25 to 34 years.....	1,753,214		650,760	37.5	1,107,490	62.1	17,830	1.0	3,397	1,633,600	417,214	25.5	1,169,021	71.6	39,212	2.4	6,541			
35 to 44 years.....	1,416,225		243,190	17.2	1,126,557	79.5	39,604	2.8	4,998	1,283,162	188,014	14.5	1,003,471	78.7	64,486	5.0	6,325			
45 years and over.....	1,921,020		187,320	9.7	1,480,767	77.1	243,317	12.7	7,225	1,907,201	193,317	10.1	1,119,571	57.6	586,468	20.8	6,235			
Native white—Native parentage:																				
15 years and over: ²																				
15 to 24 years.....	2,816,680		1,088,318	38.6	1,572,510	55.8	134,736	4.8	9,362	2,886,910	972,157	33.7	1,592,567	55.2	304,844	10.6	11,846			
25 to 34 years.....	806,528		707,232	87.8	94,070	11.7	995	0.1	267	833,425	626,965	75.2	200,263	24.0	2,591	0.3	954			
35 to 44 years.....	1,155,924		201,550	17.4	925,019	71.1	11,810	1.0	4,751	1,169,060	247,303	21.2	867,760	73.5	45,929	3.9	7,089			
45 years and over.....	845,439		73,639	8.7	651,139	77.0	11,052	1.3	1,202	879,971	96,414	11.0	529,214	59.5	255,807	29.1	3,778			
Native white—For or mixed par.:																				
15 years and over: ²																				
15 to 24 years.....	1,532,347		782,060	51.0	696,403	45.4	47,402	3.1	3,208	1,643,681	728,921	44.3	781,971	47.6	125,463	7.6	2,479			
25 to 34 years.....	536,977		493,128	91.0	32,453	6.0	456	0.1	85	568,198	468,162	82.4	98,563	17.0	1,318	0.2	327			
35 to 44 years.....	1,000,000		235,947	23.5	412,336	40.0	13,823	1.1	1,817	721,795	298,748	41.3	1,169,021	71.6	39,212	2.4	6,541			
45 years and over.....	329,305		46,350	14.1	234,626	70.4	33,100	10.1	1,999	352,490	51,539	14.6	210,697	59.8	89,092	25.3	1,377			
Foreign-born white:																				
15 years and over: ²																				
15 to 24 years.....	2,479,583		790,763	31.9	1,566,941	63.2	112,244	4.5	3,029	2,024,511	536,061	26.6	1,310,116	64.7	271,452	13.4	3,773			
25 to 34 years.....	479,794		406,204	84.7	71,044	14.8	478	0.1	77	482,181	282,264	58.6	167,666	34.7	7,137	1.3	214			
35 to 44 years.....	1,285,111		325,981	25.4	937,541	73.0	17,758	1.4	1,506	948,406	131,208	13.8	717,539	81.4	42,757	4.5	2,339			
45 years and over.....	710,084		57,086	8.0	556,661	78.4	93,818	13.2	1,441	641,317	42,588	6.6	370,997	57.7	226,904	35.4	1,219			
Negro:																				
15 years and over: ²																				
15 to 24 years.....	156,872		61,537	39.2	85,233	64.5	8,673	5.5	500	165,026	50,736	30.7	87,989	53.3	25,087	15.2	787			
25 to 34 years.....	36,243		30,081	83.0	5,818	16.1	119	0.3	25	45,127	29,381	66.1	14,487	32.1	567	1.3	83			
35 to 44 years.....	86,991		26,875	30.9	56,331	64.9	3,172	3.6	305	86,478	17,821	20.6	58,267	67.1	1,947	11.5	567			
45 years and over.....	32,951		4,389	13.3	22,977	69.7	5,335	16.2	174	32,837	2,950	9.0	15,229	46.4	9,446	44.0	134			
EAST NORTH CENTRAL.																				
All classes:																				
15 years of age and over: ²																				
1910.....	6,668,590		2,497,535	37.5	3,798,083	57.0	301,398	4.5	40,821	6,193,600	1,803,210	29.1	3,704,975	59.8	826,340	10.1	48,829			
1900.....	5,554,055		2,161,491	38.9	3,088,140	55.8	251,502	4.5	24,176	5,234,969	1,978,258	38.1	3,073,297	58.7	548,934	10.4	30,007			
1910																				
15 to 19 years.....	885,074		874,527	98.8	6,152	0.7	110	(*)	49	875,379	796,889	91.0	73,401	8.4	729	0.1	499			
20 to 24 years.....	900,151		698,877	77.6	191,311	21.5	2,083	0.2	1,340	898,608	449,307	50.1	407,622	46.9	5,470	0.6	1,433			
25 to 34 years.....	1,372,799		548,413	39.7	995,884	63.4	17,379	1.1	8,659	1,447,901	306,884	21.2	1,095,215	75.6	30,352	2.1	13,392			
35 to 44 years.....	1,268,055		202,257	16.0	1,017,246	80.2	35,406	2.8	10,921	1,147,809	128,534	11.2	928,486							

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER FOR THE UNITED STATES AND DIVISIONS: 1910—Continued.

Table 32—Continued.

DIVISION, CLASS OF POPULATION, AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.							FEMALES 15 YEARS OF AGE AND OVER.								
	Total ¹	Single.		Married.		Widowed.		Di- vorced.	Total ¹	Single.		Married.		Widowed.		Di- vorced.
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.			Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	
WEST NORTH CENTRAL.																
All classes:																
15 years of age and over: ²	4,214,656	1,706,556	40.5	2,279,407	54.1	179,162	4.3	22,938	3,711,981	1,100,837	29.7	2,241,834	60.4	332,341	8.0	24,707
1910	3,556,391	1,486,138	41.8	1,893,845	53.3	150,608	4.2	12,947	3,130,466	949,398	30.3	1,879,534	60.0	281,159	9.0	15,903
1900																
1910	599,264	589,591	98.4	4,038	0.7	90	(*)	37	585,229	525,650	89.8	53,868	9.2	557	0.1	373
15 to 19 years	603,739	480,054	79.5	117,330	19.4	1,374	0.2	770	559,418	286,879	51.3	264,110	47.2	3,733	0.7	2,465
20 to 24 years	994,983	383,627	38.6	592,008	59.5	11,106	1.1	4,671	880,989	178,190	20.2	675,378	76.7	17,764	2.1	7,179
25 to 34 years	768,184	138,841	18.1	599,587	78.1	22,010	2.9	6,133	658,907	61,598	9.3	553,582	84.0	36,784	5.6	6,423
35 to 44 years	1,520,565	109,823	8.9	969,583	63.8	443,978	11.7	11,240	1,020,291	46,857	4.6	692,497	67.9	271,581	26.6	8,213
45 years and over																
Native white—Native parentage:																
15 years and over ² :	2,125,364	844,335	39.7	1,164,161	54.8	88,198	4.1	13,400	1,950,292	580,402	29.8	1,183,403	60.7	164,973	8.5	14,835
15 to 24 years	667,865	381,877	57.1	79,882	11.9	946	0.1	547	654,451	447,625	68.4	198,353	30.3	2,763	0.4	1,977
25 to 44 years	854,655	215,261	25.2	612,922	71.7	17,468	2.0	6,587	783,425	109,128	13.9	637,819	81.4	27,390	3.5	8,146
45 years and over	590,374	43,979	7.4	469,724	79.6	69,406	11.8	6,266	507,620	22,454	4.4	345,518	68.1	134,425	26.5	4,678
15 years and over ² —For. or mixed par.:	1,064,797	551,045	51.8	481,792	45.2	22,912	2.2	4,128	1,024,990	420,277	41.0	547,314	53.4	47,833	4.7	5,114
15 to 24 years	395,312	305,347	92.4	26,259	6.6	210	0.1	138	395,274	309,411	78.3	81,817	20.7	712	0.2	498
25 to 44 years	477,217	162,470	34.0	304,268	63.8	7,150	1.5	2,228	461,897	97,661	21.1	346,905	74.9	14,219	3.1	3,192
45 years and over	190,962	22,998	11.8	160,897	79.0	14,949	8.1	1,755	166,352	12,886	7.7	119,080	71.0	32,827	19.7	7,149
Foreign-born white:																
15 years and over ² :	912,638	267,574	29.3	575,487	63.1	39,964	6. *	3,935	637,826	76,027	11.9	454,262	71.2	103,061	16.2	2,171
15 to 24 years	111,052	98,067	88.3	11,485	10.3	98	0.1	31	106,459	37,662	35.7	27,878	41.9	2,256	0.4	1,116
25 to 44 years	378,905	120,192	33.8	241,912	63.8	5,836	1.5	1,150	250,113	27,534	11.0	212,467	84.9	8,631	3.5	1,222
45 years and over	419,420	48,495	9.6	321,577	77.7	53,916	12.9	2,734	320,497	10,670	3.3	213,604	66.6	94,001	29.3	5,677
Negro:																
15 years and over ² :	96,646	37,701	39.0	49,704	51.4	7,287	7.5	1,300	86,714	21,322	24.6	48,697	56.2	14,920	17.2	2,441
15 to 24 years	24,327	20,467	84.1	3,455	14.2	146	0.6	77	24,850	15,245	61.3	8,249	34.7	6,133	25.1	1,188
25 to 44 years	46,412	14,536	31.3	28,432	61.4	2,440	5.3	761	39,416	5,363	13.6	29,592	74.6	5,100	12.8	639
45 years and over	25,179	2,499	9.9	17,537	69.6	4,621	18.4	455	25,371	800	3.7	11,256	52.7	9,017	42.2	247
SOUTH ATLANTIC.																
All classes:																
15 years of age and over: ³	3,821,777	1,408,947	36.9	2,111,653	57.9	174,857	4.6	10,579	3,794,991	1,122,814	29.5	2,216,806	58.4	429,174	11.3	16,621
1910	3,185,702	1,256,020	39.7	1,749,894	55.3	139,882	4.4	5,913	3,202,666	1,041,220	32.5	1,737,898	54.0	385,958	12.1	11,078
1900																
15 to 19 years	635,530	618,898	97.4	12,188	1.9	261	(*)	50	654,262	548,359	83.8	99,382	15.2	2,350	0.4	524
20 to 24 years	579,468	386,891	66.8	184,825	31.9	3,794	0.7	737	614,057	284,652	46.5	342,257	55.7	12,905	2.1	2,390
25 to 34 years	990,210	248,107	26.6	624,003	63.0	17,458	1.9	2,848	916,189	169,847	18.2	699,967	76.4	42,646	4.7	5,850
35 to 44 years	766,420	82,931	10.7	563,066	83.2	26,135	3.9	2,852	649,376	67,800	10.5	511,436	78.8	65,305	10.1	4,053
45 years and over	1,017,771	88,655	8.7	816,619	80.2	126,580	12.4	4,051	952,427	82,773	8.7	560,171	58.8	304,184	31.9	3,652
Native white—Native parentage:																
15 years and over ² :	2,285,628	857,630	37.4	1,333,187	58.1	91,768	4.0	5,360	2,271,647	691,194	30.4	1,349,377	59.4	218,161	9.6	7,621
15 to 24 years	728,274	615,179	84.5	107,743	14.8	1,539	0.2	378	741,740	482,258	65.0	251,929	33.8	4,514	0.6	1,285
25 to 44 years	957,908	198,615	21.2	715,217	70.2	19,625	2.1	2,815	926,460	147,944	15.9	732,134	79.0	41,419	4.5	4,256
45 years and over	424,295	42,210	6.8	368,334	81.5	70,539	11.3	2,152	398,116	69,376	17.1	304,948	60.8	171,788	28.6	6,266
Native white—For. or mixed par.:																
15 years and over ² :	145,427	63,513	43.7	75,311	51.7	5,504	4.0	579	151,502	57,276	37.8	77,892	51.4	15,245	10.1	716
15 to 24 years	39,818	36,482	91.5	3,063	7.7	47	0.1	18	40,629	32,013	78.8	8,181	20.1	172	0.4	66
25 to 44 years	63,804	21,485	33.7	40,624	63.7	1,291	2.0	287	68,068	18,736	27.6	45,183	66.4	3,601	5.3	446
45 years and over	41,638	5,510	13.2	31,375	75.4	4,456	10.7	232	42,606	6,430	15.1	24,472	57.1	11,448	26.9	204
Foreign-born white:																
15 years and over ² :	163,476	54,050	33.1	98,714	60.4	9,418	5.8	391	108,652	18,208	16.9	70,996	65.3	18,812	17.3	316
15 to 24 years	29,352	25,227	85.9	3,926	13.4	41	0.1	14	17,547	9,304	53.0	8,079	46.8	8.6	0.5	2.1
25 to 44 years	78,240	22,891	29.3	53,765	68.7	1,218	1.6	154	47,962	5,773	12.0	39,665	82.8	2,263	4.7	181
45 years and over	55,149	5,709	10.4	40,892	74.1	8,141	14.8	821	42,947	3,165	7.4	23,151	53.9	16,434	38.3	1,144
Negro:																
15 years and over ² :	1,213,070	431,943	35.6	701,837	57.9	67,831	5.6	4,271	1,260,627	355,312	28.2	716,955	56.9	176,716	14.0	7,363
15 to 24 years	416,472	328,047	78.8	82,183	19.7	2,425	0.6	377	407,457	278,881	68.7	173,971	42.7	10,476	2.2	5,641
25 to 44 years	494,773	87,399	17.7	381,358	77.1	21,427	4.3	4,440	522,126	62,624	12.0	393,539	75.4	60,631	11.6	4,147
45 years and over	295,418	14,949	5.1	234,839	79.5	43,553	14.7	1,438	266,021	12,703	4.8	147,182	55.3	104,338	39.2	1,267
EAST SOUTH CENTRAL.																
All classes:																
15 years of age and over: ²	2,622,924	915,547	34.9	1,552,737	59.2	133,432	5.1	12,796	2,586,311	894,210	26.8	1,559,716	60.3	306,378	11.8	21,612
1910	2,288,793	882,591	38.6	1,262,612	55.0	110,485	4.8	6,611	2,263,258	676,726	29.9	1,282,274	56.7	287,463	12.7	13,696
1900																
15 to 19 years	499,105	435,288	96.9	11,214	2.5	254	0.1	87	415,947	365,890	80.3	34,491	18.5	2,674	0.6	892
20 to 24 years	391,932	381,243	97.1	141,218	36.0	4,275	1.1	342	422,195	154,128	36.5	250,942	59.4	12,420	2.9	3,821
25 to 34 years	612,192	146,258	23.9	444,822	72.7	16,006	2.6	3,831	629,084	95,741	15.2	430,091	77.9	35,073	6.6	7,304
35 to 44 years	952,399	47,929	10.6	380,437	84.1	23,704	4.5	3,155	449,000	37,198	8.4	351,553	79.9	48,213	10.5	4,726
45 years and over	708,631	40,206	5.7	571,221	80.6	91,508	13.0	4,302	631,685	39,722	6.3	379,264	60.0	207,882	32.8	4,257
Native white—Native parentage:																
15 years and over ² :	1,683,289	598,097	35.5	1,002,890	59.6	72,201	4.3	5,464	1,432,857	450,893	27.6	1,012,471	62.0	158,100	9.7	8,227
15 to 24 years	546,571	447,710	81.1	94,337	17.3	1,837	0.3	607	555,562	335,675	60.4	211,869	38.1	4,670	0.8	1,797
25 to 44 years	678,837	123,113	18.1	535,900	78.9	16,047	2.5	2,752	656,566	85,438	12.9	541,817	81.5	32,300	4	

MARITAL CONDITION.

159

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER FOR THE UNITED STATES AND DIVISIONS: 1910—Continued.

Table 32—Continued. DIVISION, CLASS OF POPULATION, AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.							FEMALES 15 YEARS OF AGE AND OVER.								
	Total ¹ .	Single.		Married.		Widowed.		Di- vorced.	Total ¹ .	Single.		Married.		Widowed.		Di- vorced.
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.			Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	
WEST SOUTH CENTRAL.																
All classes:																
15 years of age and over: ²	2,818,489	1,030,122	36.5	1,620,388	57.5	138,116	4.9	13,769	2,558,043	647,723	25.3	1,614,155	63.1	271,269	10.6	18,639
1910	2,004,276	756,284	39.2	1,105,620	55.1	95,847	4.9	6,931	1,829,501	493,720	27.0	1,100,267	60.1	220,540	12.1	11,411
1910																
15 to 19 years.....	471,669	459,063	97.3	8,576	1.8	225	(2)	63	475,118	378,736	79.7	89,685	18.9	2,901	0.6	796
20 to 24 years.....	430,918	283,027	65.7	140,003	32.5	4,056	0.9	1,201	434,844	146,296	33.6	272,043	62.6	11,840	2.7	3,439
25 to 34 years.....	695,116	180,806	26.1	488,329	70.5	17,271	2.5	3,670	650,256	177,238	11.9	532,821	81.9	32,530	5.1	6,548
35 to 44 years.....	593,198	58,022	11.5	417,320	82.9	23,944	4.7	3,358	436,881	23,508	5.5	409,871	93.7	42,940	9.8	4,045
45 years and over.....	707,783	46,004	6.5	561,971	79.4	93,393	13.2	5,121	555,632	20,282	3.7	351,174	63.2	179,517	32.3	3,729
Native white—Native parentage:																
15 years and over: ²	1,803,041	671,226	37.2	1,038,439	57.6	76,896	4.3	6,857	1,618,827	413,689	25.6	1,051,721	65.0	141,586	8.7	7,664
15 to 24 years.....	598,452	490,889	83.0	95,018	15.9	1,949	0.3	646	591,033	341,247	57.7	239,519	40.5	5,872	1.0	1,770
25 to 44 years.....	701,963	146,892	21.0	553,971	77.2	21,326	2.8	3,492	681,334	59,656	8.8	553,500	85.7	33,436	4.9	4,111
45 years and over.....	455,673	25,996	5.9	335,941	81.1	53,331	12.2	2,690	349,684	12,961	3.5	227,500	62.2	101,951	29.7	1,761
15 years and over: ²	104,643	85,357	83.9	10,720	11.7	6,920	3.6	847	182,903	61,052	33.4	104,920	57.4	15,439	8.4	1,011
15 to 24 years.....	63,718	56,182	88.1	6,965	10.9	120	0.2	37	64,215	44,481	69.3	18,830	29.3	427	0.7	174
25 to 44 years.....	86,775	23,997	27.7	59,998	69.1	2,087	2.4	461	82,506	15,568	16.4	63,510	77.0	4,096	5.7	616
45 years and over.....	43,555	5,097	11.6	33,623	76.7	4,699	10.7	346	35,909	2,931	8.2	22,455	62.1	10,259	23.6	216
Foreign-born white:																
15 years and over: ²	185,592	53,711	28.9	116,799	62.9	13,273	7.2	845	129,823	18,328	14.1	87,633	67.5	22,852	17.6	659
15 to 24 years.....	28,249	23,258	82.3	4,549	16.1	111	0.4	20	22,157	10,929	49.3	10,774	48.6	266	1.2	73
25 to 44 years.....	78,407	17,374	22.7	54,004	68.9	2,043	2.6	286	55,027	5,190	9.4	45,870	83.4	3,571	6.3	315
45 years and over.....	78,124	8,443	10.8	57,898	74.1	11,046	14.1	538	52,144	2,117	4.1	30,728	58.9	15,922	30.3	267
Negro:																
15 years and over: ²	613,200	211,696	34.5	352,097	57.4	40,809	6.7	5,098	607,240	149,980	24.7	356,996	58.8	85,554	14.6	9,136
15 to 24 years.....	204,374	159,719	78.2	40,500	19.8	2,044	1.0	544	224,898	124,234	55.2	89,365	39.7	7,994	3.6	2,170
25 to 44 years.....	260,168	44,712	17.2	196,719	75.2	14,913	5.7	3,012	259,799	22,194	8.5	198,331	76.3	33,939	12.9	5,465
45 years and over.....	145,048	6,481	4.5	113,888	78.0	23,648	16.3	1,516	119,582	3,084	2.6	67,931	56.8	46,773	39.1	1,450
MOUNTAIN.																
All classes:																
15 years of age and over: ²	1,062,845	478,910	45.1	525,887	49.5	40,634	3.8	8,158	751,794	189,582	25.2	464,847	64.5	87,481	9.0	7,377
1910	655,270	310,065	47.3	307,920	47.0	27,166	4.1	3,842	457,435	115,137	25.2	292,622	64.0	44,009	9.8	3,861
1910																
15 to 19 years.....	121,587	119,613	98.4	1,030	0.8	225	(2)	21	113,653	97,397	85.7	15,039	13.2	1,094	0.2	165
20 to 24 years.....	250,518	125,433	50.7	28,487	18.3	375	0.2	265	114,793	46,384	40.4	66,016	57.5	1,118	1.0	847
25 to 34 years.....	292,758	153,629	52.5	152,660	52.2	3,152	1.1	1,636	200,997	29,384	14.7	163,065	81.3	5,318	2.7	2,883
35 to 44 years.....	213,886	52,798	24.7	151,473	70.8	8,098	3.1	2,256	145,790	6,464	6.5	107,389	7.1	1,389	1.1	1,887
45 years and over.....	271,611	45,551	16.8	190,973	70.3	30,247	11.1	3,950	174,494	6,469	3.7	115,907	66.3	50,212	28.7	2,078
Native white—Native parentage:																
15 years and over: ²	528,193	231,880	43.9	265,709	50.3	21,042	4.0	4,519	403,138	107,398	26.6	257,573	63.9	32,645	8.1	4,075
15 to 24 years.....	151,490	132,891	87.7	17,220	11.4	233	0.2	160	134,665	84,243	62.5	48,560	36.0	7,002	5.0	578
25 to 44 years.....	240,906	79,690	33.1	152,823	63.4	5,118	2.1	2,199	179,761	19,697	11.0	149,895	83.4	7,413	4.1	2,409
45 years and over.....	131,509	18,273	13.9	95,062	72.3	15,604	11.9	2,143	87,251	3,126	3.6	55,534	67.1	24,386	27.9	1,082
15 years and over: ²	212,435	107,427	50.6	96,937	45.6	5,657	2.7	1,605	179,157	59,434	33.2	107,443	60.5	10,311	5.7	1,933
15 to 24 years.....	69,327	62,716	90.6	6,078	8.8	52	0.1	59	65,971	46,136	70.0	18,881	28.6	281	0.4	248
25 to 44 years.....	101,692	36,502	35.9	62,184	61.1	1,871	1.8	868	86,140	11,852	13.8	69,830	80.5	3,722	4.4	1,012
45 years and over.....	41,128	8,102	19.7	28,584	69.4	3,713	9.0	677	26,857	1,352	5.0	19,100	71.1	6,052	25.5	530
Foreign-born white:																
15 years and over: ²	273,805	118,841	43.4	139,284	50.9	11,950	4.2	1,600	139,211	17,348	12.5	100,126	71.9	20,339	14.6	1,076
15 to 24 years.....	45,117	40,210	89.1	4,575	10.1	12	0.1	29	19,264	9,219	47.9	9,745	50.6	154	0.8	38
25 to 44 years.....	140,880	61,274	43.6	78,522	55.8	2,147	1.5	571	67,199	6,204	9.4	56,934	84.7	3,378	5.0	630
45 years and over.....	85,855	16,886	19.7	58,349	68.0	9,354	10.9	991	52,992	1,777	3.4	33,338	63.5	16,832	32.0	506
Negro:																
15 years and over: ²	9,819	4,208	43.9	4,673	47.6	574	5.8	179	7,650	1,718	22.5	4,333	56.6	1,341	17.5	224
15 to 24 years.....	1,849	1,571	85.0	255	13.8	7	0.4	8	1,899	1,021	54.0	752	40.2	50	2.7	39
25 to 44 years.....	5,549	2,214	39.9	2,970	53.3	215	3.9	112	4,169	593	14.2	2,811	67.4	602	14.4	146
45 years and over.....	2,332	497	21.3	1,419	60.8	349	15.0	57	1,566	92	5.9	751	48.0	682	43.6	39
PACIFIC.																
All classes:																
15 years of age and over: ²	1,849,585	866,579	46.9	864,661	46.7	77,290	4.2	18,802	1,324,777	363,457	27.4	802,002	60.5	140,049	10.6	18,617
1910	1,016,733	498,139	49.0	454,177	44.7	46,269	4.6	6,927	726,094	215,796	29.7	422,178	58.1	79,930	11.0	6,582
1910																
15 to 19 years.....	158,821	153,882	99.0	1,004	0.5	21	(2)	11	170,609	152,951	89.7	16,613	9.7	172	0.1	163
20 to 24 years.....	243,827	205,620	84.3	35,461	14.5	431	0.2	393	182,750	89,973	49.2	89,619	49.0	1,367	0.7	1,454
25 to 34 years.....	495,149	258,149	52.1	224,348	45.2	4,786	1.0	3,624	338,917	71,834	21.2	252,949	74.6	8,333	2.6	4,987
35 to 44 years.....	376,339	111,083	29.7	245,512	65.2	11,083	2.9	5,267	263,196	22,204	8.4	107,910	41.0	6,246	4.5	1,349
45 years and over.....	534,498	104,011	19.5	356,995	66.8	60,799	11.4	9,220	365,890	20,287	5.5	229,970	62.9	110,493	30.2	4,846
Native white—Native parentage:																
15 years and over: ²	828,595	363,117	43.8	407,521	49.2	38,225	4.4	10,244	668,799	184,921	27.6	404,166	60.4	68,678	10.2	9,500
15 to 24 years.....	213,368	190,964	89.5	20,645	9.7	230	0.1	232	192,359	130,679	67.9	59,268	30.8	872	0.5	998
25 to 44 years.....	379,498	137,290	36.9	220,409	59.2	7,631	2.0	5,084	292,049	44,520	15.2	228,228	78.1	13,206	4.6	5,767
45 years and over.....	234,712	33,443	14.2	165,700	70.6	28,757	12.3	4,898	182,337	9,222	5.1	115,928	63.7	54,339	29.8	2,713
15 years and over: ²	369,536	199,994	54.1	153,806	41.6	10,966	3.0	3,893	339,195	127,634	37.6	183,883				

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER, BY STATES: 1910.

Table 33 DIVISION, STATE, AND CLASS OF POPULATION.	MALES 15 YEARS OF AGE AND OVER.							FEMALES 15 YEARS OF AGE AND OVER.								
	Single.		Married.		Widowed.		Di- vorced.	Total. ¹	Single.		Married.		Widowed.		Di- vorced.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.			Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		
NEW ENGLAND.																
Maine	274,942	95,261	34.6	158,941	57.8	17,631	6.4	2,636	264,363	72,543	27.4	156,535	59.2	32,444	12.2	2,490
Native white—Native parentage.....	184,306	59,313	32.2	109,418	59.4	13,063	7.1	1,146	181,052	49,661	27.4	107,319	59.3	24,475	12.5	2,048
Native white—Foreign or mixed par.....	36,109	18,874	51.7	15,866	43.9	1,302	3.6	226	34,862	15,108	43.3	17,062	48.9	2,442	7.0	202
Foreign-born white.....	53,515	16,877	31.5	33,174	62.0	3,096	5.8	252	47,659	10,208	21.4	31,750	66.6	5,416	11.4	226
Negro.....	554	250	45.1	249	44.9	46	8.3	9	495	192	38.8	217	43.8	74	14.9	11
New Hampshire	159,970	57,073	35.7	91,064	56.9	9,820	6.1	1,598	157,877	46,908	29.7	89,357	56.6	16,838	12.6	1,507
Native white—Native parentage.....	87,153	26,584	30.5	52,419	60.1	6,968	7.7	1,235	88,666	23,179	26.1	50,467	56.9	13,752	15.5	1,156
Native white—Foreign or mixed par.....	28,033	14,017	55.6	10,240	40.6	729	2.9	182	26,566	12,948	48.7	12,021	45.2	1,382	5.2	166
Foreign-born white.....	47,286	16,348	34.6	28,246	59.7	2,412	5.1	177	42,386	10,633	25.2	26,765	63.1	4,696	11.1	183
Negro.....	229	95	41.5	111	48.5	18	7.9	4	211	84	39.8	97	46.0	26	12.3	1
Vermont	132,793	45,567	34.3	77,671	58.5	8,281	6.2	1,141	124,864	32,963	26.4	75,601	60.6	15,215	12.2	990
Native white—Native parentage.....	81,917	27,295	33.3	48,153	58.8	5,539	6.8	851	79,789	21,144	26.5	47,408	59.6	10,330	13.0	748
Native white—Foreign or mixed par.....	23,832	9,914	41.6	12,752	53.5	997	4.2	154	24,689	8,426	34.1	14,155	57.3	1,955	7.9	150
Foreign-born white.....	25,971	7,854	29.2	16,510	63.6	1,717	6.6	121	19,988	3,308	16.5	13,713	68.6	2,880	14.4	84
Negro.....	1,054	768	72.6	248	23.5	27	2.6	14	320	84	26.3	199	62.2	29	9.1	8
Massachusetts	1,197,828	479,046	40.0	655,740	54.7	58,800	4.7	4,331	1,259,896	465,040	36.9	644,531	51.2	143,519	11.4	5,968
Native white—Native parentage.....	388,440	140,370	36.1	221,584	57.0	23,076	5.9	2,503	418,954	148,497	35.4	206,461	49.3	60,210	14.4	3,487
Native white—Foreign or mixed par.....	298,033	174,172	58.4	115,191	38.7	7,548	2.5	878	329,011	178,439	54.2	131,046	39.8	13,162	5.5	1,077
Foreign-born white.....	494,256	157,136	31.8	310,195	62.8	25,379	5.1	859	497,089	133,251	26.8	299,648	60.3	62,623	12.6	1,229
Negro.....	14,237	5,941	41.7	7,391	51.9	753	5.3	87	14,576	4,783	32.8	7,232	49.6	2,447	16.8	100
Rhode Island	195,731	78,502	40.1	105,671	54.0	9,632	5.0	1,097	197,320	70,730	35.8	102,835	52.2	21,521	10.9	1,577
Native white—Native parentage.....	57,503	21,915	38.1	31,218	54.3	3,541	6.2	603	58,123	20,029	34.5	29,001	50.1	7,929	13.6	840
Native white—Foreign or mixed par.....	50,688	29,371	58.6	18,940	37.8	1,383	2.8	235	54,197	29,977	55.5	21,965	40.5	2,822	5.2	314
Foreign-born white.....	84,260	25,641	30.4	53,469	63.5	4,687	5.6	226	81,202	20,676	25.3	50,092	61.6	10,759	12.4	369
Negro.....	3,510	1,404	40.0	1,860	53.0	208	5.9	32	3,689	1,108	30.0	1,841	49.9	673	18.2	53
Connecticut	406,098	160,274	39.3	225,773	55.3	19,733	4.8	1,380	397,656	133,656	33.6	217,302	54.6	44,541	11.2	1,819
Native white—Native parentage.....	140,456	50,855	36.2	79,698	56.7	8,733	6.2	857	146,409	48,878	33.4	75,548	51.8	20,466	14.0	975
Native white—Foreign or mixed par.....	94,444	54,309	57.7	37,173	39.4	2,322	2.5	296	105,012	62,847	60.0	44,179	42.9	5,528	5.2	306
Foreign-born white.....	167,269	52,660	31.5	105,732	63.2	8,220	4.9	255	142,182	30,046	21.1	94,184	66.2	17,444	12.3	275
Negro.....	5,371	1,890	35.2	3,034	56.5	402	7.5	31	5,983	1,870	31.3	3,055	51.1	936	15.6	63
MIDDLE ATLANTIC.																
New York	3,333,279	1,327,337	39.8	1,840,960	55.2	145,844	4.4	7,436	3,291,714	1,109,671	33.7	1,793,586	54.6	373,190	11.3	10,227
Native white—Native parentage.....	1,096,881	438,734	40.0	592,718	54.0	54,712	5.0	3,784	1,121,755	357,612	34.5	597,958	53.3	121,138	11.5	4,950
Native white—Foreign or mixed par.....	840,414	433,787	51.6	377,570	44.9	25,721	3.1	1,692	909,619	498,960	55.0	426,516	46.9	70,420	7.7	2,247
Foreign-born white.....	1,636,493	428,955	26.2	1,040,237	62.9	62,605	4.7	7,775	1,201,766	294,996	24.5	739,251	61.5	164,167	13.7	1,860
Negro.....	51,428	21,151	41.1	27,435	53.3	2,533	4.9	164	56,485	18,268	32.3	28,577	50.6	9,203	16.3	292
New Jersey	914,768	346,844	37.9	524,166	57.3	39,612	4.4	1,552	848,843	279,432	31.6	506,965	59.3	74,289	10.7	1,884
Native white—Native parentage.....	339,326	127,941	37.7	192,963	56.9	16,361	4.8	824	345,032	115,679	33.2	192,633	55.3	37,923	10.9	1,040
Native white—Foreign or mixed par.....	205,558	106,680	51.9	92,299	44.9	5,779	2.8	296	220,250	98,627	44.8	106,193	48.2	14,492	6.6	401
Foreign-born white.....	335,718	98,989	29.5	219,719	64.3	15,882	4.7	343	281,245	54,789	19.5	188,853	67.1	36,757	13.1	1,319
Negro.....	32,891	12,228	37.2	16,649	56.8	1,775	5.4	88	34,868	10,302	29.5	19,256	55.2	5,112	14.7	104
Pennsylvania	2,749,550	1,056,327	38.4	1,466,397	56.6	117,728	4.3	7,138	2,546,633	800,392	31.4	1,473,463	57.9	259,641	10.2	8,604
Native white—Native parentage.....	1,380,473	521,643	37.8	796,799	57.0	63,693	4.6	4,754	1,417,123	408,966	33.1	801,976	56.6	137,761	9.7	5,856
Native white—Foreign or mixed par.....	486,375	241,133	49.6	229,574	46.8	15,962	6.3	1,220	576,281	221,434	38.3	249,981	48.5	49,551	7.9	1,531
Foreign-born white.....	807,374	262,193	32.6	506,965	62.8	33,737	4.2	911	541,500	87,476	16.2	382,012	70.5	70,528	13.0	380
Negro.....	72,613	28,158	38.9	39,439	54.3	4,365	6.0	248	73,673	22,166	30.1	40,156	54.5	10,769	14.6	330
EAST NORTH CENTRAL.																
Ohio	1,755,663	634,137	36.1	1,022,124	58.2	83,738	4.8	10,994	1,667,462	481,784	28.9	991,870	59.5	178,798	10.7	12,386
Native white—Native parentage.....	1,026,164	379,346	37.0	588,245	57.4	47,683	4.6	6,921	1,016,202	307,988	30.3	600,780	59.9	107,584	9.6	8,274
Native white—Foreign or mixed par.....	354,009	185,585	52.4	129,578	36.4	12,467	3.5	1,971	376,287	192,808	51.3	208,993	55.5	31,623	8.4	2,487
Foreign-born white.....	329,952	91,665	27.6	216,239	65.5	20,412	6.2	1,144	234,883	30,763	13.1	159,425	67.9	43,448	18.5	1,061
Negro.....	44,894	17,074	37.6	23,210	51.7	3,162	7.0	558	40,052	10,590	26.5	22,641	56.5	6,138	15.3	564
Indiana	975,564	343,108	34.0	585,360	59.8	49,604	5.1	7,865	925,273	242,126	26.2	576,524	62.3	96,210	10.4	4,478
Native white—Native parentage.....	726,448	239,382	34.3	483,233	59.6	35,339	4.9	4,044	707,629	187,713	26.5	443,992	62.7	67,741	9.6	6,675
Native white—Foreign or mixed par.....	134,958	88,662	65.1	19,670	59.0	5,342	4.0	942	136,664	43,044	31.5	80,784	59.1	11,562	8.5	1,010
Foreign-born white.....	95,911	25,762	27.4	60,006	63.9	6,939	7.4	459	59,077	6,105	10.3	49,849	66.9	13,046	22.1	305
Negro.....	23,848	9,045	37.9	12,327	51.7	1,969	8.3	418	21,518	5,238	24.0	10,294	55.9	3,851	17.7	487
Illinois	2,071,223	813,770	39.3	1,143,793	55.2	86,977	4.2	11,008	1,901,556	577,197	30.4	1,113,992	58.6	191,345	10.1	13,172
Native white—Native parentage.....	1,390,473	531,991	38.0	404,248	54.6	36,580	4.3	5,740	810,929	251,523	31.0	471,887	58.2	77,633	9.6	6,273
Native white—Foreign or mixed par.....	530,754	269,592	50.8	244,414	46.1	12,241	2.3	2,322	551,404	224,590	42.5	281,000	51.0	30,759	5.6	5,279
Foreign-born white.....	642,776	193,323	30.1	410,953	63.9	33,998	5.3	3,227	499,129	82,172	16.5	317,898	67.7	75,706	15.2	4,729
Negro.....	45,109	17,411	38.6	23,361	51.7	3,232	7.2	635	39,961	8,860	22.2	23,051	57.7	7,172	17.9	600
Michigan	1,033,089	373,079	36.1	602,102	58.3	47,409	4.6	7,478	944,663	256,062	27.1	587,253	62.2	92,49		

MARITAL CONDITION.

161

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER, BY STATES: 1910—Continued.

Table 33—Continued.

DIVISION, STATE, AND CLASS OF POPULATION.	MALES 15 YEARS OF AGE AND OVER.						FEMALES 15 YEARS OF AGE AND OVER.								
	Single.		Married.		Widowed.		Di- voiced.	Single.		Married.		Widowed.		Di- voiced.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		
WEST NORTH CENTRAL—Contd.	Total¹						Total¹								
Iowa.	800,459	308,673	38.6	447,132	55.9	35,574	4.4	4,851	737,250	219,845	29.8	442,589	80.0	87,423	8.7
Native white—Native parentage.	416,633	162,344	39.0	231,138	55.5	17,588	4.2	2,010	399,220	123,227	30.9	235,540	59.2	34,790	8.1
Native white—Foreign or mixed par.	223,805	106,833	47.3	110,941	49.6	5,176	2.3	952	221,535	84,468	38.1	124,705	56.0	10,947	4.8
Foreign-born white.	153,433	37,907	24.7	101,522	66.2	12,357	8.0	786	112,445	11,017	9.8	79,237	70.3	21,393	19.0
Negro.	6,222	2,330	37.6	3,221	51.8	674	10.8	143	4,943	1,112	22.3	3,808	76.9	671	13.7
Missouri.	1,171,324	435,219	37.2	685,393	58.9	68,518	5.8	7,020	1,099,015	308,184	28.0	680,819	61.0	118,472	10.8
Native white—Native parentage.	784,027	294,518	37.6	444,874	56.7	33,134	4.2	4,543	744,906	211,271	28.4	456,641	61.3	69,012	9.3
Native white—Foreign or mixed par.	127,943	63,882	49.7	107,500	54.3	6,324	3.2	1,119	204,184	70,326	34.4	115,004	56.0	16,947	8.3
Foreign-born white.	193,463	83,235	42.6	81,537	64.2	10,229	5.0	614	92,253	12,008	13.0	57,459	62.3	22,039	23.9
Negro.	61,945	25,907	41.8	34,714	56.1	4,627	7.4	543	41,240	24,7	61.3	14,533	35.5	18.3	957
North Dakota.	210,122	99,659	46.9	102,880	48.8	6,091	2.9	684	155,148	48,528	30.2	96,370	61.4	8,133	5.2
Native white—Native parentage.	104,869	25,375	24.2	52,884	50.4	1,273	1.2	239	88,233	24,120	27.3	54,820	62.1	1,940	3.5
Native white—Foreign or mixed par.	68,397	41,731	61.0	24,644	36.0	921	1.3	168	56,972	26,018	45.7	29,017	51.1	1,072	1.9
Foreign-born white.	86,403	30,643	35.3	51,207	59.3	3,647	4.1	247	57,882	8,619	14.9	43,122	75.7	5,014	8.7
Negro.	331	190	57.4	107	32.3	15	4.5	5	185	56	30.3	106	57.3	16	6.7
South Dakota.	216,201	99,007	45.8	108,368	50.4	7,856	3.6	1,189	188,244	49,274	26.3	106,943	56.9	11,137	8.6
Native white—Native parentage.	107,597	39,373	36.6	59,470	55.3	2,723	2.5	392	62,582	19,243	30.8	38,748	61.9	3,771	6.0
Native white—Foreign or mixed par.	70,096	39,023	55.7	29,976	41.3	1,260	1.8	267	60,361	23,404	38.3	33,666	55.8	1,721	2.9
Foreign-born white.	57,481	17,569	30.6	35,820	62.3	3,350	5.8	263	38,809	4,392	11.3	29,757	75.4	4,844	12.5
Negro.	373	170	45.6	176	47.2	21	5.6	6	272	70	25.2	152	58.0	27	10.3
Nebraska.	430,112	176,075	40.9	233,273	54.2	18,353	3.8	2,396	372,138	109,278	29.4	230,441	61.9	28,890	7.8
Native white—Native parentage.	209,222	85,405	40.8	113,379	54.2	7,727	3.7	1,403	186,513	55,378	29.7	115,289	61.8	13,561	7.4
Native white—Foreign or mixed par.	112,011	62,318	55.6	51,708	46.2	2,116	1.8	432	110,447	45,854	41.5	59,686	54.0	4,001	3.6
Foreign-born white.	95,535	25,871	26.3	65,633	66.6	6,197	6.5	481	71,348	7,163	10.0	53,128	74.5	10,374	14.8
Negro.	3,541	1,541	43.5	1,702	48.1	237	6.7	54	2,746	643	23.4	1,627	59.2	447	15.2
Kansas.	614,015	229,804	37.4	348,916	56.8	27,858	4.5	3,943	539,238	143,352	26.6	343,520	63.7	47,021	8.7
Native white—Native parentage.	409,522	153,290	37.4	233,531	57.0	17,476	4.3	2,704	372,063	99,335	26.7	238,530	64.1	30,286	2.1
Native white—Foreign or mixed par.	184,496	92,307	50.0	89,389	48.5	5,678	3.0	739	164,533	64,554	39.3	55,878	5.0	5,077	4.7
Foreign-born white.	78,073	19,913	25.5	51,390	65.8	5,638	7.2	425	51,142	4,511	8.8	37,558	73.4	8,707	17.0
Negro.	20,877	7,711	36.9	11,166	53.5	1,554	7.4	312	18,694	4,551	24.3	10,863	58.1	2,908	15.6
SOUTH ATLANTIC.															
Delaware.	73,896	28,027	37.9	41,451	56.1	3,752	5.1	184	63,874	20,576	32.4	40,918	63.8	7,720	11.4
Native white—Native parentage.	45,905	16,516	36.0	29,344	58.0	2,145	4.7	124	44,332	14,243	32.1	29,431	65.6	4,750	10.1
Native white—Foreign or mixed par.	7,963	3,907	49.1	3,720	46.7	250	3.1	20	8,251	3,324	40.3	4,166	50.5	696	8.4
Foreign-born white.	9,480	3,061	32.3	5,759	60.7	566	6.0	9	7,061	1,199	17.0	4,738	67.1	1,101	15.6
Negro.	11,013	4,518	41.0	5,021	51.0	791	7.2	34	10,222	3,145	30.8	5,579	54.6	6,422	13.9
Maryland.	449,299	171,025	38.1	246,177	54.8	22,100	5.0	1,498	452,046	149,842	33.1	247,837	54.8	8,182	11.6
Native white—Native parentage.	219,419	81,373	37.1	137,470	57.4	7,723	3.4	832	227,544	70,243	30.8	139,748	61.6	6,466	9.0
Native white—Foreign or mixed par.	63,327	27,337	43.2	33,315	52.6	2,330	3.7	253	68,725	26,781	39.0	36,013	50.9	4,696	9.5
Foreign-born white.	51,194	12,928	25.3	34,518	67.4	4,317	8.9	126	46,760	8,269	17.7	24,476	63.0	8,833	18.9
Negro.	77,191	30,141	39.0	41,495	53.8	5,090	6.6	264	78,668	24,469	31.1	42,007	54.2	11,103	14.1
District of Columbia.	119,832	48,164	40.2	64,432	53.8	6,253	5.2	535	134,007	46,474	34.5	65,688	48.2	21,152	15.7
Native white—Native parentage.	58,650	24,382	41.6	31,052	53.0	2,661	4.5	247	64,779	23,503	36.3	31,333	48.8	9,002	13.9
Native white—Foreign or mixed par.	15,277	7,294	47.8	7,466	49.6	414	27.1	33	11,394	6,411	56.4	5,796	49.5	1,159	10.2
Foreign-born white.	12,344	4,162	33.7	7,116	57.6	989	8.0	34	10,886	2,605	23.9	5,930	54.5	2,202	40.3
Negro.	32,156	12,132	37.7	17,863	55.6	1,880	5.8	183	40,597	13,433	33.1	19,665	47.0	7,665	18.9
Virginia.	650,073	250,218	38.5	364,751	56.1	31,628	4.9	1,750	648,661	205,232	31.6	366,488	56.5	73,120	11.3
Native white—Native parentage.	371,922	139,442	37.5	239,241	57.1	17,985	4.3	1,069	416,873	132,248	31.7	241,938	58.0	40,408	9.7
Native white—Foreign or mixed par.	15,001	6,078	40.8	6,183	47.6	616	4.1	33	11,622	4,994	43.0	6,624	57.6	1,159	10.2
Foreign-born white.	118,591	5,193	32.7	9,457	59.5	1,169	2.4	35	89,700	1,376	1.5	6,278	69.9	296	4.4
Negro.	202,055	79,328	39.3	109,723	54.3	11,782	5.8	682	210,968	66,902	31.7	112,351	53.3	30,200	14.3
West Virginia.	416,171	161,746	38.9	236,044	56.7	15,211	3.7	1,431	358,824	99,881	28.0	225,611	63.3	28,278	7.9
Native white—Native parentage.	330,741	124,643	37.7	191,850	58.0	12,023	3.6	1,140	305,998	87,500	28.6	193,227	63.1	22,880	7.5
Native white—Foreign or mixed par.	18,796	7,287	38.8	10,642	56.6	722	3.9	63	18,489	6,208	33.6	10,474	56.6	1,685	9.1
Foreign-born white.	39,213	16,400	42.3	21,034	53.6	1,131	2.8	45	18,943	1,491	10.7	10,648	76.6	1,099	12.2
Negro.	27,317	13,144	48.1	12,487	45.7	1,330	4.9	182	18,184	4,617	25.4	11,304	62.2	2,011	11.1
North Carolina.	646,759	234,954	36.3	382,286	59.1	26,543	4.1	999	658,872	207,615	31.2	386,528	58.0	68,302	10.3
Native white—Native parentage.	446,127	162,390	36.4	265,375	59.5	16,652	3.7	555	449,833	138,634	30.8	267,545	59.5	41,772	9.3
Native white—Foreign or mixed par.	2,820	1,157	41.0	1,530	54.3	117	4.1	3	2,848	1,105	38.3	1,426	50.0	301	10.6
Foreign-born white.	3,546	1,136	32.0	2,207	62.2	184	5.2	8	1,986	622	31.4	1,384	69.7	271	13.6
Negro.	191,986	69,483	36.2	111,770	58.2	9,514	5.0	427	208,998	66,965	32.0	114,810	54.9	25,765	12.3
South Carolina.	434,458	154,312	35.6	259,205	59.7	18,988	4.4	401	451,237	130,808	29.0	263,611	58.4	54,714	12.1
Native white—Native parentage.	201,725	75,845	37.6	117,508	58.3	7,658	3.8	121	200,121	60,586	30.3	119,014	59.5	19,909	9.9
Native white—Foreign or mixed par.	4,013	1,731	43.1	2,070	51.6	185	4.6	4	4,171	1,665	39.9	1,917	46.0	570	13.7
Foreign-born white.	3,568	1,210	33.9	2,070	58.0	255	7.1	5	1,188	358	30.3	1,296	59.0	533	24.2
Negro.	225,620	77,483	34.3	137,748	60.8	10,880	4.8	279	68,880	27,491	39.9	34,629	50.2	33,694	15.8

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER, BY STATES: 1910—Continued.

Table 33—Continued.

DIVISION, STATE, AND CLASS OF POPULATION.	MALES 15 YEARS OF AGE AND OVER.								FEMALES 15 YEARS OF AGE AND OVER.							
	Single.		Married.		Widowed.		Di- voiced.	Total ¹	Single.		Married.		Widowed.		Di- voiced.	Total ¹
	Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.			Num- ber.	Per- cent.	Num- ber.	Per- cent.	Num- ber.	Per- cent.		
EAST SOUTH CENTRAL—Contd.																
Alabama	644,390	222,125	34.6	386,415	60.0	31,463	4.9	2,828	643,989	169,126	26.3	368,191	60.3	80,137	12.4	5,513
Native white—Native parentage.....	123,626	35.4	225,625	49.2	13,246	3.7	735	34,495	94,334	27.4	215,489	62.4	34,688	9.9	1,226	
Native white—Foreign or mixed par.....	10,477	4.28	5,506	52.6	424	4.0	41	10,606	3,689	34.8	5,990	57.7	1,248	11.7	47	
Foreign-born white.....	11,174	3.84	7,149	64.0	683	6.1	41	6,539	778	11.6	4,658	71.2	1,088	16.6	17	
Negro.....	269,025	88,577	32.9	160,594	59.7	17,101	6.4	2,011	281,202	70,496	25.1	162,347	57.7	43,684	15.5	4,466
Mississippi	639,452	188,076	34.3	311,009	69.6	27,979	5.2	2,874	633,814	136,722	25.6	323,920	80.7	86,661	12.5	6,222
Native white—Native parentage.....	222,151	84,893	37.0	134,213	58.6	8,746	3.8	520	220,470	61,894	28.1	135,663	61.5	21,682	9.8	706
Native white—Foreign or mixed par.....	7,650	5,796	39.1	3,919	55.6	330	4.7	31	7,135	2,334	32.7	3,822	53.6	964	13.1	24
Foreign-born white.....	5,564	1,548	27.8	3,374	64.2	413	7.4	11	3,116	418	13.4	2,015	64.7	679	21.4	2
Negro.....	297,064	95,632	32.2	178,953	60.3	18,447	6.2	2,319	302,768	72,021	23.8	182,200	60.2	43,328	14.3	3,371
WEST SOUTH CENTRAL.																
Arkansas	497,182	170,790	34.3	292,715	68.9	29,092	6.0	2,653	497,182	109,141	23.7	292,600	64.0	51,628	11.3	3,604
Native white—Native parentage.....	333,362	116,807	35.0	197,496	59.5	16,656	5.0	1,314	304,841	72,934	23.9	199,744	65.5	30,113	9.9	1,513
Native white—Foreign or mixed par.....	13,700	5,557	40.8	6,477	58.8	508	7.0	79	11,571	3,619	31.3	6,760	58.4	1,107	9.6	69
Foreign-born white.....	10,142	2,693	26.6	4,722	68.9	883	8.7	67	6,924	800	13.5	4,083	60.0	1,043	16.6	26
Negro.....	139,798	45,991	32.6	81,279	58.1	10,857	7.8	1,190	134,532	30,748	22.9	91,917	69.0	19,888	14.4	1,889
Louisiana	614,989	195,341	31.9	288,787	66.1	25,600	6.0	1,877	604,798	142,819	23.8	290,536	57.6	66,801	13.2	2,989
Native white—Native parentage.....	230,139	94,758	41.2	123,881	53.8	8,702	3.8	518	218,536	68,394	31.3	127,980	58.6	20,757	9.5	704
Native white—Foreign or mixed par.....	38,908	15,413	39.6	21,326	54.8	1,899	4.9	134	42,925	13,877	32.3	22,222	51.8	6,520	15.2	177
Foreign-born white.....	28,148	7,979	28.3	17,839	63.4	2,183	7.8	34	20,588	2,840	13.8	12,216	59.4	4,404	26.2	39
Negro.....	176,006	76,748	43.6	125,446	57.8	12,684	5.8	967	222,527	57,639	25.9	127,954	57.8	34,101	15.3	2,069
Oklahoma	653,028	197,510	30.7	321,850	68.2	26,662	4.8	1,151	458,381	100,265	21.9	317,450	69.3	38,128	7.9	2,863
Native white—Native parentage.....	428,100	153,496	35.9	250,348	58.5	19,142	4.5	2,236	357,827	78,479	21.9	250,735	69.0	25,745	7.2	1,940
Native white—Foreign or mixed par.....	34,625	13,724	39.6	19,088	55.1	1,383	4.0	204	28,161	7,589	26.9	18,745	66.5	1,685	5.6	140
Foreign-born white.....	28,148	7,979	28.3	17,839	63.4	2,183	7.8	34	20,588	2,840	13.8	12,216	59.4	4,404	26.2	39
Negro.....	45,671	16,170	35.4	25,345	65.5	3,428	7.5	460	39,275	8,564	21.8	29,136	60.1	4,871	12.4	535
Texas	1,253,272	488,662	37.2	717,027	67.2	67,862	4.8	2,778	1,138,840	296,420	26.0	710,569	62.7	116,712	10.2	9,293
Native white—Native parentage.....	811,440	300,165	37.7	466,714	57.5	32,386	4.0	2,799	737,623	193,882	26.3	473,622	64.2	64,971	8.8	3,507
Native white—Foreign or mixed par.....	107,410	50,683	47.2	52,940	49.3	2,957	2.8	430	100,246	35,967	35.9	57,193	57.1	6,227	6.2	625
Foreign-born white.....	122,601	35,948	29.3	76,976	62.8	8,554	7.0	565	89,814	13,570	15.1	60,289	67.5	14,853	16.6	525
Negro.....	210,725	79,787	37.4	130,027	57.0	13,930	6.6	2,481	210,903	53,027	25.1	121,958	57.9	30,899	14.6	4,623
MOUNTAIN.																
Montana	175,220	91,760	52.4	74,492	42.6	5,338	3.0	1,176	96,645	25,961	26.3	37,303	66.1	7,380	7.5	334
Native white—Native parentage.....	68,489	34,844	50.9	29,779	43.5	2,294	3.3	528	42,088	11,315	27.4	18,342	64.9	2,711	6.5	87
Native white—Foreign or mixed par.....	36,938	22,180	60.0	19,497	36.5	886	2.4	292	27,208	10,056	37.0	15,508	57.0	1,368	5.0	224
Foreign-born white.....	62,746	31,721	60.0	27,663	43.9	1,975	3.1	314	25,278	3,681	14.6	18,620	73.7	2,746	10.9	177
Negro.....	911	454	49.8	393	43.1	41	4.5	15	627	163	26.0	360	57.4	82	13.1	12
Idaho	130,950	69,761	49.5	64,043	49.2	4,407	3.4	943	86,866	21,476	24.7	68,904	67.8	2,999	6.4	567
Native white—Native parentage.....	71,524	31,796	44.5	39,727	55.6	2,488	3.5	513	51,757	17,700	34.5	34,943	66.7	5,663	5.8	337
Native white—Foreign or mixed par.....	49,787	13,531	48.9	13,409	48.3	624	3.6	164	48,129	6,946	29.7	41,463	86.1	4,864	13.7	81
Foreign-born white.....	27,341	12,305	45.3	13,388	49.0	1,171	4.3	154	11,696	1,042	8.9	9,066	77.5	1,488	12.7	82
Negro.....	350	179	51.1	142	40.6	17	4.9	10	209	61	29.2	113	54.1	30	14.4	3
Wyoming	71,730	40,383	56.3	28,498	39.7	2,042	2.8	500	35,006	8,226	23.5	24,199	69.1	2,058	6.2	340
Native white—Native parentage.....	35,658	19,652	55.1	14,439	40.5	1,095	3.1	304	19,437	4,791	24.7	13,346	68.7	1,164	6.2	191
Native white—Foreign or mixed par.....	17,836	7,448	41.8	7,597	42.6	503	2.8	80	16,328	8,107	49.7	7,829	48.1	1,068	6.5	74
Foreign-born white.....	19,496	10,801	55.4	8,001	41.0	549	2.8	80	6,442	704	10.9	5,103	79.2	583	9.1	42
Negro.....	1,408	988	70.2	364	25.9	29	2.1	16	560	152	27.1	306	54.6	76	13.6	26
Colorado	215,422	129,828	60.2	117,799	62.2	13,457	4.3	2,782	258,738	88,531	35.8	180,546	68.2	28,752	10.1	3,043
Native white—Native parentage.....	174,376	69,783	40.0	94,322	54.1	7,580	4.3	1,682	149,657	39,489	26.4	93,483	62.5	14,444	9.7	1,929
Native white—Foreign or mixed par.....	58,836	29,133	48.5	27,194	46.1	1,908	3.2	503	55,964	19,514	34.9	31,546	56.5	4,084	7.3	683
Foreign-born white.....	74,439	27,180	36.5	43,822	57.6	3,591	4.8	493	43,336	5,848	13.0	32,664	60.2	6,349	14.0	368
Negro.....	4,761	1,722	36.2	2,008	54.8	317	6.7	95	4,422	936	21.2	2,529	57.2	828	18.7	111
New Mexico	114,296	43,684	38.2	63,648	55.7	6,978	5.2	769	92,287	21,461	23.3	61,048	66.2	2,848	9.6	897
Native white—Native parentage.....	84,750	31,786	37.5	47,938	56.6	4,280	5.1	554	73,235	17,240	23.0	47,830	66.2	6,497	9.0	618
Native white—Foreign or mixed par.....	8,607	4,007	46.5	4,118	47.8	380	4.4	65	7,050	2,226	31.6	4,222	59.9	543	7.7	57
Foreign-born white.....	13,888	5,404	39.5	7,412	54.1	782	5.7	75	6,710	865	12.9	4,872	72.6	927	13.8	41
Negro.....	718	283	39.4	357	49.7	61	8.5	14	520	107	20.6	305	57.8	90	17.3	17
Arizona	86,388	30,106	45.8	40,708	47.7	3,723	4.4	861	64,182	12,036	22.2	35,601	67.7	5,688	10.5	633
Native white—Native parentage.....	33,022	15,351	46.5	15,354	46.5	1,416	4.3	313	31,377	5,121	24.0	14,187	66.4	1,742	8.1	133
Native white—Foreign or mixed par.....	13,251	7,127	53.8	3,999	40.7	448	3.4	117	10,102	3,201	32.3	6,085	60.2	625	6.2	66
Foreign-born white.....	27,976	13,070	45.0	15,352	48.9	1,388	4.9	115	13,025	2,038	15.6	9,192	69.8	1,117	15.6	74
Negro.....	827	313	37.8	434	52.5	54	6.5	16	734	107	14.8	402	54.8	141	19.2	22
Utah	126,697	61,890	49.0	68,608	64.2	3,686	2.9	730	108,011	30,083	27.9	66,265	61.3	9,949	9.2	918
Native white—Native parentage.....	43,748	20,226	46.2	21,079	48.2	1,061	2.5	271	37,861	13,506	35.7	21,078	55.7	2,497	6.6	304
Native white—Foreign or mixed par.....	44,436	18,830	42.4	24,494	55.1	1,701	1.6	214								

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER FOR THE URBAN AND RURAL POPULATION: 1910.

Table 34

CLASS OF POPULATION AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.								FEMALES 15 YEARS OF AGE AND OVER.							
	Total. ¹	Single.		Married.		Widowed.		Divorced.	Total. ¹	Single.		Married.		Widowed.		Divorced.
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.			Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	
ALL CLASSES.																
Urban communities:																
15 years and over.....	15,687,914	6,276,520	40.0	8,582,080	54.7	665,893	4.2	7,816	15,333,853	5,925,447	32.6	6,376,444	64.6	1,786,292	11.6	110,991
15 to 19 years.....	1,926,200	1,001,292	98.7	1,327	0.7	329	(7)	116	2,077,041	1,901,171	91.5	160,622	7.7	3,079	0.1	1,438
20 to 24 years.....	2,520,623	1,767,465	70.5	463,479	18.6	6,111	0.3	2,911	2,319,935	1,295,164	55.8	984,534	42.4	23,387	1.0	10,735
25 to 34 years.....	4,155,747	1,601,477	38.5	2,472,433	59.5	49,409	1.2	19,688	3,879,847	1,612,546	26.1	2,089,534	69.6	127,714	3.3	35,951
35 to 44 years.....	3,647,647	884,427	24.3	2,469,511	67.5	100,055	2.7	24,883	2,947,612	429,218	14.6	2,229,404	75.4	271,463	9.1	17,041
45 to 64 years.....	3,320,534	357,065	10.8	2,647,608	79.7	282,636	8.5	27,383	3,167,300	213,150	9.9	2,630,143	61.4	794,341	25.1	27,131
65 years and over.....	728,962	485,721	66.7	601,954	82.7	225,373	28.8	4,483	910,948	65,200	7.2	269,747	29.6	571,475	62.7	3,088
Age unknown.....	16,071	16,000	23.9	12,738	19.0	2,000	3.0	302	31,140	8,938	28.7	10,465	33.6	4,834	15.5	780
Rural communities:																
15 years and over.....	67,371,891	6,273,622	37.5	9,510,520	56.8	805,487	4.8	77,546	14,713,472	3,907,703	26.6	9,308,243	63.3	1,388,938	9.4	74,000
15 to 19 years.....	2,601,622	2,566,775	97.9	37,550	1.4	731	(3)	231	2,459,280	2,084,930	84.8	352,617	14.3	7,182	0.3	2,612
20 to 24 years.....	2,929,667	1,664,696	57.1	636,614	21.3	12,704	0.5	3,821	2,156,799	868,529	40.3	1,240,828	57.5	31,967	1.5	
25 to 34 years.....	3,745,369	1,166,480	31.1	2,492,336	66.5	61,022	1.6	15,483	3,571,225	504,150	15.2	2,745,089	81.4	96,613	2.9	21,073
35 to 44 years.....	4,927,719	445,075	9.1	4,405,612	81.0	95,066	3.3	48,666	2,556,709	199,288	7.8	2,187,906	85.6	150,456	5.9	17,041
45 to 64 years.....	3,842,738	365,036	9.5	3,124,622	81.3	316,066	8.2	30,844	3,093,427	186,416	6.0	2,353,354	76.1	530,497	17.1	20,013
65 years and over.....	1,203,914	74,601	6.2	801,814	66.6	315,683	26.1	8,692	1,052,600	58,933	5.6	417,894	39.7	569,863	54.1	3,815
Age unknown.....	47,372	13,359	28.2	14,572	30.8	2,633	5.6	270	23,472	5,756	24.5	10,555	45.1	4,160	17.7	200
NATIVE WHITE—NATIVE PARENTAGE.																
Urban communities:																
15 years and over.....	6,120,304	2,460,937	40.2	3,312,098	64.1	258,600	4.2	40,545	6,197,574	2,106,587	34.0	3,118,766	56.8	678,075	11.1	67,003
15 to 19 years.....	855,840	843,231	98.5	1,806	0.9	199	(3)	67	920,693	836,939	90.9	77,006	8.4	1,215	0.1	749
20 to 24 years.....	913,338	698,011	76.4	206,864	22.6	2,557	0.3	1,611	969,121	538,058	55.5	412,429	42.7	7,639	0.9	5,673
25 to 34 years.....	1,574,856	571,043	36.3	866,773	61.5	19,831	1.3	10,231	1,541,875	397,011	25.7	1,078,251	69.9	46,369	3.0	19,290
35 to 44 years.....	1,333,946	195,937	14.7	880,532	66.2	35,853	2.7	12,263	1,081,172	160,265	14.8	815,462	75.4	88,307	8.1	16,290
45 to 64 years.....	1,252,163	124,564	9.9	1,006,117	78.2	104,341	8.4	13,787	1,243,519	133,232	10.7	801,794	64.5	293,225	23.6	14,217
65 years and over.....	437,300	20,135	5.8	230,910	66.5	93,319	26.9	2,423	424,400	36,537	8.6	126,824	30.6	258,682	61.0	1,696
Age unknown.....	43,688	8,336	19.8	5,504	12.6	817	1.9	176	16,793	4,715	28.1	5,200	31.0	1,635	9.7	131
Rural communities:																
15 years and over.....	10,112,791	3,724,347	35.8	5,832,001	57.7	470,277	4.7	48,911	9,326,326	2,537,435	27.2	5,900,619	63.3	825,461	8.9	43,048
15 to 19 years.....	1,419,576	963,374	68.0	11,406	29.0	6,313	0.4	2,152	1,380,887	556,486	40.3	242,622	18.2	13,212	1.0	5,249
20 to 24 years.....	2,213,310	610,708	27.6	1,555,775	70.3	32,903	1.5	9,152	2,120,634	316,183	14.9	1,744,772	82.3	45,653	2.2	11,657
25 to 34 years.....	1,720,965	219,786	12.8	1,433,218	83.3	54,371	3.2	11,052	1,560,549	124,250	8.0	1,347,617	86.4	77,779	5.0	9,719
35 to 44 years.....	2,295,223	190,877	8.3	1,890,532	82.6	185,175	8.1	19,039	1,940,156	128,575	6.6	1,487,907	76.3	318,124	16.3	13,880
45 to 64 years.....	741,959	40,907	5.5	602,491	67.7	189,638	25.5	5,230	687,319	45,600	6.6	271,360	39.5	365,871	53.2	2,860
Age unknown.....	25,081	7,444	29.7	6,534	26.1	1,388	5.5	165	11,947	3,424	28.7	5,013	42.0	1,663	13.9	51
NATIVE WHITE—FOREIGN OR MIXED PARENTAGE.																
Urban communities:																
15 years and over.....	3,694,508	1,850,359	61.5	1,621,357	65.1	88,167	2.7	16,834	3,955,301	1,762,246	44.6	1,878,389	47.5	293,695	7.2	22,675
15 to 19 years.....	694,436	688,827	99.2	2,356	0.3	61	(7)	28	1,015,848	704,412	69.1	32,354	3.4	304	(3)	212
20 to 24 years.....	811,322	488,422	60.1	89,185	11.0	934	0.2	484	667,325	435,654	65.3	214,989	32.7	3,051	0.5	1,950
25 to 34 years.....	1,001,800	406,775	40.6	479,782	53.2	9,616	1.1	3,996	1,006,934	350,373	34.8	626,348	61.9	24,324	2.4	7,957
35 to 44 years.....	1,718,120	168,673	23.5	1,221,323	72.6	21,748	3.0	5,634	1,788,293	164,241	20.8	556,306	31.7	40,767	2.3	2,730
45 to 64 years.....	634,181	60,834	9.6	1,890,532	82.6	185,175	8.1	19,039	1,940,156	128,575	6.6	1,487,907	76.3	318,124	16.3	13,880
65 years and over.....	61,622	5,311	8.6	39,944	64.8	15,576	25.8	436	73,802	7,366	10.0	22,116	30.0	60,477	81.5	589
Age unknown.....	3,157	1,487	47.1	968	30.7	169	5.4	25	3,340	1,009	48.2	1,032	30.9	385	11.5	29
Rural communities:																
15 years and over.....	2,190,629	1,053,683	48.2	1,056,349	48.2	62,822	2.9	8,854	1,931,830	690,717	35.8	1,130,234	58.9	98,823	5.1	7,531
15 to 19 years.....	400,463	396,578	99.0	4,270	0.3	61	(7)	28	740,974	704,412	95.1	32,354	4.4	304	(3)	212
20 to 24 years.....	626,531	217,933	34.8	230,894	37.4	4,685	0.9	1,594	476,409	103,804	21.8	362,335	76.7	7,317	1.5	1,170
25 to 34 years.....	420,181	91,005	21.4	320,894	75.4	10,580	2.5	2,474	372,925	42,789	11.5	312,512	83.8	15,234	4.1	2,137
35 to 44 years.....	442,031	61,850	14.0	345,765	78.2	30,653	6.8	3,853	356,446	29,819	8.4	429,278	72.6	19,017	5.3	2,279
45 to 64 years.....	67,036	6,146	9.2	16,967	24.8	1,671	2.4	651	68,721	3,533	6.7	22,310	42.0	27,012	50.8	191
Age unknown.....	2,480	1,056	42.6	888	35.8	151	6.1	21	1,527	534	35.0	619	40.5	169	11.1	9
FOREIGN-BORN WHITE.																
Urban communities:																
15 years and over.....	4,943,900	1,566,245	31.7	3,100,003	62.7	244,944	5.0	14,185	4,112,236	860,659	20.9	2,628,402	63.9	601,642	14.6	15,856
15 to 19 years.....	206,263	256,726	124.6	2,035	0.8	43	(7)	17	271,574	238,710	87.9	31,151	11.5	253	0.1	932
20 to 24 years.....	1,033,223	477,964	46.3	1,217,631	29.2	888	0.1	254	308,702	242,057	77.7	261,727	51.4	4,518	0.5	703
25 to 34 years.....	1,894,979	517,143	27.4	847,068	44.3	10,417	0.5	2,231	1,023,072	203,521	19.9	792,399	77.4	42,290	2.2	4,114
35 to 44 years.....	1,112,341	174,954	15.7	930,388	81.7	27,297	2.5	3,960	872,986	84,197	9.6	719,762	82.2	65,880	7.5	4,475
45 to 64 years.....	1,237,979	114,666	9.3	1,013,667	81.9	101,234	8.2	6,304	1,061,050	70,463	6.6	712,635	67.1	272,410	25.7	5,413
65 years and over.....	365,830	20,871	6.2	209,274	62.1	104,638	31.1	1,389	370,068	19,583	5.3	111,417	30.1	190,917	52.0	3,979
Age unknown.....	16,064	3,961	24.7	2,865	28.5	470	4.4	364	4,784	1,488	31.1	1,831	38.3	1,024	21.4	90
Rural communities:																
15 years and over.....	2,185,903	702,671	32.0	1,332,132	60.7	139,742	6.4	8,876	1,334,070	133,451	10.0</					

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER IN CITIES OF 250,000 INHABITANTS OR MORE: 1910.

Table 35

CITY AND CLASS OF POPULATION.	MALES 15 YEARS OF AGE AND OVER.										FEMALES 15 YEARS OF AGE AND OVER.									
	Single.		Married.		Widowed.		Divorced.	Total 1.	Single.		Married.		Widowed.		Divorced.					
	Num-ber.	Per cent.	Num-ber.	Per cent.	Num-ber.	Per cent.			Num-ber.	Per cent.	Num-ber.	Per cent.	Num-ber.	Per cent.						
Baltimore, Md.	133,703	76,598	39.5	106,466	55.0	9,318	4.8	922	214,672	76,947	35.8	108,520	50.6	27,805	12.9	1,198				
Native white—Native parentage.	84,768	37,243	43.9	45,517	51.3	3,349	4.0	470	94,777	34,369	40.5	45,541	48.1	10,054	10.6	622				
Native white—Foreign or mixed par.	42,936	18,926	44.1	21,827	51.1	1,557	3.7	211	88,451	19,775	22.4	23,495	26.6	4,821	5.4	266				
Foreign-born white.	66,639	28,625	42.9	29,917	44.9	2,337	3.5	93	35,554	6,634	18.5	22,389	62.4	6,685	18.6	113				
Negro.	29,882	11,667	39.1	13,722	45.9	1,232	4.1	157	33,672	12,770	37.9	15,749	46.8	3,772	11.2	197				
Boston, Mass.	251,277	106,279	44.0	122,310	50.9	10,802	4.5	914	253,488	101,490	40.0	120,215	47.4	30,110	9.9	1,516				
Native white—Native parentage.	55,569	24,740	44.5	27,098	48.8	3,001	5.4	449	58,540	25,272	43.2	24,350	41.6	8,665	13.8	478				
Native white—Foreign or mixed par.	67,919	31,267	46.2	24,428	36.0	1,920	2.9	186	72,938	40,934	56.1	26,731	36.6	4,899	6.7	310				
Foreign-born white.	111,103	37,391	33.7	67,336	61.1	5,658	5.0	242	116,389	33,511	28.8	56,394	57.0	16,038	13.8	836				
Negro.	5,882	2,359	40.0	2,778	50.7	363	5.7	37	5,572	1,744	31.3	2,710	48.6	1,069	19.2	47				
Buffalo, N. Y.	152,794	65,132	41.8	82,284	54.5	5,684	3.7	306	151,215	62,939	39.0	81,424	53.8	16,112	10.7	456				
Native white—Native parentage.	38,596	18,716	48.5	18,363	47.5	1,170	3.0	122	38,314	16,731	43.7	18,049	45.1	3,213	8.4	112				
Native white—Foreign or mixed par.	53,524	27,664	51.7	21,319	45.4	1,359	2.5	90	59,517	26,567	44.6	28,284	47.5	4,407	7.4	116				
Foreign-born white.	59,787	16,354	27.4	40,178	67.2	3,101	5.2	85	52,665	9,387	17.8	34,718	65.9	8,381	15.9	117				
Negro.	794	362	45.8	366	46.3	53	6.7	8	696	223	32.0	363	52.2	107	15.4	1				
Chicago, Ill.	824,058	342,206	41.8	442,081	53.6	27,586	3.3	3,949	760,365	251,715	33.1	423,839	55.7	76,813	10.1	5,880				
Native white—Native parentage.	150,055	64,272	42.8	71,033	49.5	5,077	3.4	1,251	141,917	63,623	44.9	71,721	50.6	17,442	12.4	1,983				
Native white—Foreign or mixed par.	246,428	115,653	46.8	96,514	39.2	4,300	1.7	1,056	288,117	132,330	46.0	112,336	44.5	13,810	5.2	1,814				
Foreign-born white.	406,297	126,504	31.1	260,430	64.1	16,983	4.2	1,361	332,267	62,930	18.9	227,646	67.0	44,504	13.4	1,757				
Negro.	19,372	7,631	39.4	10,076	52.0	1,232	6.4	279	17,962	5,800	32.6	9,978	55.6	3,746	20.9	359				
Cincinnati, Ohio.	134,873	58,365	43.3	80,868	52.5	6,427	4.8	904	143,721	51,233	35.7	70,439	49.0	20,416	14.2	1,465				
Native white—Native parentage.	48,881	24,751	50.6	22,036	45.0	1,596	3.3	342	50,687	22,015	43.4	23,375	46.1	4,554	9.0	647				
Native white—Foreign or mixed par.	29,692	12,887	43.4	25,734	51.8	1,694	5.8	341	38,625	22,907	59.2	28,685	74.5	4,415	10.9	498				
Foreign-born white.	49,620	6,440	12.9	18,809	37.1	2,621	9.4	140	26,402	4,225	16.0	14,067	53.3	7,965	30.2	140				
Negro.	8,246	3,268	39.6	4,284	52.0	550	6.7	81	8,002	2,054	25.7	4,305	53.8	1,482	18.5	126				
Cleveland, Ohio.	208,923	79,854	38.2	121,055	57.9	6,534	3.1	910	191,747	58,100	30.3	113,234	59.1	18,835	9.8	1,347				
Native white—Native parentage.	43,754	17,935	41.0	27,765	54.3	1,339	3.1	298	47,692	15,265	35.8	22,679	53.1	4,186	9.3	384				
Native white—Foreign or mixed par.	54,671	28,204	52.7	24,007	44.1	1,047	2.0	208	62,000	24,117	38.9	22,600	45.3	4,430	7.3	430				
Foreign-born white.	102,008	28,450	27.9	69,154	67.8	4,019	3.9	307	89,533	12,469	15.0	57,031	70.8	10,629	13.2	866				
Negro.	3,630	1,350	37.2	2,017	55.6	194	5.3	53	3,361	819	24.4	1,965	58.5	513	15.3	61				
Detroit, Mich.	177,039	70,667	39.9	98,741	55.8	5,836	3.3	932	162,354	52,074	32.1	92,488	57.0	15,936	9.9	1,539				
Native white—Native parentage.	39,411	17,075	43.3	20,201	51.3	1,252	3.2	334	36,438	12,989	35.6	19,338	54.1	3,473	9.5	557				
Native white—Foreign or mixed par.	53,671	25,264	52.7	24,007	44.1	1,047	2.0	208	58,288	26,538	45.5	28,020	48.1	3,191	5.5	477				
Foreign-born white.	2,465	938	38.1	1,343	54.5	130	5.3	27	2,961	648	21.9	1,286	50.9	388	17.2	34				
Negro.	96,081	40,102	41.7	51,147	53.2	4,338	4.5	113	89,843	29,830	33.2	49,634	55.2	10,112	11.3	129				
Native white—Native parentage.	20,377	10,500	47.2	10,599	51.7	7	0.3	48	21,437	8,905	41.5	10,474	47.9	1,970	9.2	36				
Native white—Foreign or mixed par.	32,822	16,559	53.6	13,223	42.8	1,023	3.3	30	32,826	15,041	46.0	15,326	46.7	2,911	7.0	56				
Foreign-born white.	4,486	12,470	27.7	15,654	34.9	1,464	3.3	34	13,970	3,570	25.6	12,650	67.4	519	36.3	3				
Negro.	2,835	861	30.6	1,353	57.9	111	4.8	7	2,806	500	22.7	1,344	60.9	352	16.0	7				
Los Angeles, Cal.	130,536	51,101	39.5	71,807	50.5	5,559	4.3	1,443	124,328	35,307	28.4	70,635	56.8	16,544	13.3	1,728				
Native white—Native parentage.	66,333	25,646	38.7	36,373	55.4	2,947	4.4	886	66,565	19,186	28.8	37,059	55.7	9,170	13.8	1,968				
Native white—Foreign or mixed par.	24,695	11,240	45.5	12,426	50.3	756	3.1	245	28,499	10,325	36.2	15,469	52.2	2,633	9.2	300				
Foreign-born white.	31,694	10,647	33.8	18,555	59.9	1,670	5.3	275	25,529	5,018	19.7	16,101	63.1	4,157	22.9	538				
Negro.	2,921	1,602	54.8	1,747	59.8	148	4.9	25	3,070	1,112	36.2	1,783	57.8	185	15.5	47				
Milwaukee, Wis.	135,870	55,852	41.1	74,459	54.8	4,394	3.2	724	131,112	46,516	35.5	71,129	54.3	12,127	9.2	1,125				
Native white—Native parentage.	20,939	11,646	55.6	8,426	40.2	447	2.1	137	21,830	11,541	52.9	8,768	40.2	2,078	9.9	524				
Native white—Foreign or mixed par.	54,786	28,643	52.3	24,928	45.5	910	1.7	267	62,759	28,837	45.9	30,266	48.2	3,199	4.9	209				
Foreign-born white.	59,662	15,351	25.7	40,874	68.5	3,065	5.0	321	46,091	5,994	13.0	31,806	69.2	7,724	16.8	879				
Negro.	429	181	42.1	181	42.1	181	42.1	181	429	181	42.1	181	42.1	181	42.1	181				
Minneapolis, Minn.	121,934	58,540	46.4	58,384	47.9	4,152	3.4	596	109,116	40,647	37.3	56,664	51.9	8,648	8.8	879				
Native white—Native parentage.	37,207	17,161	46.1	17,217	46.3	1,321	3.6	249	32,400	12,412	38.3	15,735	48.6	3,311	10.2	388				
Native white—Foreign or mixed par.	35,926	20,889	58.1	13,686	38.1	670	1.9	139	40,568	20,229	49.9	17,789	43.8	1,827	4.5	234				
Foreign-born white.	47,358	17,841	37.7	26,820	56.6	2,117	4.5	194	35,229	7,767	22.0	22,617	64.2	4,374	12.4	251				
Negro.	1,921	588	44.5	601	45.5	83	6.3	14	907	235	25.9	516	59.9	130	14.3	16				
New Orleans, La.	115,620	47,708	41.3	59,532	51.9	5,934	5.1	382	122,322	42,644	34.8	60,832	49.8	22,449	17.6	2,698				
Native white—Native parentage.	145,059	62,413	42.9	69,620	48.0	5,800	4.0	1	137,875	47,823	34.5	53,022	38.3	30,650	10.3	1,617				
Native white—Foreign or mixed par.	27,420	10,743	39.2	12,098	55.1	1,380	5.0	59	32,394	10,645	32.6	16,492	50.3	3,960	16.4	160				
Foreign-born white.	14,083	3,722	26.4	8,916	63.3	1,384	9.8	26	12,369	1,937	15.7	6,011	48.6	4,326	35.9	27				
Negro.	23,692	10,783	36.3	16,679	66.8	1,634	5.5	113	36,392	10,179	28.0	18,100	48.7	7,997	20.0	293				
New York, N. Y.	1,697,465	711,954	42.0	912,366	53.8	62,451	3.7	3,079	1,702,066	617,885	36.3	892,969	52.5	183,897	10.8	5,213				
Native white—Native parentage.	286,981	131,117	45.8	131,741	45.9	10,703	3.7	980	293,595	129,668	44.2	134,222	45.5	30,650	10.3	1,617				
Native white—Foreign or mixed par.	457,466	257,498	56.4	213,569	46.5	12,760	3.8	756	490,433	243,857	49.8	216,223	43.3	37,368	7.6	2,130				
Foreign-born white.	913,046	298,066	32.6	574,460	62.9	37,364	4.1	1,239	844,927	231,066	26.7	321,855	60.3	109,014	12.6	2,076				
Negro.	3																			

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER IN CITIES HAVING FROM 25,000 TO 250,000 INHABITANTS: 1910.

Table 36

CITY.	MALES 15 YEARS OF AGE AND OVER.							FEMALES 15 YEARS OF AGE AND OVER.								
	Total. ¹	Single.		Married.		Widowed.		Di- vorced.	Total. ¹	Single.		Married.		Widowed.		Di- vorced.
		Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.			Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.	
Alabama																
Birmingham.....	47,989	17,821	37.1	27,140	56.6	2,728	5.7	188	46,170	10,946	23.7	27,267	59.1	7,503	16.3	388
Ozark.....	17,018	6,882	39.1	9,469	55.7	1,103	6.4	99	20,209	6,222	30.9	13,715	48.2	2,464	13.6	224
Montgomery.....	12,857	4,843	37.7	7,160	55.7	780	6.1	31	15,177	4,549	28.7	7,667	50.5	3,012	19.8	110
Arkansas																
Little Rock.....	17,361	6,705	38.6	9,488	54.6	982	5.7	165	17,179	4,474	26.0	9,575	55.7	2,815	16.4	304
California																
Berkeley.....	14,941	8,069	40.6	8,223	55.2	501	3.4	84	16,318	5,535	33.9	7,959	48.8	2,246	13.8	563
Oakland.....	61,330	24,804	40.6	32,761	53.4	2,568	4.2	676	65,066	15,423	23.8	31,710	56.9	7,464	13.6	422
Pasadena.....	10,659	3,596	33.6	6,387	59.9	599	5.6	55	13,484	4,598	34.1	6,642	49.3	2,101	15.6	121
Sacramento.....	21,033	10,086	48.0	8,654	45.9	882	4.2	305	15,207	4,283	28.2	8,612	56.6	2,013	13.2	287
San Diego.....	16,700	6,716	40.0	9,512	54.0	985	5.9	224	14,901	4,200	28.2	8,317	55.8	2,168	14.5	202
San Jose.....	11,180	4,328	38.7	6,122	54.8	579	5.2	105	11,331	3,491	30.8	5,965	52.6	1,705	15.0	157
Colorado																
Colorado Springs.....	10,670	3,719	34.9	6,249	58.6	531	5.0	124	11,649	3,722	32.0	6,201	53.2	1,559	13.4	148
Denver.....	82,094	32,043	38.8	45,541	55.1	3,482	4.2	952	81,308	29,017	35.8	45,732	56.2	10,293	12.7	1,537
Pueblo.....	19,010	8,569	45.1	9,249	48.7	874	4.6	177	13,814	3,553	25.7	8,550	61.9	1,471	10.6	179
Connecticut																
Bridgeport.....	38,600	15,686	40.5	21,280	55.0	1,552	4.0	97	35,598	11,448	32.2	20,178	56.7	3,782	10.6	149
Hartford.....	36,167	14,635	40.5	19,898	55.0	1,488	4.1	81	36,648	13,055	35.6	19,196	52.4	4,215	11.5	146
Meriden town.....	11,475	4,504	39.3	6,309	55.0	611	5.3	34	11,597	4,089	35.3	6,261	54.0	1,185	10.2	43
Meriden city.....	9,714	3,825	39.4	5,365	55.2	481	6.0	50	9,950	5,602	56.3	6,526	65.6	1,029	10.6	9
New Britain.....	16,413	7,022	42.8	8,761	53.4	564	4.4	28	16,426	4,282	26.0	11,068	57.2	1,138	8.1	47
New Haven.....	47,664	18,823	39.5	26,417	55.4	2,178	4.6	134	47,998	16,649	34.7	25,510	53.1	5,566	11.6	188
Norwich town.....	9,785	3,770	38.5	5,429	55.5	556	5.7	20	10,888	4,148	38.1	5,359	49.2	1,229	12.2	40
Stamford town.....	10,446	4,091	39.2	5,834	55.8	401	4.4	24	10,335	3,536	34.2	5,618	54.4	1,119	10.8	46
Stamford city.....	8,928	3,460	38.9	5,076	56.7	536	6.0	21	8,930	3,065	34.3	4,830	54.6	647	19.6	52
Waterbury.....	26,857	11,613	43.2	14,174	52.8	987	3.7	48	24,225	8,670	35.8	15,272	54.8	2,198	9.1	59
Delaware																
Wilmington.....	32,425	12,755	39.3	17,806	54.9	1,500	4.9	74	31,664	10,232	32.3	17,368	54.9	3,836	12.1	113
Florida																
Jacksonville.....	22,501	8,464	37.6	12,277	54.6	1,109	4.9	148	21,519	5,345	24.8	12,683	58.9	3,128	14.5	226
Tampa.....	13,824	3,713	41.3	7,408	53.6	564	4.1	87	12,409	2,903	23.4	7,309	60.5	1,788	14.4	158
Georgia																
Atlanta.....	53,119	20,065	37.8	30,467	57.4	2,376	4.5	163	59,145	16,777	28.4	31,816	53.8	10,205	17.3	311
Augusta.....	14,139	5,388	38.1	7,846	55.5	735	5.6	43	15,308	4,908	32.1	8,205	49.6	3,221	16.7	125
Macon.....	13,949	5,066	36.3	7,908	56.7	845	6.1	40	15,330	4,127	26.9	8,152	53.2	2,900	18.9	112
Savannah.....	22,817	8,477	37.2	12,959	56.8	1,214	5.3	89	25,071	7,009	28.0	13,508	53.9	4,299	17.1	201
Illinois																
Aurora.....	11,405	4,571	40.1	6,239	54.7	432	3.8	41	10,912	3,435	31.5	6,152	56.4	1,245	11.4	62
Bloomington.....	9,347	3,326	35.6	5,491	58.7	452	4.8	51	10,372	3,437	33.1	5,516	53.2	1,219	12.7	83
Danville.....	9,996	3,222	32.3	6,190	62.1	435	4.4	109	10,445	2,768	26.5	6,333	60.6	1,175	11.2	109
Decatur.....	11,425	4,061	35.3	6,748	59.1	511	4.5	100	11,683	3,426	29.3	6,738	58.1	1,369	11.7	95
East St. Louis.....	24,398	9,950	40.8	13,261	54.4	950	3.9	176	18,296	4,548	24.9	11,792	64.5	1,798	9.8	142
Elgin.....	9,263	3,353	36.2	5,378	58.1	375	4.0	75	10,738	3,778	35.2	5,546	51.6	1,212	11.3	30
Joliet.....	13,439	5,717	42.5	7,113	52.8	414	3.1	70	11,304	3,757	33.2	6,319	55.9	1,106	9.8	63
Peoria.....	26,573	11,110	41.8	13,381	51.1	1,314	4.9	80	24,791	8,185	33.0	12,301	53.7	2,810	11.4	346
Quincy.....	13,496	5,329	39.5	7,320	54.2	704	5.2	89	14,422	5,099	35.4	7,431	51.5	1,720	11.9	127
Rockford.....	17,642	7,386	41.9	9,493	53.8	614	3.7	97	16,467	5,462	33.2	9,192	55.8	1,672	10.2	120
Springfield.....	18,652	6,988	37.5	10,536	56.5	851	4.6	161	19,351	6,271	32.4	10,550	54.7	2,230	11.5	191
Indiana																
Evansville.....	25,550	9,768	38.2	14,199	55.6	1,357	5.3	186	26,298	8,382	31.9	14,327	54.5	3,321	12.6	294
Fort Wayne.....	23,312	9,142	39.2	13,016	55.8	909	3.9	209	24,277	8,550	35.3	12,923	53.3	2,434	10.1	236
Indianapolis.....	88,890	31,154	35.1	32,259	58.8	4,288	4.8	873	90,417	25,362	28.1	51,801	57.3	11,904	13.2	1,200
South Bend.....	19,746	7,062	35.8	11,735	59.4	651	3.3	158	18,104	4,992	27.6	11,006	60.8	1,787	9.9	208
Terre Haute.....	21,765	8,112	37.3	12,294	56.5	1,012	4.6	259	21,417	6,172	28.6	12,291	57.4	2,527	11.8	337
Iowa																
Cedar Rapids.....	12,258	4,491	36.6	7,194	58.7	463	3.8	93	12,381	3,963	32.0	7,085	57.2	1,191	9.6	125
Clinton.....	9,827	4,178	42.5	5,111	52.0	425	4.3	79	9,285	3,139	33.8	4,986	53.7	1,088	11.2	113
Council Bluffs.....	11,146	4,523	40.6	5,994	53.8	517	4.6	76	10,174	3,051	30.0	5,946	58.4	1,077	10.6	94
Davenport.....	16,604	6,358	38.3	7,818	54.5	738	4.7	169	16,227	5,830	35.9	8,743	53.9	1,863	11.5	147
Des Moines.....	32,068	11,364	35.4	18,869	58.8	1,238	3.9	384	32,215	9,068	30.0	18,697	58.0	3,169	9.9	556
Dubuque.....	14,111	6,316	44.8	7,607	49.7	715	5.1	65	14,639	5,995	41.0	6,992	47.8	1,866	10.7	81
Sioux City.....	19,837	9,117	46.0	9,683	48.8	745	3.8	141	16,215	5,477	33.8	9,637	55.7	1,418	9.0	144
Waterloo.....	10,491	4,131	39.4	5,808	55.4	407	3.9	89	9,459	2,838	30.0	5,656	59.8	819	8.7	113
Kansas																
Kansas City.....	31,428	11,128	35.4	18,299	58.2	1,383	4.4	245	27,879	6,833	24.5	17,672	63.4	3,059	11.0	244
Topeka.....	18,468	5,743	31.1	9,581	58.6	671	3.8	137	16,761	4,808	28.7	9,601	57.3	2,242	13.4	220
Wichita.....	20,758	7,591	36.4	11,920	57.4	884	4.3	280	19,049	5,195	27.3	11,612	61.0	1,578	9.9	305
Kentucky																
Covington.....	18,738	7,485	39.9	10,230	54.6	878	4.7	121	20,496	7,203	35.1	10,302	50.3	2,796	13.6	174
Lexington.....	12,887	5,305	41.2	6,180	52.8	662	5.1	79	14,441	4,822	33.4	7,072	49.0	2,352	16.3	147
Louisville.....	80,595	32,947	40.9	42,397	52.6	4,318	5.4	799	87,067	29,565	34.0	42,892	49.3	13,189	15.1	1,314
Newport.....	10,668	4,174	39.3	5,870	55.3	481	4.5	70	11,731	4,068	34.9	5,904	50.3	1,635	13.9	99
Louisiana																
Shreveport.....	10,012	4,132	41.3	5,238	52.2	498	5.0	37	10,492	2,892	27.6	5,256	50.1	2,218	21.1	114
Maine																
Lewiston.....	8,806	3,527	40.1	4,779	54.3	453	5.0	44	9,964	3,943	39.6	4,792	45.1	1,117	11.2	81
Portland.....	21,															

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER IN CITIES HAVING FROM 25,000 TO 250,000 INHABITANTS: 1910—Continued.

CITY.	MALES 15 YEARS OF AGE AND OVER.							FEMALES 15 YEARS OF AGE AND OVER.								
	Total.	Single.		Married.		Widowed.		Di-voiced.	Total.	Single.		Married.		Widowed.		Di-voiced.
		Num-ber.	Per cent.	Num-ber.	Per cent.	Num-ber.	Per cent.			Num-ber.	Per cent.	Num-ber.	Per cent.	Num-ber.	Per cent.	
Massachusetts																
Brockton.....	20,983	8,017	38.2	12,027	57.3	809	3.9	109	21,340	6,927	32.5	12,084	56.6	2,150	10.1	172
Brookline town.....	8,377	3,233	38.6	4,796	57.3	321	3.8	16	14,053	7,577	53.9	5,069	36.1	1,328	9.4	62
Cambridge.....	35,461	14,775	41.7	18,973	53.5	1,617	4.6	85	40,213	16,005	39.8	19,218	47.8	4,832	12.0	137
Chelsea.....	11,852	4,623	39.0	6,453	54.4	659	5.6	38	10,938	3,684	33.7	6,032	55.1	1,169	10.7	49
Chicago.....	8,540	3,268	38.2	4,835	56.6	436	5.1	24	16,259	5,729	35.2	8,658	53.3	2,105	12.6	106
Everett.....	11,350	4,931	35.2	6,886	60.7	435	3.8	20	12,044	3,985	32.2	7,008	58.5	1,248	10.9	48
Fall River.....	38,439	14,637	38.1	21,810	56.7	1,901	4.9	79	42,572	16,269	38.2	21,339	51.3	4,320	10.1	126
Fitchburg.....	13,247	5,348	40.4	7,316	55.2	527	4.0	30	13,512	5,010	37.1	7,152	52.9	1,312	9.7	38
Holywell.....	15,913	5,466	37.5	7,912	56.7	836	5.2	94	16,259	5,729	35.2	8,658	53.3	2,105	12.6	106
Holyoke.....	19,065	7,981	41.9	10,191	53.5	834	4.4	38	21,175	8,956	42.3	10,127	47.8	2,029	9.6	67
Lawrence.....	30,836	12,681	41.1	16,769	54.4	1,312	4.3	63	30,757	11,900	37.4	16,186	52.6	3,006	10.0	62
Lowell.....	37,324	15,823	42.4	19,565	52.4	1,789	4.8	88	40,506	16,610	41.0	19,395	47.9	4,534	10.7	133
Lynn.....	33,867	13,940	38.7	18,591	54.9	1,319	4.5	202	33,918	11,359	33.5	18,193	53.6	4,012	11.8	87
Malden.....	14,505	5,171	35.6	6,682	59.9	602	4.2	43	17,096	6,208	36.3	8,798	51.5	1,996	11.7	80
New Bedford.....	33,840	12,663	37.4	19,686	58.2	1,366	4.0	90	34,932	11,934	34.1	19,171	54.8	3,683	10.5	145
Newton.....	12,731	4,835	38.0	7,417	58.3	451	3.5	20	16,966	7,824	46.1	7,329	43.2	1,755	10.3	48
Pittsfield.....	11,951	4,948	41.4	6,452	54.1	497	4.2	41	11,924	4,478	37.6	6,153	51.6	1,245	10.4	44
Quincy.....	11,627	4,672	40.2	6,508	56.0	441	3.5	31	11,267	3,795	33.7	6,325	56.1	1,103	9.8	35
Salem.....	14,988	6,202	41.4	7,991	53.3	703	4.7	56	16,070	6,298	39.2	7,848	48.8	1,840	11.6	76
Somerville.....	26,398	9,098	34.1	16,134	61.1	1,166	4.4	56	30,518	10,306	34.0	16,264	53.3	3,753	12.3	61
Springfield.....	13,944	12,265	88.0	35.4	7.1	1,539	4.2	7	34,355	11,359	33.0	17,947	52.2	4,005	11.7	172
Taunton.....	12,094	4,750	39.6	6,637	55.3	578	4.8	32	12,818	4,792	37.4	6,453	50.3	1,508	11.8	63
Waltham.....	9,415	3,820	40.6	5,160	54.8	404	4.3	27	11,632	5,217	44.9	5,123	44.0	1,240	10.7	51
Worcester.....	53,572	22,642	42.3	28,399	53.0	2,323	4.3	168	52,946	19,927	37.7	27,271	51.5	5,476	10.3	226
Michigan																
Battle Creek.....	9,668	2,900	30.0	6,201	64.1	405	4.2	123	10,066	2,561	25.4	6,136	61.0	1,186	11.8	164
Bay City.....	15,343	5,725	37.3	8,816	57.5	716	4.7	69	17,776	5,148	32.6	8,867	56.2	1,648	10.4	100
Flint.....	17,727	7,932	44.7	8,950	50.5	650	3.7	178	12,524	3,010	24.0	8,299	65.5	1,194	9.2	151
Grand Rapids.....	40,379	14,138	35.0	24,125	59.7	1,562	3.9	260	41,725	12,191	29.0	24,013	57.6	4,199	10.1	407
Jackson.....	12,312	4,128	33.5	7,310	59.4	583	4.7	241	11,956	3,216	26.9	6,978	58.4	1,527	12.8	205
Kalamazoo.....	14,641	5,120	35.0	8,534	58.3	644	4.4	160	15,678	4,940	31.5	8,681	55.4	1,710	10.9	245
Lansing.....	13,944	5,122	36.2	7,312	52.9	475	3.4	163	11,950	2,982	24.8	7,091	59.3	1,149	10.4	150
Saginaw.....	18,196	6,523	35.8	10,640	58.5	785	4.3	131	19,127	6,164	32.2	10,642	55.6	2,064	10.8	172
Minnesota																
Duluth.....	34,518	18,068	52.3	14,887	43.1	898	2.6	105	23,381	8,071	34.5	13,242	56.6	1,567	6.7	156
St. Paul.....	48,524	22,324	49.9	38,783	45.7	3,096	3.7	446	76,429	31,566	41.3	37,713	49.3	6,583	8.6	432
Missouri																
Joplin.....	11,651	3,833	32.9	7,045	60.5	619	5.3	120	11,090	2,571	23.2	6,998	63.1	1,342	12.1	170
Kansas City.....	100,033	37,390	37.6	54,691	54.7	4,682	4.6	1,104	95,607	27,195	28.4	54,397	56.9	11,855	12.4	3,569
St. Joseph.....	30,429	12,293	40.4	16,100	52.9	1,492	4.9	271	28,267	8,569	30.3	15,934	56.4	3,328	11.8	180
Springfield.....	12,630	4,272	33.9	7,599	60.2	581	4.6	80	12,874	3,625	28.2	7,620	59.2	1,435	11.1	145
Montana																
Butte.....	17,679	9,245	52.3	7,724	43.7	480	2.8	136	12,145	3,615	29.8	7,117	58.6	1,267	10.4	139
Nebraska																
Lincoln.....	16,339	6,127	37.5	9,364	57.3	613	3.8	99	16,587	5,292	31.9	9,442	56.9	1,706	10.3	124
Omaha.....	50,145	22,417	44.7	24,816	49.5	2,240	4.5	562	44,657	15,200	34.0	24,213	54.2	4,555	10.2	624
South Omaha.....	10,341	4,782	46.2	5,147	49.8	319	3.1	49	7,519	2,119	28.2	4,759	63.3	574	7.6	51
New Hampshire																
Manchester.....	24,648	10,272	41.7	13,186	53.5	1,043	4.2	112	25,904	10,210	39.4	12,706	49.0	2,771	10.7	161
Nashua.....	9,481	3,838	40.5	5,140	54.2	432	4.6	59	9,404	3,869	35.6	4,985	52.7	1,061	11.2	47
New Jersey																
Atlantic City.....	17,735	6,744	38.0	9,955	56.1	840	4.7	48	17,956	5,446	30.3	10,005	55.6	2,389	13.3	78
Bayonne.....	19,085	5,024	40.9	9,982	55.8	618	3.2	12	16,343	4,800	29.4	10,116	61.9	1,408	8.6	5
Camden.....	33,844	11,014	34.2	20,639	60.8	1,980	4.7	76	33,973	9,218	27.4	20,470	60.8	3,857	11.4	120
East Orange.....	11,322	3,799	33.6	7,086	62.6	415	3.7	13	15,126	6,046	40.0	7,310	48.3	1,730	11.4	27
Elizabeth.....	26,657	10,850	40.7	14,830	55.6	918	3.4	29	24,292	7,728	31.8	14,110	58.1	2,387	9.8	33
Hoboken.....	20,443	11,325	42.8	13,914	52.6	1,109	4.2	38	23,236	7,462	32.0	15,303	57.0	2,492	10.7	38
Orange.....	10,070	3,973	39.5	5,631	55.9	404	4.0	16	10,730	4,030	37.6	5,533	51.6	1,107	10.3	20
Passaic.....	17,994	6,412	35.6	10,688	59.4	465	2.6	10	19,720	7,654	38.8	10,298	52.2	1,412	7.2	35
Pateron.....	44,128	17,040	38.6	24,720	56.0	2,020	4.6	84	44,967	15,509	34.5	24,426	54.3	4,760	10.6	103
Port Amboy.....	11,884	4,486	38.0	7,011	59.4	277	2.3	16	9,204	3,519	27.4	6,051	65.7	1,149	12.5	5
Trenton.....	36,801	14,871	40.4	20,612	56.0	1,318	3.6	9	40,338	11,303	28.1	18,139	45.3	3,547	10.7	104
West Hoboken town.....	12,214	4,340	35.5	7,422	60.8	434	3.6	9	12,282	3,744	30.5	7,294	59.4	1,219	9.9	19
New York																
Albany.....	36,933	15,546	42.1	19,807	51.7	2,072	5.6	79	40,813	15,928	39.0	19,195	47.0	5,469	13.4	132
Amsterdam.....	11,252	4,443	39.5	6,369	56.6	419	3.7	19	12,122	4,575	37.7	6,224	51.3	1,293	10.7	46
Albany.....	13,739	5,436	39.6	7,579	55.1	681	5.0	42	13,276	4,423	33.3	6,999	52.7	1,899	13.6	23
Birmingham.....	17,879	6,416	35.9	10,431	58.3	892	5.0	81	20,304	6,830	33.6	10,560	52.0	2,162	10.6	114
Elmira.....	14,557	6,081	41.8	8,638	59.3	783	5.4	38	14,712	5,102	34.7	7,964	54.4	1,961	13.3	73
Jamestown.....	11,767	4,350	37.0	6,866	58.3	427	3.6	39	11,850	3,649	30.8	6,731	56.8	1,349	11.4	69
Kingston.....	9,021	3,511	38.9	5,058	56.1	420	4.7	26	10,338	3,853	37.3	5,076	49.1	1,359	13.1	36
Mount Vernon.....	10,411	3,222	35.8	5,302	50.6	369	3.5	6	11,740	4,234	36.0	6,138	52.2	1,269	11.6	19
New Rochelle.....	10,538	4,539	43.0	5,651	53.6</											

MARITAL CONDITION.

MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER IN CITIES HAVING FROM 25,000 TO 250,000 INHABITANTS: 1910—Continued.

Table 36—Continued.

CITY.	MALES 15 YEARS OF AGE AND OVER.								FEMALES 15 YEARS OF AGE AND OVER.							
	Total ¹	Single.		Married.		Widowed.		Di- vorced.	Total ¹	Single.		Married.		Widowed.		Di- vorced.
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.			Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	
Ohio																
Akron.....	24,021	10,756	38.4	16,050	57.3	993	3.5	178	23,895	6,673	27.9	14,634	61.2	2,340	9.8	230
Canton.....	19,969	8,796	39.2	11,270	56.6	679	3.4	108	17,093	5,273	29.8	10,537	59.4	1,274	9.8	129
Columbus.....	70,767	27,888	39.4	39,240	55.4	2,914	4.1	646	69,453	21,889	31.5	38,205	55.1	8,351	12.0	824
Dayton.....	44,525	15,848	35.6	26,340	59.2	1,920	4.3	364	43,402	12,639	29.1	25,245	58.1	5,139	11.8	421
Hamilton.....	12,993	5,070	39.0	7,223	55.6	594	4.6	86	12,533	3,837	30.6	7,091	56.6	1,475	11.8	119
Lima.....	11,065	3,888	35.1	6,612	59.8	458	4.1	61	11,222	3,272	29.2	6,645	59.3	1,146	10.2	118
Lorain.....	11,709	4,377	37.4	7,050	60.2	246	2.1	30	7,978	1,698	21.3	5,751	72.1	492	6.2	37
Newark.....	9,816	3,514	35.8	5,813	59.2	418	4.3	61	9,340	2,603	27.9	5,460	58.5	1,162	12.4	109
Springfield.....	18,029	6,502	36.1	10,242	56.8	908	5.0	93	17,401	5,040	29.0	10,160	58.4	1,981	11.4	120
Toledo.....	62,129	22,568	36.3	36,345	58.5	2,704	4.4	394	61,943	19,986	30.8	35,560	57.9	6,425	10.5	482
Youngstown.....	35,672	13,324	37.4	18,063	53.3	948	2.9	95	24,443	7,073	28.9	15,007	61.4	2,975	8.9	123
Zanesville.....	10,197	3,621	35.5	6,048	59.3	455	4.3	61	11,060	3,480	31.5	6,094	55.1	1,334	12.1	123
Oklahoma																
Muskogee.....	10,136	4,041	39.9	5,412	53.4	526	5.2	66	8,577	2,122	24.7	5,435	63.4	875	10.2	101
Oklahoma City.....	28,304	12,363	43.7	14,426	51.0	1,129	4.0	265	29,874	5,133	24.6	13,486	64.6	1,921	9.2	252
Oregon																
Portland.....	99,231	51,380	51.8	42,271	42.6	3,797	3.8	1,293	68,974	21,868	31.7	38,987	56.5	6,940	10.1	1,090
Pennsylvania																
Allentown.....	17,991	5,765	32.0	11,295	62.8	842	4.7	67	19,688	6,232	31.7	11,303	57.4	2,044	10.4	93
Alltoona.....	18,639	6,846	36.7	10,993	59.0	715	3.8	48	18,255	5,704	31.2	10,673	58.5	1,773	9.7	60
Chester.....	14,674	5,826	39.7	8,028	54.7	640	4.4	47	13,540	4,465	33.0	7,454	55.3	1,430	10.6	60
Easton.....	20,291	3,638	35.4	6,653	68.8	549	5.3	49	11,209	3,635	32.4	6,115	54.6	1,397	12.5	59
Erie.....	23,701	8,780	37.0	13,541	57.1	1,130	4.7	96	23,169	7,317	31.6	13,094	56.5	2,540	11.0	148
Harrisburg.....	120,421	40,344	34.3	14,135	60.4	1,112	4.7	123	25,157	8,872	35.3	14,117	56.1	2,990	11.9	173
Hazleton.....	8,238	3,200	39.0	4,678	56.8	247	3.0	15	8,196	2,920	35.6	4,598	56.1	658	8.0	17
Johnstown.....	22,613	9,246	40.9	12,696	56.1	594	2.6	52	16,292	5,043	31.0	9,831	60.3	1,351	8.3	54
Lancaster.....	16,069	5,749	35.9	9,749	58.1	805	5.0	96	19,652	7,054	35.9	9,372	49.2	2,496	13.1	145
McKeesport.....	15,414	6,278	40.7	8,529	55.3	553	3.6	35	13,162	3,983	30.3	7,943	60.3	1,169	9.9	82
New Castle.....	18,575	5,186	37.3	8,186	59.0	300	3.0	53	11,923	3,236	27.1	7,439	62.4	1,131	9.5	88
Norristown borough.....	10,028	4,143	41.3	5,342	53.3	451	4.5	30	10,315	4,470	39.5	5,409	47.8	1,348	11.9	53
Reading.....	34,411	12,124	35.2	20,402	59.3	1,684	4.9	179	35,551	11,988	31.1	20,357	57.3	3,882	10.9	255
Seranton.....	44,828	18,471	41.2	24,470	54.5	1,570	3.5	71	43,380	15,338	35.4	23,649	54.5	4,017	9.3	108
Shenandoah borough.....	9,716	4,879	50.2	4,651	47.9	156	1.6	6	6,481	1,745	26.9	4,274	65.9	449	6.9	3
Wilkes-Barre.....	22,964	9,526	41.4	12,501	54.4	853	3.7	41	22,993	8,482	37.1	12,099	52.9	2,208	9.6	75
Williamsport.....	10,920	3,712	34.0	6,606	60.5	571	5.2	27	12,834	4,528	35.3	6,651	51.8	1,576	12.3	77
York.....	18,870	5,482	34.5	9,601	50.9	784	4.9	85	16,717	5,276	31.6	9,481	56.8	1,806	10.8	142
Rhode Island																
Newport.....	11,650	6,374	54.7	4,774	41.0	445	3.8	33	9,221	3,395	36.8	4,617	50.1	1,155	12.5	42
Pawtucket.....	18,071	7,289	40.3	9,779	54.1	920	5.1	52	19,153	7,264	37.9	9,703	51.0	1,989	10.4	110
Providence.....	80,993	32,644	40.3	43,657	53.9	3,994	4.9	567	84,507	31,607	37.4	42,253	50.0	9,605	11.4	947
Warwick town.....	9,258	3,443	37.2	5,279	57.0	484	5.2	41	9,289	3,098	33.4	5,212	56.1	905	9.7	62
Woonsocket.....	12,799	5,248	41.0	6,986	54.6	517	4.0	35	13,260	5,276	39.8	6,801	51.3	1,128	8.5	26
South Carolina																
Charleston.....	19,258	7,593	39.4	10,367	53.5	1,119	5.8	30	23,153	7,602	32.8	10,745	46.4	4,582	19.8	69
Columbia.....	9,000	3,533	40.1	4,968	54.8	351	4.2	9	10,089	3,263	32.3	5,024	49.8	1,731	17.2	11
Tennessee																
Chattanooga.....	16,867	6,528	38.7	9,110	54.0	1,036	6.1	121	16,646	4,433	26.6	9,276	55.7	2,694	16.2	205
Knoxville.....	12,963	5,265	40.6	7,082	54.6	550	4.2	54	13,945	4,611	33.1	7,238	51.9	1,923	13.8	121
Memphis.....	51,300	20,833	40.6	26,058	50.8	2,928	5.7	626	49,484	13,094	26.5	26,836	54.2	8,346	16.9	1,041
Nashville.....	37,325	13,265	37.4	20,933	56.1	2,194	5.9	208	43,240	13,103	30.3	21,473	49.7	8,141	18.8	499
Texas																
Austin.....	10,339	4,000	39.3	5,364	51.9	661	6.4	91	11,347	3,827	33.7	5,535	48.8	1,668	14.7	155
Dallas.....	34,924	14,013	40.1	18,558	53.4	1,820	5.2	359	33,811	9,098	26.9	18,846	55.7	5,219	15.4	609
El Paso.....	13,708	5,256	38.3	7,591	55.4	547	4.0	63	13,426	3,476	25.9	7,850	58.5	1,943	14.5	126
Fort Worth.....	28,182	11,446	39.2	15,659	53.7	1,309	4.5	289	24,392	5,580	22.7	15,226	62.4	3,078	12.6	403
Galveston.....	14,621	6,478	44.3	7,144	48.9	804	5.5	179	12,929	3,767	29.4	6,929	54.0	1,837	14.5	265
Houston.....	30,169	11,912	39.5	16,194	53.7	1,650	5.5	258	28,683	7,607	26.5	16,213	56.5	4,295	15.0	508
San Antonio.....	33,374	12,796	38.3	18,429	55.2	1,626	4.9	321	34,582	10,071	29.1	18,841	54.5	4,983	14.4	567
Waco.....	8,946	3,292	36.8	5,070	56.7	349	3.9	44	9,384	2,783	29.0	5,237	54.6	1,302	13.6	131
Utah																
Ogden.....	9,210	3,384	36.7	4,946	53.7	233	2.5	39	8,169	2,348	28.7	4,488	59.3	779	9.5	56
Salt Lake City.....	33,787	13,595	40.2	18,299	54.2	987	2.9	309	31,563	9,174	29.1	18,190	57.6	3,299	10.5	421
Virginia																
Lynchburg.....	9,593	4,066	42.4	5,111	53.3	383	4.0	30	11,479	4,361	38.0	5,257	45.8	1,768	15.4	92
Norfolk.....	24,295	10,100	41.6	12,055	53.0	1,208	5.0	79	25,774	8,188	31.8	13,445	52.3	3,000	15.2	172
Portsmouth.....	12,935	6,426	49.7	5,915	45.7	845	4.2	21	11,055	3,259	29.5	5,379	54.1	1,732	16.1	28
Richmond.....	44,400	18,348	42.4	23,138	52.1	2,173	4.9	142	49,808	18,075	36.3	23,290	46.8	8,122	16.3	231
Roanoke.....	12,288	5,037	41.2	6,672	54.5	471	3.8	35	12,066	3,975	32.9	6,639	55.0	1,375	11.4	67
Washington																
Seattle.....	113,337	57,959	51.1	48,132	42.5	3,544	3.1	1,192	77,200	22,740	29.5	45,343	58.7	7,348	9.5	1,364
Spokane.....	45,378	20,457	45.1	22,981	50.6	1,254	2.8	395	34,854	10,008	28.7	21,557	61.8	2,768	7.9	410
Tacoma.....	37,584	17,531	46.6	17,215	45.8	1,269	3.4	316	26,380	7,503	28.4	15,985	60.6	2,301	8.7	330
West Virginia																
Huntington.....	11,264	4,453	39.5	6,343	56.3	361	3.2	55	10,527	3,204	30.4	6,237	59.2	954	9.1	96
Wheeling.....	15,078	5,951	39.5	8,526	55.2	631	4.2									

CHAPTER 4.

STATE OF BIRTH OF NATIVE POPULATION.

Introduction.—This chapter summarizes the data obtained in answer to the inquiry on the population schedule as to the state or territory of birth of persons born in the United States. This inquiry has been included at each census beginning with that of 1850. The returns are valuable mainly for the light they throw upon the migration of population within the United States.

The term "native population" as ordinarily used by the Bureau of the Census comprises all persons born in the United States, including those born in Alaska, Hawaii, Porto Rico, and other outlying possessions of the United States, persons born at sea under the United States flag, and persons of native parentage born abroad and designated as "American citizens born abroad." The native population living in the United States (excluding persons living in outlying possessions) as above defined, numbered, in 1910, 78,456,380 persons, of whom 78,095,419 were reported as born in some specified state of the United States proper (that is, in the United States exclusive of outlying possessions), 7,365 as born in Alaska, Hawaii, Porto Rico, or other outlying possessions, 1,560 as born at sea under the United States flag, and 66,351 as American citizens born abroad. There remain 285,685 persons for whom the place of birth was either not reported at all or was reported as the United States without specifying the state or territory. These have been classified as born in the United States, state of birth not reported.

The several classes of native population above enumerated are shown by geographic divisions in Table 1.

DIVISION OF RESIDENCE.	Total population: 1910	NATIVE POPULATION.				
		Total.	Born in the United States and with state of birth reported.	Born in out-lying possessions or at sea.	American citizens born abroad.	State of birth not reported.
United States.....	91,972,268	78,456,380	78,095,419	8,925	66,351	285,685
New England.....	6,552,681	4,727,571	4,702,088	373	13,786	11,324
Middle Atlantic.....	10,315,832	14,464,719	14,410,385	1,171	14,130	39,024
East North Central.....	18,250,621	15,176,855	15,103,330	457	15,121	57,947
West North Central.....	11,637,921	10,021,226	9,961,467	343	6,466	52,950
South Atlantic.....	12,194,855	11,894,901	11,869,658	545	1,937	22,741
East South Central.....	8,408,901	8,322,076	8,304,102	89	641	17,244
West South Central.....	8,784,534	8,432,342	8,392,981	373	2,792	36,196
Mountain.....	2,633,517	2,180,195	2,158,616	270	3,859	17,450
Pacific.....	4,192,304	3,236,495	3,192,792	5,304	7,500	30,859

Many of the tables in this chapter are confined to the native population reported as born in some one of the states; and when it is believed that the connection

makes the meaning clear, the terms "native" and "native American" are frequently used in the text in a restricted sense to include this class only. The table headings are more precise.

General extent of migration of native population within the United States.—Of the 78,095,419 persons reported in 1910 as born in some specified state, 61,185,305 were born in the same state in which they were residing at the time the census was taken, as shown by Table 2. The remainder, 16,910,114, had migrated from the state in which they were born and were living in some other state. The persons who had thus migrated formed 21.7 per cent of the total. This percentage differs but little from those shown by the four previous censuses, which have ranged from 23.2 per cent in 1870 to 20.6 per cent in 1900.

CENSUS YEAR.	POPULATION BORN IN AND LIVING IN THE UNITED STATES ¹ AND WITH STATE OF BIRTH REPORTED.			
	Total.	Born in state of residence.	Born in other states.	
			Number.	Per cent.
1910.....	78,095,419	61,185,305	16,910,114	21.7
1900.....	65,402,707	51,901,722	13,500,985	20.6
1890.....	52,965,719	41,871,611	11,094,108	20.9
1880.....	43,475,498	33,882,734	9,592,764	22.1
1870.....	32,978,600	25,321,340	7,657,260	23.2

¹ Exclusive of outlying possessions.
² Exclusive of population of Indian Territory and Indian reservations, specially enumerated in 1890, with a native population of 325,451, which, however, was not distributed by state of birth. These areas were not enumerated in 1880 or 1870.

The fact that each census from 1870 to 1910 showed that about one-fifth of the native Americans had migrated from the state in which born to other states indicates a rather high degree of mobility on the part of the population, especially when it is remembered that the census distinguishes only those persons who have migrated across state lines and not those who have moved from one locality to another within the same state. There is no doubt that some migration within the same state involves a greater change of environment, and even a longer journey, than some of the migration across state lines. Much of the movement from country to city takes place within the confines of the same state; on the other hand, some of the interstate migration is merely from one border county or city to another just across the state line. Computations made in connection with the census of 1900 indicated that almost one-half of the persons living outside of the state of birth lived in states adjoining the state of birth.

It is obvious that the statistics in Table 2 showing the number of persons living outside of the state of birth at a given census do not represent the total number of persons who have migrated from the state of birth during any given period of time. Some of those who have migrated have died, and the statistics show only those living at the time of enumeration, who may be briefly described as surviving migrants.

Interdivisional migration.—Table 3 shows the difference between the total number of native Americans living in each of the nine geographic divisions and the total number born in each division as reported at the census of 1910.

DIVISION.	POPULATION BORN IN AND LIVING IN THE UNITED STATES ¹ AND WITH STATE OF BIRTH REPORTED: 1910		
	Born in the specified division.	Living in the specified division.	Gain (+) or loss (-) by interstate migration (col. 2—col. 1).
	1	2	3
United States	78,095,419	78,095,419	.....
New England.....	4,907,215	4,702,083	-205,127
Middle Atlantic.....	15,342,852	14,410,385	-932,467
East North Central.....	16,479,755	15,103,330	-1,376,425
West North Central.....	9,449,180	9,961,467	+512,287
South Atlantic.....	12,770,824	11,869,658	-901,166
East South Central.....	9,481,023	8,304,102	-1,176,921
West South Central.....	6,758,408	8,392,981	+1,634,573
Mountain.....	1,289,296	2,158,616	+869,320
Pacific.....	1,616,856	3,192,792	+1,575,926

¹ Exclusive of outlying possessions.

The table shows that there were, in 1910, 4,907,215 persons living in the United States (exclusive of outlying possessions) who were reported as born in New England, while the number of native Americans residing in New England was 4,702,083, or 205,127 less. This difference represents the net loss to New England in the balancing of surviving emigrants. To put the matter in another way, if all persons should

return to the division in which they were born, the number of persons coming back to New England would exceed by 205,127 the number of persons leaving New England for other parts of the United States. It is evident that the number of persons reported as born in any division by no means indicates what the native American population of that division would have been had there been no interstate migration on the part of the present generation. If every person now living who was born in New England had remained there, the living children and grandchildren of such persons would have been added to the population of that division; as it is, the children and grandchildren of those who migrated elsewhere appear as natives of other divisions. The converse is true regarding the descendants of persons born in other divisions and now living in New England. Thus while the census makes it possible to measure what may be termed the direct effects of the migration of persons still living, it affords no means of measuring the indirect effects.

All divisions east of the Mississippi have lost more than they have gained as the direct result of the migration of persons still living. The more westerly divisions—the West North Central, West South Central, Mountain, and Pacific—have gained largely by such migration. If all the native Americans in the country should return to the states where they were born, the Pacific division would lose nearly one-half of its native American population.

The preceding table shows only the net effects of migration, the last column representing the difference between the number of persons born in a given division who were living outside of it and the number living in the division who were born outside. These numbers are shown in Table 4.

DIVISION.	POPULATION BORN IN AND LIVING IN THE UNITED STATES ¹ AND WITH STATE OF BIRTH REPORTED: 1910							Gain (+) or loss (-) through interstate migration (col. 5—col. 1 or col. 6—col. 2).
	Born in the specified division.			Born in and living in the specified division.	Living in the specified division.			
	Total (col. 4 + col. 2).	Living in other divisions.			Total (col. 4 + col. 6).	Born in other divisions.		
		Number.	Per cent.	Number.		Per cent.		
	1	2	3	4	5	6	7	8
United States	78,095,419	11,349,040	14.5	86,746,379	78,095,419	11,349,040	14.5	.....
New England.....	4,907,215	568,763	11.6	4,338,452	4,702,088	363,636	7.7	-205,127
Middle Atlantic.....	15,342,852	1,881,406	12.3	13,461,446	14,410,385	948,939	6.6	-932,467
East North Central.....	16,479,755	3,077,070	18.7	13,402,685	15,103,330	1,700,645	11.3	-1,376,425
West North Central.....	9,449,180	1,840,185	19.5	7,608,995	9,961,467	2,352,472	23.6	+512,287
South Atlantic.....	12,770,824	1,478,110	11.6	11,292,714	11,869,658	576,944	4.9	-901,166
East South Central.....	9,481,023	1,788,681	18.9	7,692,342	8,304,102	611,760	7.4	-1,176,921
West South Central.....	6,758,408	410,956	6.1	6,347,452	8,392,981	2,045,529	24.4	+1,634,573
Mountain.....	1,289,296	188,290	14.6	1,101,006	2,158,616	1,057,610	49.0	+869,320
Pacific.....	1,616,856	115,579	7.1	1,501,287	3,192,792	1,691,505	53.0	+1,575,926

¹ Exclusive of outlying possessions.

Of the 78,095,419 native Americans enumerated in 1910 with state of birth reported, 11,349,040, or 14.5 per cent, were living outside the division in which born. This percentage is lower than the percentage living outside the state in which born (21.7), as shown by Table 2,

for the obvious reason that many persons migrate from one state to another within the same geographic division. They are interstate migrants, but not interdivisional. Table 4 shows that in 1910 of the 4,907,215 persons born in New England 4,338,452 were still living there

while 568,763 were living in other divisions; on the other hand, there were 363,636 persons living in New England who had been born in other divisions. The difference between the two figures last named, 205,127, is the direct loss to New England by interstate migration, as already shown in Table 3. Of the population born in New England, 11.6 per cent had emigrated to other divisions, and of the native American population living in New England 7.7 per cent had immigrated from other divisions. These statements indicate how the table is to be read.

This table also shows that in 1910 a much larger percentage of the native American population of the West North Central, West South Central, Mountain, and Pacific divisions consisted of persons born outside those divisions than in the case of the five more easterly geographic divisions. In the Mountain and Pacific divisions about one-half of the native American population consisted of those born outside; in the South Atlantic division the proportion was only 4.9 per cent.

It is noteworthy that, notwithstanding the large number of persons living in the West North Central division who were born outside it, the percentage of its own natives living outside its borders (19.5 per cent) was larger than the corresponding percentage for any other geographic division. The statistics indicate that the earlier extensive migration into this division has been followed by a very considerable migration out of it toward the West and South. The lowest proportion living outside the division of birth in 1910 was that for persons born in the West South Central division, 6.1 per cent.

Table 5 is in effect a continuation in condensed form of Table 4. It shows the migration to and from each geographic division as reported at each census from 1870 to 1910; that is, it shows what proportion of the total population reported at each census as born in the division was living in other divisions, and, conversely, what proportion of the native American population living in each geographic division was born in other divisions.

POPULATION BORN IN AND LIVING IN THE UNITED STATES, BY DIVISIONS: 1870-1910.

Table 5 DIVISION AND CENSUS YEAR.	POPULATION BORN IN AND LIVING IN THE UNITED STATES ¹ AND WITH STATE OF BIRTH REPORTED.						Net gain (+) or loss (-) through interstate migration.
	Born in the specified division.			Living in the specified division.			
	Total.	Living in other divisions.		Total.	Born in other divisions.		
		Number.	Per cent.		Number.	Per cent.	
NEW ENGLAND:							
1910.....	4,907,215	568,763	11.6	4,702,088	363,636	7.7	-205,127
1900.....	4,338,274	526,979	12.1	4,119,509	308,214	7.5	-218,765
1890.....	3,898,003	564,572	14.5	3,540,915	207,484	5.9	-357,088
1880.....	3,643,423	587,039	16.1	3,216,890	160,505	5.0	-426,534
1870.....	3,283,103	568,707	17.3	2,838,792	114,896	4.0	-454,311
MIDDLE ATLANTIC:							
1910.....	15,342,852	1,881,406	12.3	14,410,385	948,939	6.6	-932,467
1900.....	13,178,117	1,808,060	13.7	12,089,947	719,910	6.0	-1,083,150
1890.....	11,177,406	1,818,364	16.3	9,480,357	481,315	5.1	-1,337,049
1880.....	9,843,732	1,785,831	18.1	8,475,904	418,003	4.9	-1,367,528
1870.....	8,186,679	1,596,101	19.5	6,935,402	344,824	5.0	-1,251,277
EAST NORTH CENTRAL:							
1910.....	16,479,755	3,077,070	18.7	15,103,330	1,700,645	11.3	-1,376,425
1900.....	14,160,456	2,473,049	17.5	13,305,007	1,617,600	12.2	-855,449
1890.....	11,596,441	2,194,918	18.9	10,890,202	1,488,679	13.7	-706,239
1880.....	9,179,161	1,552,367	16.9	9,289,907	1,683,203	17.9	+110,836
1870.....	6,618,328	930,119	14.1	7,460,310	1,772,101	23.8	+841,982
WEST NORTH CENTRAL:							
1910.....	9,449,180	1,840,183	19.5	9,961,457	2,352,472	23.6	+512,287
1900.....	7,448,659	1,101,856	14.8	8,777,275	2,430,472	27.7	+1,328,616
1890.....	5,262,124	592,940	11.3	7,778,499	2,609,315	33.8	+2,016,376
1880.....	3,276,998	333,539	10.2	5,157,213	2,213,754	42.9	+1,880,215
1870.....	1,801,712	176,027	9.8	3,183,301	1,557,616	48.9	+1,381,589
SOUTH ATLANTIC:							
1910.....	12,770,824	1,478,110	11.6	11,569,658	576,944	4.9	-901,166
1900.....	11,161,575	1,372,186	12.3	10,211,017	421,628	4.1	-950,548
1890.....	9,610,672	1,291,048	13.4	8,625,681	299,857	3.5	-991,191
1880.....	8,509,714	1,335,735	15.7	7,422,906	248,927	3.4	-1,085,808
1870.....	6,828,793	1,318,504	19.3	5,686,136	175,847	3.1	-1,142,657
EAST SOUTH CENTRAL:							
1910.....	9,481,023	1,788,681	18.9	8,304,102	611,760	7.4	-1,176,921
1900.....	8,325,166	1,482,508	17.8	7,484,591	603,576	8.1	-880,532
1890.....	6,978,603	1,255,789	18.0	6,282,013	599,190	9.0	-686,590
1880.....	6,019,996	1,116,840	19.1	5,480,952	616,796	11.2	-530,044
1870.....	4,591,940	932,776	20.3	4,299,251	640,087	14.9	-292,689
WEST SOUTH CENTRAL:							
1910.....	6,758,408	410,956	6.1	8,392,981	2,045,529	24.4	+1,634,573
1900.....	4,855,385	231,088	4.8	6,244,819	1,620,522	25.9	+1,389,434
1890.....	3,242,235	149,296	4.6	4,279,938	1,186,989	27.7	+1,037,703
1880.....	2,287,662	108,456	4.8	3,155,090	1,085,884	31.9	+867,428
1870.....	1,269,192	74,374	5.9	1,899,927	705,109	37.1	+630,735
MOUNTAIN:							
1910.....	1,289,296	188,290	14.6	2,158,616	1,057,610	49.0	+869,320
1900.....	845,858	84,466	10.1	1,361,469	610,477	44.8	+515,611
1890.....	469,834	36,314	7.7	883,235	449,715	50.9	+413,401
1880.....	285,621	17,969	6.3	492,226	224,574	45.6	+206,605
1870.....	155,724	6,140	3.9	228,290	78,706	34.5	+72,566
PACIFIC:							
1910.....	1,616,866	115,579	7.1	3,192,792	1,691,505	53.0	+1,575,926
1900.....	1,099,277	74,379	6.8	1,849,170	824,272	44.6	+749,893
1890.....	724,201	39,888	5.5	1,334,879	606,566	48.7	+610,678
1880.....	459,190	25,332	5.5	775,320	341,462	44.0	+315,126
1870.....	233,199	12,109	5.2	447,251	226,171	50.6	+214,062

¹Exclusive of outlying possessions.

In 1870, 17.3 per cent of the persons born in New England were living in other divisions. In 1910, the percentage had declined to 11.6. There was a similar decline in the percentage for the Middle Atlantic and South Atlantic divisions. The two North Central divisions show an increase in this percentage. The two South Central divisions show, on the whole, no marked change in this respect, but the percentage of emigrants from the Mountain division has greatly increased, while that of emigrants from the Pacific division has increased in some degree.

In the case of the New England and Middle Atlantic divisions there has been some increase in the relative importance of domestic immigration, as indicated by the percentage of the native American population born outside of the division. Thus, in 1870, 4 per cent of the total population born in the United States and living in New England were born outside New England. By 1910 the proportion had increased to 7.7 per cent. The South Atlantic division also shows some increase in this percentage, but the four central divisions show a rather marked decline. Thus, in 1870, almost one-half (48.9 per cent) of the total native population inhabiting the West North Central division were born in other parts of the United States, as against less than one-fourth (23.6 per cent) in 1910. In the Mountain and Pacific divisions the percentage has fluctuated without any continuous movement toward either a higher or a lower percentage. It is noteworthy, however, that, notwithstanding the large migration to the Pacific coast in the years following the discovery of gold in California, the proportion of the native population of the Pacific division reported as born outside that division was larger in 1910 than at any preceding census back to and including 1870.

Comparing the returns for 1910 with those for 1900, as shown in Table 5, the divisions may be placed in two groups—first, those in which the direct loss through interdivisional migration of persons now living was reduced or the gain increased during the decade, and, second, those of which the converse is true, the loss being increased or the gain reduced. The two groups are distinguished by the last two columns of Table 6.

The first group includes the New England, Middle Atlantic, and South Atlantic divisions, in which the loss through interstate migration has been reduced, and also the West South Central, Mountain, and Pacific divisions, in which the gain has been increased. The second group includes the East North Central and East South Central divisions, in which the loss has been increased, and also the West North Central, in which the gain has been reduced. In 1900 the West North Central division had gained 1,328,616 persons, but in 1910 the gain was only 512,287, a reduction of 816,329.

The figures presented in the last two columns of Table 6, however, by no means represent the difference between migration into and migration out of the respective divisions during the past 10 years. Changes

in the gains or losses are also affected by deaths among those who had previously migrated. Undoubtedly, however, in the case of marked changes in gain or loss between 1900 and 1910, migration during the decade has been the principal factor.

Table 6

DIVISION.	NET GAIN (+) OR LOSS (-) THROUGH INTERSTATE MIGRATION.		Reduction of loss or increase of gain: 1900-1910	Increase of loss or reduction of gain: 1900-1910
	1910	1900		
	New England.....	-205,127			-218,765	13,638	.....
Middle Atlantic.....	-932,467	-1,088,150	155,683	.....
East North Central.....	-1,376,425	-855,449	.....	520,976
West North Central.....	+512,287	+1,328,616	.....	816,329
South Atlantic.....	-901,166	-450,558	49,392	.....
East South Central.....	-1,176,921	-880,632	.....	296,289
West South Central.....	+1,634,573	+1,369,434	245,139	.....
Mountain.....	+869,320	+522,611	343,709	.....
Pacific.....	+1,573,926	+749,835	824,093	.....

Table 5 shows that in the New England and South Atlantic divisions the net loss through interstate migration has steadily declined. In the case of the East North Central division the gain shown at the censuses of 1870 and 1880 has given place to a loss which was much greater in 1910 than in 1900 or 1890. In the case of the West North Central division the gain through interstate migration reached its maximum in 1890 and has declined very greatly since then. In the West South Central, Mountain, and Pacific divisions, on the other hand, the gain has steadily increased, being greater in 1910 than at any preceding census.

Certain broad generalizations of considerable interest may be drawn by comparing the population living in the three geographic sections, the North, the South, and the West, with the population reported as born in those sections, as shown by Table 7.

Table 7

RACE AND SECTION OF RESIDENCE.	Total native population: 1910	BORN IN—			State of birth not reported, or born in outlying posses- sions, etc.
		The North.	The South.	The West.	
ALL RACES.					
United States.....	78,456,380	46,179,002	29,010,255	2,906,162	369,961
The North.....	44,800,371	42,526,162	1,227,107	124,001	213,101
The South.....	28,649,319	1,449,229	27,079,282	35,230	82,578
The West.....	5,416,690	2,203,611	403,866	2,749,931	65,282
WHITE.					
United States.....	68,386,412	45,488,942	19,814,860	2,766,492	316,118
The North.....	45,319,193	41,891,353	1,110,245	116,939	200,656
The South.....	19,821,249	1,477,202	18,226,236	34,553	53,228
The West.....	5,245,970	2,190,327	378,379	2,615,030	62,234
NEGRO.					
United States.....	9,787,424	621,286	9,109,153	15,604	41,381
The North.....	969,451	570,298	415,533	2,295	11,325
The South.....	8,738,858	39,077	8,608,619	2,412	28,750
The West.....	49,115	11,911	25,001	16,897	1,306

The above table shows, for all races and for the whites and negroes separately, the number resident in each section in 1910 who were reported as born in each section; or, conversely, the number born in each section who were resident in each. The North comprises the New England, Middle Atlantic, and North Central divisions; the South, the South Atlantic and South Central divisions; and the West, the Mountain and Pacific divisions.

Table 7 brings out the fact that there has been considerable migration from north to south and from south to north, as well as from east to west. The absolute number of persons born in the North and living in the South (1,449,229) was not very different from the number born in the South and living in the North (1,527,107). The North, however, has contributed more than five times as many to the population of the West as the South has.

Division of birth in relation to division of residence.—More specific information regarding interdivisional migration may be obtained from Table 16, page 181, the first part of which shows, when read from left to right, the number of native American persons living in each geographic division who were born in each division. If read downward, the table, of course, shows the number born in each division who were living in each division. In Table 8 persons born in each geographic division are distributed on a percentage basis according to the division in which they were resident in 1910.

Table 8 shows, for example, that in 1910, of the total number of persons born in New England, 88.4 per cent were still living in that division, while 4.5

per cent were living in the adjacent division on the west—the Middle Atlantic division; 2 per cent in the next division farther west—the East North Central; 1.5 per cent in the West North Central; and 2 per cent in the Pacific. The percentage living in the division in which born ranged from 80.5 in the West North Central division to 93.9 in the West South Central division.

In a majority of cases the largest number of the emigrants from any division are resident in the adjoining division on the west. This is true of the emigrants from the New England, the Middle Atlantic, the East North Central, the East South Central, and the Mountain divisions; but the South Atlantic division has a larger number of its emigrating natives in the division immediately north of it than in any other division, and this is also true of the West South Central division, while of the emigrants from the West North Central a larger number went to the Pacific division and also to the West South Central than to the adjacent Mountain division on the west. While the main current of migration is westward, there has been some eastward migration and considerable migration north and south.

Table 8

PER CENT DISTRIBUTION, BY DIVISION OF RESIDENCE, OF THE POPULATION OF THE UNITED STATES¹ BORN IN—

DIVISION OF RESIDENCE.	PER CENT DISTRIBUTION, BY DIVISION OF RESIDENCE, OF THE POPULATION OF THE UNITED STATES ¹ BORN IN—								
	New England.	Middle Atlantic.	East North Central.	West North Central.	South Atlantic.	East South Central.	West South Central.	Mountain.	Pacific.
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	88.4	1.6	0.2	0.1	0.3	0.1	0.1	0.3	0.3
Middle Atlantic.....	4.5	87.7	1.3	0.5	3.1	0.3	0.2	0.9	0.8
East North Central.....	2.0	4.3	81.3	3.6	1.6	3.6	0.5	1.4	0.9
West North Central.....	1.5	2.2	8.6	80.5	1.0	2.5	1.6	3.0	1.1
South Atlantic.....	0.6	1.3	0.7	0.3	88.4	1.9	0.3	0.3	0.3
East South Central.....	0.1	0.2	0.8	0.3	2.6	81.1	1.2	0.2	0.1
West South Central.....	0.2	0.4	1.9	5.3	2.2	9.1	93.9	1.3	0.5
Mountain.....	0.6	0.7	1.8	4.1	0.4	0.6	1.3	85.4	3.0
Pacific.....	2.0	1.5	3.3	5.2	0.5	0.8	1.0	7.2	92.9

¹ Exclusive of outlying possessions.

Table 9 shows what percentage of the native population resident in each division were born in that division and in each of the other divisions. The percentages are based on the total native population, including persons born in the outlying possessions of the United States, or at sea under the United States flag, persons born in the United States for whom the state of birth was not reported, and American citizens born abroad. The table is substantially the con-

verse of Table 8 and needs little comment. It brings out the fact that the two North Central divisions have contributed largely to the population of the Pacific and Mountain divisions. Of the total native population of the Pacific division, 31.7 per cent were born east of the Mississippi (that is, in the New England, Middle Atlantic, East North Central, South Atlantic, and East South Central divisions), and of the total native population of the Mountain division, 24.7 per cent

Table 9

PER CENT DISTRIBUTION, BY DIVISION OF BIRTH, OF THE NATIVE POPULATION OF THE UNITED STATES¹ AND RESIDING IN—

DIVISION OF BIRTH.	PER CENT DISTRIBUTION, BY DIVISION OF BIRTH, OF THE NATIVE POPULATION OF THE UNITED STATES ¹ AND RESIDING IN—								
	New England.	Middle Atlantic.	East North Central.	West North Central.	South Atlantic.	East South Central.	West South Central.	Mountain.	Pacific.
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	91.8	1.5	0.6	0.7	0.3	0.1	0.1	1.4	3.1
Middle Atlantic.....	5.3	93.1	4.3	3.4	1.7	0.3	0.7	5.1	7.2
East North Central.....	0.8	1.5	88.3	14.2	1.0	1.6	3.7	13.5	16.9
West North Central.....	0.3	0.3	2.2	75.9	0.2	0.4	5.9	17.6	15.6
South Atlantic.....	0.9	2.7	1.3	1.2	94.9	4.0	3.3	2.1	2.1
East South Central.....	0.1	0.2	2.2	2.4	1.5	92.4	10.2	2.6	2.4
West South Central.....	0.1	0.1	0.2	1.1	0.1	1.0	75.3	4.0	2.1
Mountain.....	0.1	0.1	0.1	0.4	(?)	(?)	0.2	50.5	2.9
Pacific.....	0.1	0.1	0.1	0.2	(?)	(?)	0.1	2.3	46.4
United States, state of birth not reported.....	0.2	0.3	0.4	0.5	0.2	0.2	0.4	0.8	1.0
Outlying possessions ²	0.3	0.1	0.1	0.1	(?)	(?)	(?)	0.2	0.4

¹ Exclusive of outlying possessions.² Less than one-tenth of 1 per cent.³ Includes also persons born at sea under United States flag and American citizens born abroad.

Migration of native white and native negro population.—The preceding tables (with one exception) have dealt with the total native population without distinction of race. It is desirable, however, to consider separately the division of birth of the native white and

the native negro population, which together constitute nearly the entire number of native Americans. Table 10 therefore presents for these two classes statistics similar to those presented in Table 4 for the total native population.

Table 10 WHITE PERSONS BORN IN AND LIVING IN THE UNITED STATES¹ AND WITH STATE OF BIRTH REPORTED: 1910

DIVISION.	Born in the specified division.							Gain (+) or loss (-) through interstate migration (col. 8—col. 2).	NEGRO PERSONS BORN IN AND LIVING IN THE UNITED STATES ¹ AND WITH STATE OF BIRTH REPORTED: 1910							
	Born in the specified division.		Born in and living in the specified division.	Living in the specified division.		Total (col. 4+col. 6).	Per cent.		Born in the specified division.		Born in and living in the specified division.	Living in the specified division.		Total (col. 12+col. 14).	Gain (+) or loss (-) through interstate migration (col. 14—col. 10).	
	Total (col. 4+col. 2).	Living in other divisions.		Total (col. 4+col. 6).	Born in other divisions.				Total (col. 12+col. 10).	Living in other divisions.		Total (col. 12+col. 14).	Born in other divisions.			
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.		Per cent.	Number.	Per cent.	Number.	Per cent.			
United States.	68,070,294	10,366,735 15.2	57,703,559	68,070,294 10,366,735 15.2	9,746,043	963,153 9.9	8,782,890	8,746,043	963,153 9.9	.....	.....	.....	.....
New England.	4,867,374	561,617 11.5	4,305,757	4,641,157	379,900	6,984 18.5	30,813	58,109	27,294	47.0	+20,310	.....	.....	
Middle Atlantic.	15,123,715	1,858,755 12.3	13,264,960	14,003,037	738,077	5.3	-1,120,678	212,145	22,183	10.5	189,962	308,529	208,567	52.3		
East North Central.	16,257,667	3,047,706 18.7	13,209,961	14,791,593	1,581,632	10.9	-1,496,074	173,226	28,089	16.2	145,187	292,873	147,688	50.4		
West North Central.	9,210,184	1,890,028 19.5	7,320,156	7,652,750	332,594	23.3	+472,966	168,116	36,062	18.2	162,054	238,613	76,559	32.1		
South Atlantic.	8,273,219	1,028,666 12.4	7,244,553	7,765,765	521,212	6.7	-507,454	4,487,313	448,140	10.0	4,039,173	4,084,880	55,713	1.4		
East South Central.	6,631,841	1,433,609 21.6	5,198,232	5,637,676	439,444	8.1	-974,165	2,844,598	352,991	12.4	2,491,607	2,643,722	152,115	5.8		
West South Central.	4,909,800	346,311 7.1	4,563,489	6,344,580	1,781,091	28.1	+1,434,780	1,777,242	63,354	3.6	1,713,888	1,971,900	258,012	13.1		
Mountain.	1,206,325	181,649 15.1	1,024,676	2,093,208	1,068,532	50.3	7,342	3,290	43.9	4.2	20,571	16,449	80.0	+13,229		
Pacific.	1,589,967	108,394 6.9	1,481,573	3,120,528	1,668,955	53.5	+1,660,561	8,362	2,180	26.4	6,182	27,228	21,156	77.7		

¹ Exclusive of outlying possessions.

This table shows a somewhat greater mobility on the part of the white population than on the part of the negro. Of the 68,070,294 native whites enumerated in 1910, 10,366,735, or 15.2 per cent, were living in some other division than that in which born. Of the 9,746,043 native negroes 963,153, or 9.9 per cent, were living outside the division of birth. In the case of the whites the percentages living outside the division of birth ranged from 6.9 for whites born in the Pacific division to 21.6 for those born in the East South Central. In the case of the negroes the percentages ranged from 3.6 for those born in the West South Central division to 43.9 for those born in the Mountain division. Outside the South a large part of the negro population are not natives of the division in which living, but have immigrated from other divisions, principally from the South, the proportion of immigrants ranging from almost one-third in the West North Central division to about four-fifths in the Pacific and Mountain divisions. The South Atlantic and East South Central divisions are the only ones which have suffered a direct loss in population through the migration of negroes of the present generation. The absolute gain is most conspicuous in the case of the Middle Atlantic and West South Central divisions.

The migration of native whites and native negroes to and from the several states, so far as it can be indicated by statistics of state of birth, is shown in Table 15, which corresponds to Table 10 above.

Migration to the several divisions from other divisions and from foreign countries.—Table 11 shows for 1910 and 1900 the sources from which the different geographic divisions had drawn their population. The three classes distinguished are (1) natives of the division of residence, (2) native Americans born outside the di-

vision of residence, and (3) the foreign born; more briefly, they may be called natives, domestic immigrants, and foreign immigrants.

Table 11 SOURCES OF POPULATION IN THE SEVERAL DIVISIONS OF RESIDENCE, 1910 AND 1900

DIVISION OF RESIDENCE.	Total population. ¹	BORN IN DIVISION OF RESIDENCE.		BORN IN OTHER DIVISIONS.		FOREIGN BORN.	
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
		1910					
United States.	91,972,266	66,746,379	72.8	11,349,049	12.3	13,515,886	14.7
New England.	6,552,681	4,338,452	66.2	363,636	5.5	1,852,116	27.9
Middle Atlantic.	19,315,862	13,461,446	69.7	948,939	4.9	4,835,177	25.1
East North Central.	18,250,621	13,402,685	73.4	1,700,645	9.3	3,073,766	16.8
West North Central.	11,637,921	7,608,996	65.4	2,352,472	20.2	1,616,693	13.9
South Atlantic.	12,194,885	11,232,711	92.0	576,944	4.7	379,994	3.1
East South Central.	8,499,901	6,632,942	78.1	611,760	7.2	87,825	1.0
West South Central.	8,784,534	6,347,452	72.3	2,045,529	23.3	352,192	4.0
Mountain.	1,101,006	1,101,006	100.0	1,057,610	40.2	453,322	17.2
Pacific.	4,192,304	1,501,287	35.8	1,691,503	40.3	955,909	22.8
1900							
United States.	76,994,575	56,248,496	74.0	9,154,271	12.0	10,341,276	13.6
New England.	5,452,017	3,811,295	68.2	308,214	5.5	1,445,237	25.8
Middle Atlantic.	15,454,678	11,370,657	73.6	719,910	4.5	3,317,559	21.5
East North Central.	15,985,581	11,667,407	73.1	1,617,600	10.1	2,625,226	16.4
West North Central.	10,347,423	6,346,809	61.3	2,430,472	23.5	1,533,245	14.8
South Atlantic.	10,445,480	9,789,389	93.7	421,628	4.0	216,639	2.1
East South Central.	7,547,757	6,842,958	90.7	601,576	8.0	90,568	1.2
West South Central.	6,532,290	4,624,297	70.8	1,620,522	24.8	267,087	4.1
Mountain.	1,074,657	1,074,657	100.0	610,077	36.4	304,908	18.0
Pacific.	2,416,922	1,024,898	42.4	824,272	34.1	547,352	22.5

¹ Includes persons born in the United States, state of birth not reported, persons born in outlying possessions, or at sea under United States flag, and American citizens born abroad. (See Tables 1 and 16.)

In most of the divisions the natives are greatly in the majority, outnumbering both classes of immigrants. The preponderance is greatest in the South Atlantic division, where 92.6 per cent of the population in 1910 consisted of persons born in the division. The proportion was nearly as great in the East South Central. In the Pacific division, however, the most important class numerically was that of the domestic immigrants, who formed 40.3 per cent of the total population in 1910, while the natives of the division formed but 35.8 per cent—

hardly more than one-third—and the foreign immigrants 22.8 per cent. In the Mountain division the natives of the division were only slightly more numerous than the domestic immigrants, and constituted but 41.8 per cent of the total population. Of course, these conditions are indicative of the comparatively recent settlement and rapid development of the far West, and of the great immigration thither from other parts of the United States. In New England and in the Middle Atlantic and East North Central divisions the greater part of the immigration is from foreign countries, the foreign born greatly outnumbering the domestic immigrants, but in all the other divisions the foreign immigrants are the least numerous of the three classes here compared.

Comparison between the figures for 1910 and 1900, shown in Table 11, reveals the relative importance of the three classes as factors in the increase in the population of the several divisions during the decade. The comparison is facilitated by Table 12. It may be well to point out that this table throws no light upon the question of the fecundity or natural increase of the population. The persons reported in 1910 as born in a given division include, of course, many children of persons who were not born in the division as well as the children of persons born in the division.

Table 12 INCREASE IN POPULATION: 1900-1910

DIVISION.	INCREASE IN POPULATION: 1900-1910			
	Total. ¹	Born in division of residence.	Born in other divisions.	Foreign born.
United States	15,977,691	10,497,883	2,194,769	3,174,610
New England.....	960,664	527,157	55,422	379,873
Middle Atlantic.....	3,861,214	2,091,389	229,029	1,539,614
East North Central.....	2,285,040	1,715,278	83,045	445,599
West North Central.....	1,290,498	1,262,192	-75,000	83,447
South Atlantic.....	1,751,415	1,503,325	155,316	83,964
East South Central.....	862,144	849,384	10,184	2,743
West South Central.....	2,324,244	1,723,155	425,907	85,105
Mountain.....	958,860	349,614	447,533	151,353
Pacific.....	1,775,612	476,389	867,233	431,457

¹ Includes persons born in the United States, state of birth not reported, persons born in outlying possessions, or at sea under United States flag, and American citizens born abroad.

This table shows very great differences among the geographic divisions with respect to the relative importance of the three classes as factors in the increase in population. In the New England and Middle Atlantic divisions the increase during the decade was chiefly in persons born within the division of residence and in the foreign born, the increase in the latter being roughly three-fourths as great as in the former. In the East North Central division conditions were somewhat similar, except that the increase in the foreign born was relatively less important. In the West North Central, South Atlantic, and East South Central divisions, on the other hand, nearly the entire increase was in natives of the division. In the West South Central division there was a marked increase in domestic immigrants, as well as in natives of the division, but comparatively little increase in the foreign born. Finally, in the Mountain and Pacific

divisions the increase in domestic immigrants was greater than that in natives, and there was also a very considerable increase in the foreign born.

Migration to the several states from other states and from foreign countries.—Table 13 gives a classification of the population of each state in 1910, distinguishing the natives of the state, the domestic immigrants (born in other states), and the foreign immigrants (foreign born).

Table 13

STATE.	Total population: 1910 ¹	BORN IN STATE OF RESIDENCE.		BORN IN OTHER STATES.		FOREIGN BORN.	
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
United States.....	91,972,266	61,185,305	88.6	16,910,114	18.4	13,515,886	14.7
NEW ENGLAND:							
Maine.....	742,371	578,739	78.0	50,009	6.7	110,562	14.9
New Hampshire.....	430,572	248,629	57.7	82,562	19.2	96,667	22.5
Vermont.....	355,956	250,480	70.4	32,165	14.7	49,921	14.0
Massachusetts.....	3,366,416	1,861,820	55.3	434,104	12.9	1,069,245	31.5
Rhode Island.....	542,616	287,116	49.2	94,710	17.5	179,141	33.0
Connecticut.....	1,114,756	607,074	54.5	174,680	15.7	327,574	29.6
MIDDLE ATLANTIC:							
New York.....	9,113,614	5,647,063	62.0	636,616	7.5	2,748,011	30.2
New Jersey.....	2,700,876	1,344,164	53.0	325,075	20.7	669,788	28.0
Pennsylvania.....	7,665,111	5,638,263	73.6	569,204	7.4	1,442,374	18.8
EAST NORTH CENTRAL:							
Ohio.....	4,767,121	3,548,991	74.4	607,352	12.7	598,374	12.6
Indiana.....	2,700,876	2,031,345	75.2	207,301	8.6	159,663	5.9
Illinois.....	5,638,591	3,466,638	60.4	997,139	17.7	1,205,314	21.4
Michigan.....	2,810,173	1,761,085	62.7	436,326	15.5	597,550	21.3
Wisconsin.....	2,333,860	1,538,455	66.8	256,329	11.0	512,865	22.0
WEST NORTH CENTRAL:							
Minnesota.....	2,075,708	1,121,376	54.0	402,137	19.4	543,595	26.2
Iowa.....	2,224,771	1,416,584	63.7	524,774	23.6	273,765	12.3
Missouri.....	3,295,335	2,222,925	67.5	822,738	25.0	229,779	7.0
North Dakota.....	577,056	197,847	34.3	216,936	37.6	159,654	27.1
South Dakota.....	553,888	225,125	38.6	254,762	43.6	100,790	17.3
Nebraska.....	1,192,214	595,551	50.0	414,056	34.7	176,662	14.8
Kansas.....	1,690,949	823,628	48.7	722,995	42.8	135,540	8.0
SOUTH ATLANTIC:							
Delaware.....	292,322	137,131	67.8	47,285	23.4	17,492	8.6
Maryland.....	1,295,346	1,026,355	79.2	161,783	12.5	104,944	8.1
District of Columbia.....	331,069	139,351	42.1	164,623	49.7	24,902	7.5
Virginia.....	2,619,612	1,849,152	70.6	388,806	14.9	379,654	14.5
West Virginia.....	1,221,119	691,077	76.2	229,925	18.8	57,218	4.7
North Carolina.....	2,266,287	2,069,728	94.7	108,605	4.9	6,992	0.3
South Carolina.....	1,515,940	1,431,028	94.4	76,996	5.1	6,179	0.4
Georgia.....	2,609,521	2,364,349	90.6	221,545	8.5	15,477	0.6
Florida.....	522,619	463,003	61.5	244,836	46.5	40,633	5.4
EAST SOUTH CENTRAL:							
Kentucky.....	2,289,905	2,031,385	88.7	215,317	9.4	40,162	1.8
Tennessee.....	2,184,789	1,873,227	85.7	286,419	13.1	18,607	0.9
Alabama.....	2,138,063	1,837,916	86.9	257,031	12.0	19,286	0.9
Mississippi.....	1,797,114	1,663,839	87.0	218,768	12.2	9,770	0.5
WEST SOUTH CENTRAL:							
Arkansas.....	1,574,449	1,055,940	67.1	494,075	31.4	17,046	1.1
Louisiana.....	1,656,388	1,405,636	84.9	190,309	11.5	52,766	3.2
Oklahoma.....	1,657,155	515,212	31.1	1,092,844	65.9	40,442	2.4
Texas.....	3,896,542	2,730,757	70.1	907,908	23.3	241,836	6.2
MOUNTAIN:							
Montana.....	376,053	99,314	26.4	177,783	47.3	94,713	25.2
Idaho.....	325,594	90,225	27.7	190,063	58.4	42,578	13.1
Wyoming.....	145,965	31,782	21.8	84,269	57.7	29,029	19.9
Colorado.....	794,024	233,516	29.2	430,264	53.8	129,387	16.2
New Mexico.....	327,301	184,749	56.4	117,954	36.0	23,146	7.1
Arizona.....	204,354	78,949	38.6	74,699	36.6	48,765	23.9
Utah.....	373,351	243,054	65.1	60,355	16.2	65,822	17.6
Nevada.....	81,875	21,640	26.4	39,700	48.5	19,691	24.1
PACIFIC:							
Washington.....	1,141,990	262,694	23.0	608,256	53.3	256,241	22.4
Oregon.....	672,765	225,102	33.5	329,538	49.0	113,136	16.8
California.....	2,777,549	903,990	32.6	863,290	30.8	586,427	21.7

¹ Includes persons born in the United States, state of birth not reported, persons born in outlying possessions, or at sea under United States flag, and American citizens born abroad. The combined number of these classes in the United States was only 369,961, or 0.4 per cent of the total population.

In nearly every state east of the Mississippi a majority at least of the population were natives of the state, the only exceptions being, in fact, Rhode Island and the District of Columbia. In three of the southern states more than nine-tenths of the population were natives, but north of the Ohio there were only two states, Maine and Indiana, in which the proportion of natives exceeded three-fourths. The foreign immigrants outnumbered the domestic immigrants in every state north of the Ohio and east of the Mississippi

except Vermont, Ohio, and Indiana. In Vermont and Ohio domestic immigrants were not much more numerous than the foreign, but in Indiana they outnumbered the foreign immigrants more than three to one.

West of the Mississippi there were only nine states (Iowa, Minnesota, Missouri, Nebraska, Arkansas, Louisiana, Texas, New Mexico, and Utah) in which a majority of the population were natives of the state. In Wyoming the natives of the state in 1910 formed only 21.8 per cent of the total population and in Washington only 23 per cent. In the latter state a majority (53.3 per cent) of the population were domestic immigrants. This was also the case in Idaho, Wyoming, Colorado, and Oklahoma. The domestic immigrants outnumbered the foreign immigrants in every state west of the Mississippi except Minnesota and Utah.

Interstate migration.—Table 14 presents for the several states in 1910 and 1900 the same class of data that is shown for the geographic divisions in Table 4, that is, it shows what proportion of the population born in each state was living in other states and what proportion of the native American population of each state was born in other states. It shows, for example, that the population of the United States (not including Alaska, Hawaii, Porto Rico, or other outlying possessions) in 1910 included 791,827 persons who were born in the state of Maine and that of this number, 578,739 were living in Maine, while 213,088, or 26.9 per cent of the total, had left Maine and settled in other states; and it shows also that the population of Maine included 628,748 native Americans with state of birth reported, of whom 578,739 were born in Maine and 50,009, or 8 per cent, were born in other states. The numbers of native Americans who have thus migrated to and from the several states are shown graphically in the diagram on page 186.

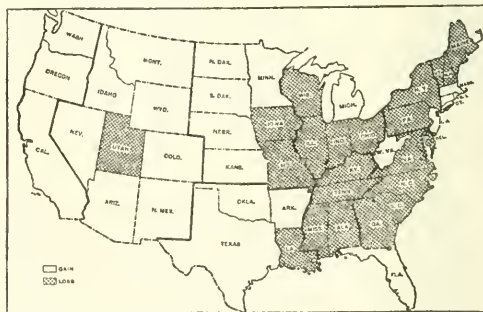
The proportion of the natives of the several states residing in other states in 1910 varied widely. In the case of the following states it exceeded one-third: Nevada (46.4 per cent); Vermont (38.6); Wyoming (37.8); Iowa (36.1); Kansas (34.2); and New Hampshire (33.8). In the following states it was less than one-sixth: Pennsylvania (16.6 per cent); Georgia (16.4); Massachusetts (16.1); New Mexico (15.5); South Carolina (15.5); North Carolina (15.4); Texas (12.9); Louisiana (12.1); Florida (10.2); and California (10). These percentages, it should be remembered, do not include persons who migrated from the states named to outlying possessions of the United States.

Referring to column 7 of the table it will be found that there are only seven states (Maine, Pennsylvania, Virginia, North Carolina, South Carolina, Georgia, and Kentucky) in which the domestic immigrants—applying that term to persons born outside the state but within the United States, exclusive of outlying territories and possessions—formed less than one-tenth of the native American population of the state in 1910. East of the Mississippi there are only four states

(Rhode Island, New Jersey, Delaware, and Florida) in which the proportion exceeded one-fourth, or 25 per cent. In the District of Columbia, however, the proportion exceeded one-half. West of the Mississippi there are 10 states (North Dakota, South Dakota, Oklahoma, Montana, Idaho, Wyoming, Colorado, Nevada, Washington, and Oregon) in which more than half the native American population in 1910 were domestic immigrants and only two (Louisiana and Utah) in which the proportion was less than one-fourth.

Table 14 also shows the gain or loss to the several states by interstate migration; or, in other words, the difference between the number of persons living in the state and born in other states and the number born in the state and living in other states. For example, at the census of 1910, 213,088 persons born in the state of Maine were living in other states and 50,009 persons born in other states were living in Maine. The difference, 163,079, appears in this table as the direct net loss to the state of Maine by interstate migration. Most of the states east of the Mississippi have lost more than they have gained by this interchange of population with other states, gains being shown only for Massachusetts, Rhode Island, Connecticut, New Jersey, Michigan, West Virginia, Florida, and the District of Columbia. West of the Mississippi, on the other hand, most of the states have gained more than they have lost, the only states which have lost being Iowa, Missouri, Louisiana, and Utah.

STATES GAINING OR LOSING BY INTERSTATE
MIGRATION: 1910.



* Table 15 presents, for 1910, by states for the native white and native negro population separately, statistics similar to those presented for the total native population in Table 14.

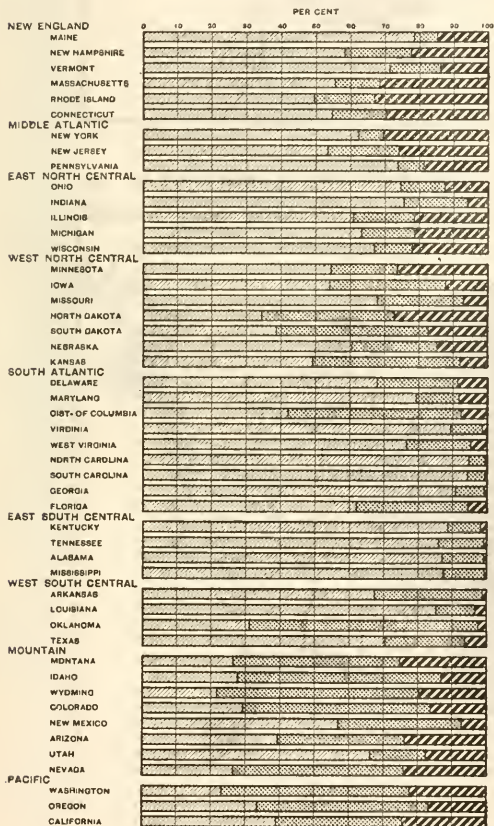
Of the two diagrams on the next page, the one on the left shows for each state the percentages of the total population born in the state, born in other states, and born in foreign countries (see also Table 13), while the diagram on the right shows what percentage of the natives of each state were still living in that state in 1910 and what percentage had emigrated to other states. In the first of the two maps presented

on page 178, the states are classified in six groups with reference to the percentage of emigrants. This map brings out the fact that in general the emigration from states located on the boundary of the United States is relatively less than from states more centrally located. This probably is in part a natural result of the fact that the possibility of emigration from a border state to other parts of the United States is cut off in one or more directions. From some of the states along the northern border there has been a very considerable emigration to Canada in recent years, but this of course is not revealed by a population census of the United States. In the second map on page 178, the states are grouped with reference to the percentage which the population born in other states forms of the total native population or population born in the United States. The percentages are presented in Tables 13 and 14.

State of birth in relation to state of residence.—In Table 16 the total native population of each state and geographic division is distributed according to the state or geographic division in which born. As regards any given state, this table shows how many of the persons living in that state were born there and how many were born in each of the other states; it gives similar information for the several geographic divisions. The table covers the total native population, including those born in outlying territories or possessions of the United States, or at sea under the United States flag, those born in the United States for whom the state of birth was not reported, and American citizens born abroad. At the same time the table when read by columns gives the distribution by residence (state or geographic division) of the total population reported as born in each state or geographic division.

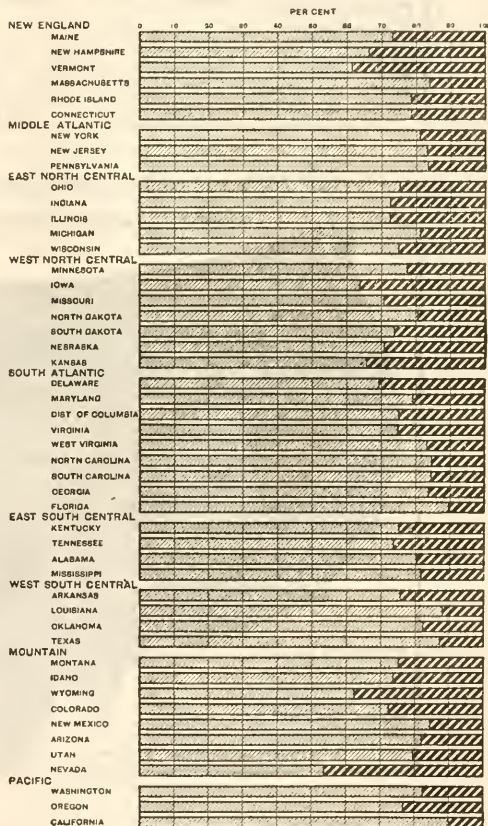
DISTRIBUTION OF TOTAL POPULATION AND NATIVE POPULATION.

DISTRIBUTION OF TOTAL POPULATION OF EACH STATE, BY PLACE OF BIRTH: 1910.



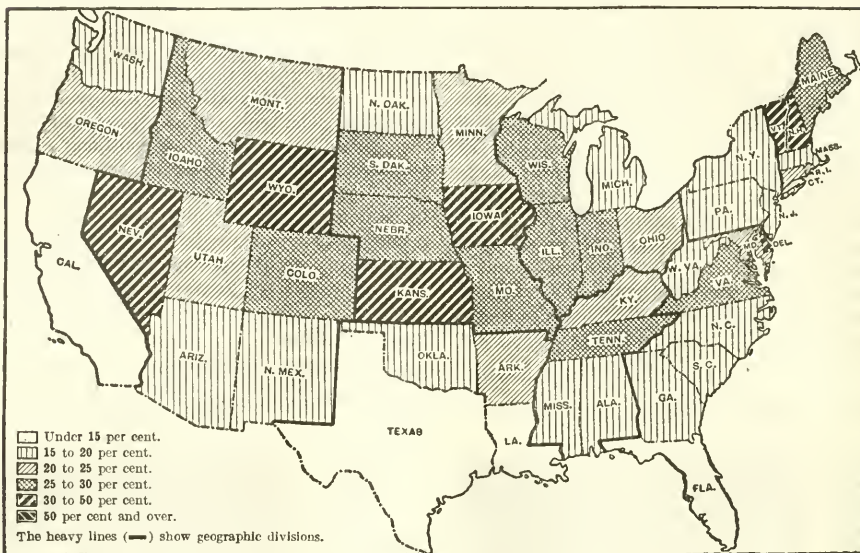
Legend: BORN IN STATE OF RESIDENCE BORN IN OTHER STATES FOREIGN BORN

DISTRIBUTION OF NATIVES OF EACH STATE, BY PLACE OF RESIDENCE: 1910.

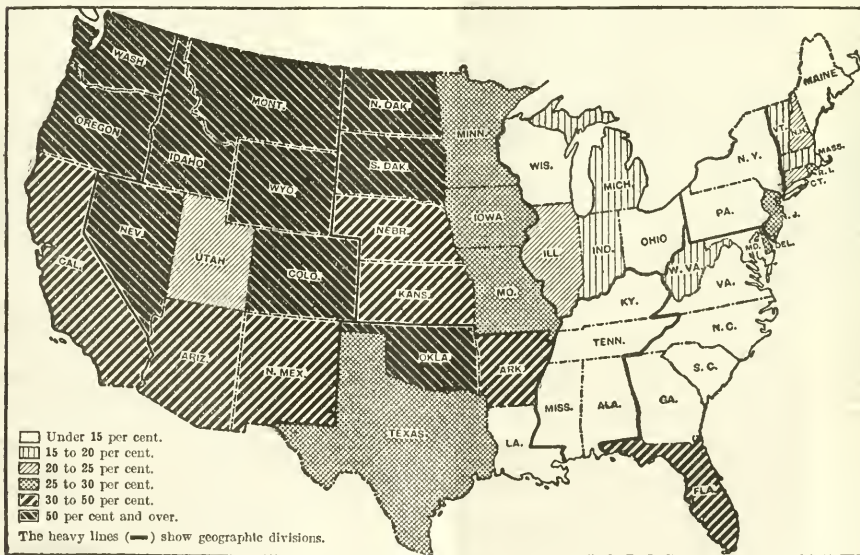


Legend: BORN AND LIVING IN THE STATE BORN IN THE STATE AND LIVING IN OTHER STATES BORN IN OTHER STATES

PERCENTAGE OF POPULATION BORN IN EACH STATE LIVING IN OTHER STATES: 1910.



PERCENTAGE OF NATIVE POPULATION LIVING IN EACH STATE BORN IN OTHER STATES: 1910.



POPULATION BORN IN EACH STATE, WITH NUMBER AND PERCENTAGE LIVING IN OTHER STATES, AND POPULATION LIVING IN EACH STATE, WITH NUMBER AND PERCENTAGE BORN IN OTHER STATES, 1910 AND 1900.

STATE.	POPULATION BORN IN AND LIVING IN THE UNITED STATES ¹ AND WITH STATE OF BIRTH REPORTED: 1910										POPULATION BORN IN AND LIVING IN THE UNITED STATES ¹ AND WITH STATE OF BIRTH REPORTED: 1900									
	Born in the specified state.			Born in and living in the specified state.	Living in the specified state.			Gain (+) or loss (-) through inter-state migration.	Born in the specified state.			Born in and living in the specified state.	Living in the specified state.			Gain (+) or loss (-) through inter-state migration.				
	Total.	Living in other states.			Total.	Born in other states.			Total.	Living in other states.			Total.	Born in other states.			Total.	Living in other states.		
		Number.	Per cent.	Number.		Per cent.	Number.	Per cent.		Number.	Per cent.	Number.		Per cent.	Number.	Per cent.				
United States..	78,095,418	16,910,114	21.7	61,185,305	78,095,419	16,910,114	21.7	65,402,787	13,501,045	20.6	51,901,722	85,402,787	13,501,045	20.6						
NEW ENGLAND:																				
Maine.....	791,827	213,088	26.9	578,739	628,748	50,009	8.0	-163,079	777,057	216,551	27.9	560,506	597,594	37,088	6.2	-179,463				
New Hampshire.....	375,522	126,833	33.8	248,629	331,191	82,562	24.9	-44,331	367,094	124,048	33.8	243,046	320,899	77,823	24.3	-46,225				
Vermont.....	407,940	157,460	38.6	250,480	302,645	52,165	17.2	-105,295	416,672	168,542	40.4	248,130	295,859	47,729	16.1	-120,813				
Massachusetts.....	2,218,157	356,337	16.1	1,861,820	2,235,924	434,104	18.9	+77,767	1,842,703	299,614	16.3	1,543,089	1,944,216	401,127	26.0	+101,513				
Rhode Island.....	340,098	72,982	21.5	267,116	361,826	94,710	26.2	+21,728	275,119	61,358	22.3	213,761	292,656	78,895	27.0	+17,537				
Connecticut.....	773,671	166,597	21.6	607,074	781,754	174,680	22.3	+8,083	659,629	142,254	21.6	517,375	668,315	150,940	22.6	+8,686				
MIDDLE ATLANTIC:																				
New York.....	6,964,461	1,317,398	18.9	5,647,063	6,333,679	686,616	10.8	-630,782	6,123,807	1,289,866	21.1	4,833,941	5,337,873	503,932	9.4	-785,934				
New Jersey.....	1,614,674	270,510	16.8	1,344,164	1,869,239	525,075	28.1	+254,565	1,296,047	231,648	17.9	1,064,399	1,447,266	382,867	26.6	+151,219				
Pennsylvania.....	6,763,717	1,125,454	16.6	5,638,263	6,207,467	569,204	9.2	-556,250	5,758,293	937,463	16.3	4,820,800	5,304,828	484,028	9.1	-483,433				
E. NORTH CENTRAL:																				
Ohio.....	4,713,009	1,166,018	24.7	3,546,991	4,154,343	607,352	14.6	-558,666	4,304,002	1,114,165	25.9	3,189,837	3,687,517	497,680	13.5	-616,485				
Indiana.....	2,805,516	774,171	27.6	2,031,345	2,532,765	501,420	19.8	-272,751	2,517,668	641,280	25.5	1,876,388	2,368,859	492,471	26.8	-148,809				
Illinois.....	4,714,723	1,308,683	27.7	3,406,040	4,403,827	997,189	22.6	-310,896	3,906,944	1,012,637	25.9	2,893,837	3,837,761	943,904	24.6	-68,733				
Michigan.....	2,168,645	407,560	18.8	1,761,085	2,197,411	436,326	19.9	+28,766	1,744,352	288,737	16.6	1,455,615	1,863,169	407,554	27.9	+118,817				
Wisconsin.....	2,077,862	519,407	25.0	1,558,455	1,814,984	256,529	14.1	-262,878	1,687,940	383,022	22.7	1,304,918	1,741,702	436,783	31.7	-140,230				
W. NORTH CENTRAL:																				
Minnesota.....	1,446,106	324,730	22.5	1,121,376	1,523,513	402,137	26.4	+77,407	1,062,813	168,794	15.9	894,019	1,239,020	345,001	27.8	+176,207				
Iowa.....	2,218,420	801,836	36.1	1,416,584	1,941,355	524,774	27.0	-277,062	1,872,717	554,340	29.6	1,318,377	1,918,730	600,353	31.3	+46,013				
Missouri.....	3,141,883	918,958	29.2	2,222,925	3,045,663	822,738	27.0	-96,220	2,650,208	614,957	23.2	2,035,251	2,879,507	844,256	29.3	+229,299				
North Dakota.....	245,810	47,963	19.5	197,847	414,843	216,996	52.3	+169,033	132,894	24,164	18.2	108,730	204,518	95,888	46.8	+71,624				
South Dakota.....	305,604	80,479	26.3	225,125	479,887	254,762	53.1	+174,283	203,561	43,341	21.3	160,220	311,165	150,945	48.5	+107,004				
Nebraska.....	539,783	244,232	45.1	295,551	1,009,607	714,556	41.0	+169,824	606,342	145,280	24.0	461,062	885,678	424,616	47.9	+279,336				
Kansas.....	1,251,574	427,946	34.2	823,628	1,546,596	722,968	46.7	+293,022	920,124	289,803	31.5	630,321	1,338,657	708,336	52.9	+418,533				
SOUTH ATLANTIC:																				
Delaware.....	197,813	60,682	30.7	137,131	184,416	47,285	25.6	-13,397	185,064	55,518	30.0	129,546	170,451	40,935	24.4	-14,563				
Maryland.....	1,297,179	270,824	20.9	1,026,355	1,188,138	161,783	13.6	-109,041	1,199,255	242,638	20.2	956,617	1,091,754	135,137	12.4	-107,861				
Dist. Columbia.....	185,453	46,102	24.9	139,351	303,974	164,623	54.2	+118,521	154,848	34,953	22.6	119,895	258,067	138,172	53.5	+103,219				
Virginia.....	2,464,845	621,693	25.2	1,843,152	2,632,038	788,886	9.3	-432,807	2,287,871	587,418	25.7	1,700,453	1,832,615	132,162	7.2	-435,266				
West Virginia.....	1,175,516	187,667	16.8	987,849	1,161,002	229,225	19.8	+42,248	887,896	122,330	13.8	765,566	933,668	168,102	18.0	+45,772				
North Carolina.....	2,470,496	380,767	15.4	2,089,728	2,198,333	108,605	4.9	-272,162	2,133,653	329,625	15.4	1,804,028	1,887,399	83,371	4.4	-246,254				
South Carolina.....	1,692,848	261,520	15.5	1,431,028	1,508,024	76,996	5.1	-184,524	1,512,864	233,292	15.4	1,279,572	1,334,090	54,518	4.1	-178,774				
Georgia.....	2,828,309	463,960	16.4	2,364,349	2,585,984	221,545	8.6	-242,415	2,420,707	410,299	16.9	2,010,408	2,200,295	189,887	8.6	-220,312				
Florida.....	515,428	52,425	10.2	463,003	707,939	244,936	34.6	+192,411	379,417	36,890	9.6	342,518	602,648	159,530	31.8	+123,231				
E. SOUTH CENTRAL:																				
Kentucky.....	2,704,675	673,290	24.9	2,031,385	2,246,902	215,517	9.6	-457,773	2,427,381	544,223	22.3	1,883,338	2,092,777	207,439	9.9	-334,094				
Tennessee.....	2,544,434	671,207	26.4	1,873,227	2,139,646	286,419	13.3	-384,788	2,300,392	566,405	24.6	1,733,987	1,999,357	265,370	13.3	-301,035				
Alabama.....	2,316,790	458,874	19.8	1,857,916	2,114,947	257,031	12.2	-201,843	1,975,215	397,845	20.1	1,577,370	1,811,114	233,744	12.9	-164,101				
Mississippi.....	1,915,124	351,285	18.3	1,563,839	1,782,607	218,768	12.3	-132,517	1,622,178	296,181	18.3	1,325,997	1,541,286	215,289	14.0	-89,892				
W. SOUTH CENTRAL:																				
Arkansas.....	1,397,657	341,717	24.4	1,055,940	1,550,015	494,075	31.9	+152,358	1,073,631	223,868	20.9	849,763	1,293,303	443,540	34.3	+219,672				
Louisiana.....	1,599,273	193,337	12.1	1,405,936	1,596,245	190,309	11.9	-3,028	1,301,714	132,405	10.2	1,169,309	1,326,219	156,910	11.8	+24,505				
Oklahoma.....	626,452	111,240	17.8	515,212	1,088,056	1,092,844	66.0	+981,604	240,742	31,678	13.2	209,064	765,867	556,803	72.7	+235,125				
Texas.....	3,135,026	404,269	12.9	2,730,757	3,638,665	907,908	25.0	+503,639	2,239,298	207,723	9.3	2,031,575	2,859,430	827,855	29.0	+620,132				
MOUNTAIN:																				
Montana.....	132,164	32,850	24.9	99,314	277,097	177,783	64.2	+144,933	76,743	14,044	18.3	62,699	174,316	111,617	64.0	+97,573				
Idaho.....	122,388	32,163	26.3	90,225	280,288	190,063	67.8	+157,900	60,496	12,074	20.0	48,422	136,544	88,122	64.5	+76,468				
Wyoming.....	51,079	19,237	37.8	31,782	116,051	84,269	72.6	+64,972	30,167	10,660	35.3	19,507	74,750	55,243	73.9	+44,583				
Colorado.....	323,334	89,818	27.8	233,516	663,780	430,264	64.8	+340,446	193,907	42,226	21.8	151,681	442,377	291,196	65.8	+248,970				
New Mexico.....	218,693	33,944	15.5	184,749	302,703	117,954	39.0	+84,010	162,967	19,751	12.1	143,216	181,029	37,804	20.9	+18,053				
Arizona.....	96,273	17,124	18.0	79,149	153,648	74,699	48.6	+57,375	59,310	6,530	11.0	52,780	97,949	45,169	46.1	+38,639				
Utah.....	304,968	61,914	20.3	243,054	303,790	60,655	20.0	-1,259	220,420	38,534	17.5	181,886	222,032	40,146	18.1	+1,612				
Nevada.....	40,397	18,757	46.4	21,640	61,340	39,700	64.7	+20,943	31,848	13,911	43.7	17,937	31,861	14,044	43.9	+133				
PACIFIC:																				
Washington.....	318,619	55,925	17.6	262,694	870,920	608,226	69.8	+552,301	159,818	26,983	16.9	132,835	398,542	265,607	66.6	+238,624				
Oregon.....	293,640	68,538	23.3	225,102	554,640	329,538	59.4	+261,000	208,011	43,580	21.0	164,431	345,520	181,089	52.4	+137,509				
California.....	1,004,607	100,611	10.0	903,996	1,767,232	863,236	48.8	+762,625	731,348	70,068	9.6	661,280	1,105,108	443,						

WHITE AND NEGRO POPULATION BORN IN EACH STATE, WITH NUMBER AND PERCENTAGE LIVING IN OTHER STATES, AND WHITE AND NEGRO POPULATION LIVING IN EACH STATE, WITH NUMBER AND PERCENTAGE BORN IN OTHER STATES: 1910.

STATE.	WHITE PERSONS BORN IN AND LIVING IN THE UNITED STATES ¹ AND WITH STATE OF BIRTH REPORTED.							NEGRO PERSONS BORN IN AND LIVING IN THE UNITED STATES ¹ AND WITH STATE OF BIRTH REPORTED.								
	Born in the specified state.		Born in and living in the specified state.	Living in the specified state.		Gain (+) or loss (-) through inter-state migration.		Born in the specified state.		Born in and living in the specified state.	Living in the specified state.		Gain (+) or loss (-) through inter-state migration.			
	Total.	Living in other states.		Total.	Born in other states.			Total.	Living in other states.		Total.	Living in other states.				
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.						
United States	68,070,294	15,264,203	22.4	52,806,091	68,070,294	15,264,203	22.4	9,746,043	1,616,608	16.6	8,129,435	9,746,043	1,616,608	16.6		
NEW ENGLAND:																
Maine.....	789,344	212,251	26.9	577,183	626,824	49,641	7.9	-162,610	1,585	783	49.4	802	1,112	310	27.9	-473
New Hampshire.....	374,992	126,609	33.8	248,383	330,644	82,261	24.9	-44,348	506	272	53.8	234	515	281	54.8	+49
Vermont.....	406,871	156,838	38.5	250,033	301,082	51,049	17.0	-105,789	1,045	608	58.2	437	1,546	1,109	71.7	+501
Massachusetts.....	2,198,323	352,104	16.0	1,846,219	2,262,899	416,680	18.4	+64,576	19,078	4,125	21.6	14,953	31,641	16,688	52.7	+12,563
Rhode Island.....	334,490	71,643	21.4	262,847	352,889	90,042	25.5	+18,399	5,401	1,317	24.4	4,084	8,507	4,513	52.5	+3,196
Connecticut.....	763,266	163,630	21.4	599,636	766,819	167,183	21.8	+3,553	10,184	2,888	28.4	7,296	14,698	7,402	50.4	+4,514
MIDDLE ATLANTIC:																
New York.....	6,896,408	1,304,983	18.9	5,591,515	6,207,015	615,500	9.9	-689,330	61,580	11,830	19.2	49,750	120,209	70,279	58.6	+58,449
New Jersey.....	1,569,239	262,143	16.7	1,307,096	1,781,082	473,986	26.6	+211,843	45,312	8,295	18.3	37,017	87,762	50,745	57.8	+42,450
Pennsylvania.....	6,658,068	1,104,976	16.6	5,553,092	6,014,940	461,848	7.7	-643,128	105,253	20,293	19.3	84,960	190,738	105,778	55.5	+85,485
E. NORTH CENTRAL:																
Ohio.....	4,636,712	1,148,992	24.8	3,487,720	4,044,406	556,686	13.8	-592,306	76,044	16,850	22.2	59,194	109,643	50,449	46.0	+33,599
Indiana.....	2,770,353	764,460	27.6	2,005,893	2,472,618	466,725	18.9	-297,735	34,794	9,576	27.5	23,224	59,812	34,588	57.8	+25,018
Illinois.....	4,665,846	1,295,278	27.8	3,370,568	4,296,965	926,397	21.6	-368,881	48,564	12,647	26.0	35,917	106,141	70,224	66.2	+27,577
Michigan.....	2,149,417	403,666	18.8	1,745,751	2,175,508	429,757	19.8	+26,091	11,576	3,384	29.2	8,192	14,516	6,324	43.6	+2,940
Wisconsin.....	2,065,339	517,256	25.1	1,547,783	1,802,096	254,313	14.1	-263,243	2,248	1,077	47.9	1,171	2,763	1,592	57.6	+515
W. NORTH CENTRAL:																
Minnesota.....	1,433,733	322,375	22.5	1,111,358	1,507,839	396,481	26.3	+74,106	2,738	1,182	43.2	1,556	6,688	5,132	76.7	+3,950
Iowa.....	2,209,182	798,185	36.1	1,411,007	1,926,282	515,275	26.7	-282,910	8,736	3,483	39.9	5,253	14,702	9,449	64.3	+5,966
Missouri.....	2,931,932	879,112	29.4	2,112,820	2,890,627	777,207	26.9	-101,905	149,218	39,269	26.3	109,949	155,248	45,299	29.2	+6,030
North Dakota.....	239,110	46,068	19.5	192,442	408,237	215,795	52.9	+169,127	297	186	65.7	102	592	400	82.8	+295
South Dakota.....	288,453	78,975	27.4	209,478	400,579	251,101	54.5	+172,126	495	356	71.9	139	782	643	82.2	+267
Nebraska.....	832,777	241,509	29.0	591,268	998,757	407,489	40.8	+165,980	2,846	1,889	66.4	1,637	7,397	5,740	77.6	+4,551
Kansas.....	1,214,987	415,583	34.2	799,404	1,491,029	691,625	46.4	+276,042	33,786	10,852	32.1	22,934	53,204	30,270	56.9	+19,418
SOUTH ATLANTIC:																
Delaware.....	165,143	50,690	30.7	114,463	153,347	38,884	25.4	-11,799	32,664	9,996	30.4	22,668	31,067	8,399	27.0	-1,597
Maryland.....	1,034,596	209,854	20.3	824,742	956,638	131,896	13.8	-77,958	262,540	60,946	23.2	201,594	231,363	29,769	12.9	-31,177
Dist. Columbia.....	133,056	34,213	25.7	98,843	210,295	111,452	53.0	+77,239	52,282	11,823	22.6	40,459	93,517	53,058	56.7	+41,235
Virginia.....	1,587,304	368,233	23.2	1,219,171	1,301,422	142,251	11.0	-225,982	876,806	253,334	28.9	623,472	670,042	46,570	7.0	-206,764
West Virginia.....	1,082,284	178,399	16.5	903,885	1,097,205	193,320	17.6	+114,921	36,417	9,257	25.4	27,160	63,733	36,573	57.4	+27,316
North Carolina.....	1,655,835	237,229	14.3	1,418,606	1,439,679	75,073	5.0	-162,156	806,537	143,143	17.7	663,394	696,789	33,392	4.8	-109,751
South Carolina.....	735,470	125,793	17.1	609,677	672,555	62,878	9.3	-62,915	956,605	135,547	14.2	821,058	835,126	14,068	1.7	-121,479
Georgia.....	1,579,236	312,219	19.8	1,267,017	1,412,666	145,649	10.3	-166,570	1,248,352	151,995	12.1	1,097,257	1,173,078	75,821	6.5	-75,274
Florida.....	300,185	35,740	11.9	264,445	407,958	143,503	35.2	+107,763	215,110	16,614	7.7	198,496	299,774	101,278	33.8	+84,664
E. SOUTH CENTRAL:																
Kentucky.....	2,380,324	582,790	24.5	1,797,734	1,985,732	187,998	9.5	-394,792	323,794	90,340	27.9	233,454	290,916	27,462	10.5	-62,878
Tennessee.....	2,026,788	546,856	27.0	1,479,932	1,688,549	208,647	12.4	-338,239	517,072	123,899	24.0	393,173	470,878	77,705	16.5	-46,194
Alabama.....	1,344,469	327,302	24.3	1,017,267	1,208,219	190,952	15.8	-136,250	971,167	131,346	13.5	839,821	905,802	65,981	7.3	-65,365
Mississippi.....	800,060	217,163	27.4	662,897	775,176	112,279	14.5	-104,884	1,032,565	132,875	12.9	899,690	1,066,126	106,436	10.6	-26,439
W. SOUTH CENTRAL:																
Arkansas.....	1,062,034	302,387	28.5	759,647	1,109,436	349,789	31.5	+47,402	334,589	38,549	11.5	296,040	440,105	144,065	32.7	+105,516
Louisiana.....	871,758	109,389	12.5	762,369	884,532	122,163	13.8	+12,774	726,946	83,763	11.5	642,733	710,755	68,022	9.6	-15,714
Oklahoma.....	507,652	104,647	20.6	403,005	1,307,343	994,338	71.2	+889,691	51,334	5,358	10.4	45,976	136,396	90,420	66.3	+85,062
Texas.....	2,468,356	340,933	13.8	2,127,423	2,953,269	825,846	28.0	+484,913	684,823	62,062	9.3	602,761	684,644	81,883	12.0	+19,821
MOUNTAIN:																
Montana.....	121,383	31,476	25.9	89,907	264,861	174,954	66.1	+143,478	665	326	49.0	339	1,706	1,367	80.1	+1,041
Idaho.....	118,618	31,501	26.6	87,117	276,160	189,043	68.5	+157,542	468	399	85.3	69	608	539	88.7	+140
Wyoming.....	48,574	18,167	37.6	30,207	112,369	82,162	73.1	+63,995	314	161	51.3	153	2,146	1,993	92.9	+1,832
Colorado.....	317,945	87,081	27.6	230,264	651,149	420,885	64.6	+333,204	3,513	1,357	38.6	2,156	11,096	8,940	80.6	+7,583
New Mexico.....	197,437	32,770	16.6	164,267	290,602	116,335	41.5	+83,565	941	531	56.4	410	1,577	1,167	74.0	+636
Arizona.....	66,295	15,816	23.9	50,479	122,883	72,404	58.9	+56,588	538	251	46.7	287	1,945	1,658	85.2	+1,407
Utah.....	302,021	61,442	20.3	240,579	299,582	59,003	19.7	-2,439	527	305	69.3	162	1,969	847	83.9	+482
Nevada.....	34,852	18,057	51.8	16,795	55,602	38,807	69.8	+20,750	376	332	88.3	44	484	440	90.9	+108
PACIFIC:																
Washington.....	305,022	54,059	17.7	250,972	853,494	602,522	70.6	+548,472	1,646	1,012	65.5	534	5,591	5,057	90.4	+4,045
Oregon.....	287,645	67,573	23.5	220,072	547,322	327,250	59.8	+259,677	398	204	51.3	194	1,387	1,193	86.0	+989
California.....	967,300	94,467	9.8	872,833	1,719,712	846,879	49.2	+752,412	6,318	1,298	19.9	5,060	20,260	15,200	75.0	+13,942

¹ Exclusive of outlying possessions.

STATE OF BIRTH OF NATIVE POPULATION

NATIVE POPULATION OF THE UNITED STATES, BY DIVISIONS AND STATES, CLASSIFIED ACCORDING TO DIVISION AND STATE IN WHICH BORN: 1910.

Table 16

DIVISION OR STATE OF RESIDENCE.	Total native born: 1910	POPULATION BORN IN—										State not specified.	Out-lying possessions. ¹
		United States.	Geographic division.										
			New England.	Middle Atlantic.	East North Central.	West North Central.	South Atlantic.	East South Central.	West South Central.	Mountain.	Pacific.		
United States.....	78,456,380	78,381,104	4,007,215	15,342,852	16,479,758	9,449,180	12,770,824	9,481,023	6,758,408	1,289,296	1,616,866	285,685	75,276
GEOGRAPHIC DIVISIONS:													
New England.....	4,727,571	4,713,412	4,338,452	292,017	38,219	13,664	40,741	5,428	4,164	3,940	5,463	11,324	14,159
Middle Atlantic.....	14,464,719	14,449,409	219,782	13,461,446	215,559	50,210	393,230	29,992	14,777	11,997	13,302	39,024	15,310
East North Central.....	15,176,855	15,161,277	97,614	658,099	13,402,685	337,230	203,063	339,296	32,229	17,919	15,195	57,947	15,578
West North Central.....	10,021,226	10,014,417	73,396	338,310	1,420,484	7,608,995	122,027	236,667	105,493	38,351	17,744	52,950	6,809
South Atlantic.....	11,894,901	11,892,399	29,808	200,437	114,568	23,632	11,292,714	182,509	17,386	3,879	4,335	22,741	2,502
East South Central.....	8,322,076	8,321,346	5,406	27,568	134,358	29,333	329,067	7,692,342	81,925	2,375	1,728	17,244	730
West South Central.....	8,432,342	8,429,177	11,368	61,474	313,673	497,604	275,645	859,852	6,347,532	17,378	8,335	16,196	3,165
Mountain.....	2,180,195	2,176,096	31,132	110,724	293,310	383,584	44,874	57,317	87,482	1,101,066	19,187	17,450	4,129
Pacific.....	3,236,485	3,223,601	100,257	232,777	546,596	504,928	69,463	77,230	67,900	92,451	1,501,287	30,809	12,894
NEW ENGLAND:													
Maine.....	631,809	630,039	614,579	7,005	2,610	1,472	1,491	421	233	344	593	1,291	1,770
New Hampshire.....	333,905	332,206	317,369	9,183	1,952	857	925	229	178	228	270	1,165	1,609
Vermont.....	306,035	303,826	275,058	23,046	2,204	1,127	982	516	203	271	238	1,181	2,209
Massachusetts.....	2,307,171	2,300,413	2,133,335	161,860	21,124	7,084	22,059	2,811	2,422	1,938	3,291	4,489	6,758
Rhode Island.....	363,469	362,757	332,191	18,648	3,072	998	5,283	531	408	338	357	931	712
Connecticut.....	785,182	784,081	665,920	93,275	7,257	2,126	10,601	920	726	821	714	2,327	1,161
MIDDLE ATLANTIC:													
New York.....	6,365,603	6,355,376	154,921	5,911,363	96,261	25,680	106,686	15,214	9,007	6,117	8,430	21,697	10,227
New Jersey.....	1,876,379	1,874,577	36,003	1,730,410	20,169	5,643	67,401	3,855	2,009	1,946	1,803	5,338	1,802
Pennsylvania.....	6,222,737	6,219,456	28,858	5,819,673	99,129	18,887	219,143	10,923	3,761	3,934	3,159	11,989	3,281
EAST NORTH CENTRAL:													
Ohio.....	4,168,747	4,166,373	17,739	298,983	3,684,342	29,141	106,584	95,504	5,692	2,820	2,568	12,030	2,374
Indiana.....	2,541,213	2,540,456	5,741	33,704	2,296,222	30,955	32,051	105,701	4,456	2,299	1,436	7,691	737
Illinois.....	4,433,277	4,429,948	37,533	180,850	3,785,832	190,546	51,057	125,716	18,136	7,728	6,357	26,121	3,329
Michigan.....	2,212,623	2,204,978	19,670	133,870	1,976,061	23,752	8,932	7,851	2,368	2,627	2,260	7,567	7,645
Wisconsin.....	1,820,995	1,819,522	16,931	59,692	1,600,128	62,836	4,419	4,524	1,435	2,445	2,574	5,588	1,473
WEST NORTH CENTRAL:													
Minnesota.....	1,532,113	1,530,532	23,251	53,756	199,064	1,227,121	6,266	5,496	1,948	3,931	2,680	7,019	1,581
Iowa.....	1,951,006	1,949,754	14,523	79,491	286,407	1,517,862	17,754	13,655	4,626	4,721	2,679	8,396	1,252
Missouri.....	3,063,556	3,062,454	10,310	59,529	337,038	2,366,528	51,124	153,191	55,720	7,617	8,936	16,791	1,102
North Dakota.....	420,402	419,744	3,559	13,449	69,498	319,883	3,304	1,826	812	1,039	873	4,901	658
South Dakota.....	483,098	482,617	4,361	17,673	86,130	360,160	3,322	2,430	1,458	3,347	1,066	2,730	481
Nebraska.....	1,015,532	1,014,745	8,058	47,209	161,283	755,729	12,135	9,954	4,920	8,012	2,307	5,180	801
Kansas.....	1,555,499	1,554,371	9,334	67,203	281,424	1,061,712	28,122	50,115	35,999	9,684	3,603	7,975	928
SOUTH ATLANTIC:													
Delaware.....	184,830	184,764	1,073	21,159	1,140	395	160,133	291	81	65	79	348	66
Maryland.....	1,190,402	1,189,881	4,937	53,645	8,933	2,962	1,112,457	2,750	1,162	559	733	1,743	321
District of Columbia.....	306,167	305,742	7,346	26,702	12,317	4,207	245,565	4,637	1,812	621	767	1,768	425
Virginia.....	2,034,535	2,034,169	3,969	25,469	12,457	4,172	1,958,809	23,827	1,837	840	698	2,103	386
West Virginia.....	1,163,901	1,163,706	1,258	43,086	51,841	2,773	1,037,326	22,330	916	301	971	2,764	195
North Carolina.....	2,290,195	2,290,055	1,737	5,968	3,542	1,371	2,172,504	11,349	1,375	255	232	1,122	140
South Carolina.....	1,309,221	1,309,132	1,633	2,789	1,467	556	1,495,677	5,342	896	180	84	1,108	89
Georgia.....	2,593,644	2,593,323	2,541	8,441	8,216	2,987	2,493,462	63,949	5,148	516	364	7,429	321
Florida.....	711,985	711,627	5,614	13,178	14,655	4,239	616,781	48,424	4,159	382	407	3,788	359
EAST SOUTH CENTRAL:													
Kentucky.....	2,249,743	2,249,528	1,527	9,166	81,926	10,241	36,254	2,101,159	5,409	696	524	2,626	215
Tennessee.....	2,106,182	2,105,940	1,970	9,475	29,418	10,619	95,981	1,901,097	19,587	854	643	6,294	242
Alabama.....	2,118,807	2,118,636	1,335	6,357	14,507	4,144	148,212	1,928,437	11,106	540	309	3,689	171
Mississippi.....	1,787,344	1,787,242	574	2,570	8,507	4,329	48,620	1,661,649	45,823	285	250	4,635	102
WEST SOUTH CENTRAL:													
Arkansas.....	1,557,403	1,557,208	1,271	7,231	64,668	69,155	65,433	211,402	1,128,312	1,548	975	7,193	195
Louisiana.....	1,603,622	1,603,041	1,509	6,655	13,070	9,980	27,476	89,467	1,446,745	599	651	6,796	581
Oklahoma.....	1,616,713	1,616,206	3,018	24,503	157,663	326,989	52,094	167,345	866,750	6,810	2,884	8,150	307
Texas.....	3,654,604	3,652,722	5,480	23,085	78,272	91,480	130,622	391,638	2,905,642	8,421	4,025	14,657	1,882
MOUNTAIN:													
Montana.....	281,340	280,585	6,012	17,866	54,938	69,422	5,419	5,687	3,626	108,402	5,725	3,488	755
Idaho.....	285,106	282,425	3,269	11,447	41,133	58,419	6,307	5,465	5,268	130,136	18,844	2,137	391
Wyoming.....	116,945	116,751	2,110	8,055	18,979	33,619	3,927	2,836	2,640	43,394	1,191	700	194
Colorado.....	669,437	668,534	12,772	50,339	124,890	165,600	16,800	20,230	16,584	232,319	4,246	4,754	903
New Mexico.....	304,155	303,817	1,246	5,292	18,072	24,039	5,172	13,275	43,129	191,282	1,196	1,114	338
Arizona.....	155,589	155,005	1,987	6,324	14,057	12,263	3,732	5,428	13,336	89,425	7,096	1,357	584
Utah.....	307,529	306,928	1,927	6,950	13,402	13,623	3,114	3,056	1,587	237,387	2,623	3,219	601
Nevada.....	62,184	62,021	1,806	4,411	7,839	6,592	1,303	1,340	1,312	28,461	8,266	681	163
PACIFIC:													
Washington.....	885,749	882,241	22,979	60,709	193,141	196,425	23,168	21,415	15,186	27,993	310,024	11,321	3,508
Oregon.....	559,629	558,369	9,962	30,888	96,802	105,534	10,577	12,098	10,311	17,674	260,794	3,729	1,260
California.....	1,791,117	1,782,991	67,316	141,180	256,956	292,966	35,778	43,717	42,003	46,844	930,469	15,759	8,126

¹ Includes also persons born at sea under United States flag and American citizens born abroad.

ABSTRACT OF CENSUS—POPULATION.

NATIVE POPULATION OF THE UNITED STATES, BY DIVISIONS AND STATES, CLASSIFIED ACCORDING TO DIVISION AND STATE IN WHICH BORN: 1910—Continued.

Table 16—Continued. DIVISION OR STATE OF RESIDENCE.	POPULATION BORN IN—													
	New England division.					Middle Atlantic division.			East North Central division.					
	Maine.	New Hampshire.	Vermont.	Massachusetts.	Rhode Island.	Connecticut.	New York.	New Jersey.	Pennsylvania.	Ohio.	Indiana.	Illinois.	Michigan.	Wisconsin.
United States	791,827	375,522	407,940	2,218,157	340,098	773,071	6,984,461	1,614,674	6,763,717	4,713,009	2,805,516	4,714,723	2,168,645	2,077,862
GEOGRAPHIC DIVISIONS:														
New England.....	700,758	340,038	322,744	1,999,329	311,786	663,797	195,278	22,778	33,961	10,686	3,069	10,786	9,027	4,651
Middle Atlantic.....	17,761	9,227	28,406	89,151	13,663	61,514	6,014,659	1,509,815	5,936,972	110,773	19,649	41,463	30,579	13,095
East North Central.....	13,650	7,096	18,755	37,836	3,900	16,377	325,116	26,779	306,204	3,954,072	2,296,813	3,592,391	1,896,829	1,662,580
West North Central.....	16,461	6,364	16,343	22,547	2,476	9,205	159,935	14,423	163,952	204,974	225,460	614,506	77,362	238,182
South Atlantic.....	4,867	2,061	2,524	12,527	2,173	5,656	51,334	15,808	133,295	71,981	13,421	15,036	9,153	4,977
East South Central.....	811	393	543	2,365	335	959	11,537	1,530	14,501	55,857	43,762	25,246	6,117	3,376
West South Central.....	2,336	926	1,608	4,284	552	1,602	26,505	3,228	31,741	62,551	78,462	144,086	15,486	13,088
Mountain.....	7,675	2,358	4,870	11,274	1,142	3,813	52,284	6,301	52,139	63,108	44,942	104,813	36,569	43,878
Pacific.....	27,508	7,059	12,027	38,844	4,071	10,748	127,813	14,012	90,952	119,607	79,938	166,396	87,523	94,635
NEW ENGLAND:														
Maine.....	578,739	10,621	2,569	19,899	1,251	1,600	4,583	695	1,727	704	244	559	644	459
New Hampshire.....	15,992	248,629	19,063	30,090	1,358	1,637	7,490	647	1,046	424	125	513	598	292
Vermont.....	2,442	9,794	250,480	10,389	546	1,407	20,599	450	997	505	135	608	446	510
Massachusetts.....	94,515	64,503	41,439	1,861,820	32,553	38,505	77,522	8,677	15,061	5,787	1,612	6,253	5,200	2,242
Rhode Island.....	4,778	3,261	3,032	40,330	207,116	13,674	12,375	2,335	3,938	954	280	753	701	384
Connecticut.....	4,292	3,230	5,561	36,801	8,462	607,074	72,709	9,974	10,592	2,312	673	2,100	1,408	764
MIDDLE ATLANTIC:														
New York.....	11,188	6,198	24,013	60,900	8,740	43,882	5,647,063	99,068	165,232	34,913	8,610	23,635	20,804	8,299
New Jersey.....	3,267	1,620	2,043	15,149	2,614	11,280	252,769	1,344,164	133,477	7,945	2,261	5,702	2,777	1,454
Pennsylvania.....	3,276	1,499	2,410	13,102	2,309	6,352	114,827	66,583	5,638,263	67,915	8,778	12,126	6,998	3,312
EAST NORTH CENTRAL:														
Ohio.....	1,675	1,127	2,394	7,614	788	4,141	57,368	6,740	145,875	3,546,991	66,794	25,753	38,921	5,883
Indiana.....	6,86	443	840	2,402	290	1,080	16,771	2,933	34,000	157,119	2,031,345	80,527	22,366	4,865
Illinois.....	4,515	2,895	6,433	16,280	1,609	5,801	92,300	10,434	78,116	122,391	143,188	3,406,638	46,419	67,296
Michigan.....	2,913	1,377	4,334	6,889	661	3,406	116,847	4,525	32,498	109,932	45,597	33,366	1,761,085	26,081
Wisconsin.....	3,861	1,254	4,754	4,651	552	1,859	41,830	2,147	15,715	17,639	9,889	46,107	28,038	1,558,455
WEST NORTH CENTRAL:														
Minnesota.....	8,024	1,927	4,467	6,294	618	1,981	35,460	2,025	16,271	18,226	11,681	40,192	26,217	96,748
Iowa.....	2,142	1,535	4,237	4,112	499	1,998	36,143	3,183	40,165	61,851	37,852	138,310	9,511	38,523
Missouri.....	1,403	759	1,474	4,539	444	1,661	26,173	3,107	30,249	64,616	64,237	186,691	10,124	11,370
North Dakota.....	1,036	275	780	991	99	378	7,554	466	5,429	6,499	9,416	16,903	6,677	300,003
South Dakota.....	947	384	1,205	1,196	141	488	10,160	646	6,867	8,682	7,498	32,360	6,380	31,210
Nebraska.....	1,318	690	1,909	2,497	329	1,315	21,019	2,231	23,959	31,204	25,483	77,709	8,243	18,644
Kansas.....	1,591	794	2,271	2,988	306	1,384	23,426	2,765	41,012	73,896	69,293	116,341	10,210	11,684
SOUTH ATLANTIC:														
Delaware.....	135	69	77	405	73	314	2,560	2,825	15,774	425	159	275	210	71
Maryland.....	979	199	316	2,197	353	893	9,517	3,491	40,637	4,151	1,255	1,792	1,129	606
District of Columbia.....	1,101	598	682	3,254	506	1,235	11,536	2,653	12,513	5,093	2,659	2,774	1,449	942
Virginia.....	605	268	276	1,754	298	768	8,850	2,803	13,816	5,438	1,697	2,167	1,784	1,371
West Virginia.....	248	100	157	524	68	161	3,501	841	38,744	46,814	2,550	1,420	760	297
North Carolina.....	268	141	203	668	134	323	2,315	590	3,063	1,393	518	660	469	202
South Carolina.....	126	74	82	408	186	157	1,365	299	1,157	542	261	339	218	107
Georgia.....	388	179	241	1,256	231	546	4,433	889	3,119	3,222	1,752	1,865	972	405
Florida.....	1,017	493	490	2,061	324	1,259	7,257	1,417	4,504	4,903	2,870	3,744	2,162	976
EAST SOUTH CENTRAL:														
Kentucky.....	163	73	125	811	96	259	3,614	532	5,020	38,857	30,830	10,188	1,928	723
Tennessee.....	317	164	239	780	128	342	4,181	535	4,759	10,229	7,812	7,726	2,494	1,157
Alabama.....	213	108	117	554	86	257	2,509	328	3,520	4,955	2,974	4,129	1,388	1,061
Mississippi.....	118	48	62	229	25	101	1,233	135	1,202	1,816	2,146	3,203	907	435
WEST SOUTH CENTRAL:														
Arkansas.....	209	110	212	475	80	185	3,096	371	3,764	9,832	16,831	33,682	2,592	1,731
Louisiana.....	234	68	147	845	70	235	3,830	411	2,414	3,276	2,613	4,727	4,558	896
Oklahoma.....	642	275	633	909	126	433	8,392	976	15,135	33,094	41,249	71,085	6,115	6,120
Texas.....	1,251	473	676	2,055	276	749	11,187	1,470	10,428	16,349	17,769	34,592	5,221	4,341
MOUNTAIN:														
Montana.....	1,908	434	975	1,965	197	593	8,464	996	8,406	8,450	6,208	14,527	10,825	14,928
Idaho.....	1,048	233	550	1,034	99	305	5,237	510	5,700	7,039	5,545	13,172	6,126	9,251
Wyoming.....	414	207	366	891	94	228	3,640	422	3,993	4,323	3,047	7,331	1,751	2,527
Colorado.....	2,610	947	2,024	4,828	508	1,855	23,802	2,941	23,596	30,573	21,219	49,964	11,049	12,085
New Mexico.....	301	157	188	407	43	150	2,381	271	2,640	4,087	3,564	7,607	1,685	1,129
Arizona.....	477	126	273	793	67	251	3,082	424	2,818	3,549	2,289	4,700	2,160	1,419
Utah.....	394	138	285	787	78	245	3,385	442	3,163	3,169	2,029	5,024	1,760	1,420
Nevada.....	523	116	209	719	56	186	2,293	295	1,823	1,918	1,041	2,488	1,273	1,119
PACIFIC:														
Washington.....	8,050	1,593	2,939	7,511	797	2,179	31,706	2,707	26,296	32,840	23,773	51,163	38,089	47,267
Oregon.....	2,911	787	1,556	3,218	354	1,136	16,115	1,421	13,352	20,030	14,877	27,942	15,198	18,755
California.....	16,547	4,679	7,532	28,115	3,010	7,433	79,992	9,884	51,304	66,128	41,288	87,291	34,236	28,013

NATIVE POPULATION OF THE UNITED STATES, BY DIVISIONS AND STATES, CLASSIFIED ACCORDING TO DIVISION AND STATE IN WHICH BORN: 1910—Continued.

Table 16—Contd. DIVISION OR STATE OF RESIDENCE.	POPULATION BORN IN—															
	West North Central division.							South Atlantic division.								
	Minne- sota.	Iowa.	Mis- souri.	North Dako- ta.	South Dako- ta.	Ne- braska.	Kansas.	Dela- ware.	Mary- land.	Dist. Colum- bia.	Vir- ginia.	West Vir- ginia.	North Caro- lina.	South Caro- lina.	Georgia.	Flori- da.
United States...	1,446,106	2,218,420	3,141,882	245,810	306,604	829,783	1,251,574	197,813	1,297,179	185,452	2,464,845	1,118,754	2,470,495	1,692,548	2,823,309	515,423
GEOGRAPHIC DIVISIONS:																
New England.....	3,650	3,269	2,982	450	438	1,225	1,650	1,432	6,820	2,606	14,671	1,040	6,473	2,812	3,362	1,525
Middle Atlantic.....	7,041	11,628	18,162	950	1,848	4,233	6,848	38,390	106,081	15,165	132,960	30,311	34,747	15,931	14,316	5,323
E. North Central.....	52,494	95,656	115,335	4,979	8,194	23,126	37,446	3,040	27,806	3,752	63,717	65,718	20,561	4,971	10,942	2,562
W. North Central.....	1,247,409	1,805,901	2,453,008	216,743	265,289	686,087	933,628	1,690	14,667	2,023	51,076	21,337	16,410	3,697	9,416	1,709
South Atlantic.....	2,912	5,444	8,490	490	728	2,087	3,481	149,789	1,119,229	156,944	2,074,347	962,282	2,271,118	1,593,500	2,483,047	482,458
E. South Central.....	2,034	4,028	17,948	264	640	1,120	3,299	344	3,787	619	56,959	9,051	53,386	30,953	161,989	11,949
W. South Central.....	7,388	60,068	281,391	1,098	2,713	22,502	122,444	524	5,349	994	39,655	10,132	47,574	35,794	128,925	6,098
Mountain.....	35,199	101,362	111,730	7,145	9,878	50,820	67,540	903	4,676	1,088	12,277	7,740	8,021	1,935	7,138	1,096
Pacific.....	88,069	131,064	131,907	13,691	16,376	48,583	75,238	1,701	8,770	2,230	19,183	11,143	12,205	2,955	9,174	2,102
NEW ENGLAND:																
Maine.....	658	247	181	105	50	96	135	54	433	111	298	91	160	71	162	111
New Hampshire.....	232	227	136	48	42	67	95	36	174	77	272	45	107	59	97	58
Vermont.....	219	324	161	44	73	141	165	18	129	78	304	25	91	73	188	76
Massachusetts.....	1,875	1,672	1,752	169	167	604	845	681	3,520	1,394	7,961	457	3,832	1,624	1,787	803
Rhode Island.....	257	207	236	30	35	120	113	124	1,072	361	2,076	147	541	351	463	148
Connecticut.....	409	582	516	54	71	197	297	519	1,492	585	3,760	275	1,742	634	665	329
MIDDLE ATLANTIC:																
New York.....	4,388	6,126	8,516	518	705	2,276	3,151	3,048	17,360	6,309	40,856	2,646	14,430	10,098	8,692	3,227
New Jersey.....	775	1,342	2,055	98	164	449	760	8,423	15,345	2,589	26,177	1,000	7,720	2,727	2,284	936
Pennsylvania.....	1,878	4,160	7,591	334	479	1,508	2,937	26,919	73,176	6,267	65,927	26,665	12,577	3,106	3,340	1,166
EAST NORTH CENTRAL:																
Ohio.....	2,538	7,704	9,548	432	502	2,533	5,884	885	11,724	1,175	31,007	50,547	5,814	1,641	3,154	637
Indiana.....	1,854	7,246	11,935	429	406	2,471	6,954	572	3,485	368	11,736	5,194	8,183	630	1,581	302
Illinois.....	12,753	57,948	85,161	1,197	2,511	11,968	19,008	978	9,640	1,664	17,390	7,580	5,417	2,222	5,101	1,065
Michigan.....	4,594	6,446	4,475	989	1,280	2,547	3,421	373	1,839	368	2,531	1,746	867	280	670	273
Wisconsin.....	30,755	16,312	4,556	1,932	3,485	3,607	2,179	232	1,112	177	1,081	551	280	198	436	250
WEST NORTH CENTRAL:																
Minnesota.....	1,121,376	67,100	6,485	12,980	11,010	5,165	3,005	218	1,312	313	1,736	937	524	258	695	273
Iowa.....	16,669	1,416,584	39,664	1,361	8,454	21,724	13,406	333	2,980	211	7,056	3,654	2,081	314	900	225
Missouri.....	4,207	56,893	2,222,925	197,847	1,449	13,733	66,751	457	4,820	777	24,629	6,330	2,258	1,540	4,989	624
North Dakota.....	68,972	30,553	4,785	197	12,669	3,484	1,573	63	401	38	1,164	724	659	101	97	57
South Dakota.....	27,143	75,815	7,347	2,966	225,125	18,347	3,417	64	475	74	1,006	638	400	412	192	61
Nebraska.....	5,312	94,623	32,929	526	4,940	595,551	21,848	236	1,743	208	5,085	2,447	1,360	275	584	197
Kansas.....	3,730	64,333	139,803	493	1,642	28,083	823,628	319	3,236	404	10,400	6,607	4,128	797	1,959	272
SOUTH ATLANTIC:																
Delaware.....	40	104	119	35	19	30	48	137,131	19,779	294	2,156	187	320	106	97	63
Maryland.....	333	634	1,156	69	73	261	376	9,715	1,026,355	10,591	45,816	12,958	4,257	1,219	1,201	345
District of Columbia.....	603	1,098	1,387	72	114	332	601	806	41,523	139,351	52,714	12,444	4,482	1,995	1,888	262
Virginia.....	645	850	1,233	143	227	450	534	1,288	15,289	5,149	1,843,152	12,957	73,813	3,735	2,686	749
West Virginia.....	175	606	1,085	38	39	244	586	140	11,467	502	83,332	931,077	9,174	655	610	160
North Carolina.....	100	235	482	25	40	238	251	246	1,626	273	29,939	903	2,089,728	42,525	6,589	675
South Carolina.....	75	104	224	18	28	39	68	77	650	113	3,422	254	42,749	1,431,028	16,373	1,009
Georgia.....	355	771	1,131	33	98	212	357	160	1,398	418	8,709	492	28,933	72,891	2,364,349	16,992
Florida.....	2,042	1,642	1,583	57	90	281	660	226	1,142	251	4,907	1,010	17,642	39,346	89,254	463,003
EAST SOUTH CENTRAL:																
Kentucky.....	312	936	7,019	108	42	266	1,558	105	1,124	178	18,541	7,136	4,994	957	2,832	387
Tennessee.....	677	1,405	6,690	90	332	429	996	101	1,002	228	23,229	1,185	29,066	6,314	33,895	961
Alabama.....	441	857	1,862	49	199	268	468	88	812	163	7,638	488	8,772	14,237	107,643	8,371
Mississippi.....	604	830	1,377	17	67	157	277	50	849	80	7,551	242	10,554	9,445	17,619	2,230
WEST SOUTH CENTRAL:																
Arkansas.....	806	5,286	54,046	110	262	1,474	7,171	54	733	137	6,599	1,419	15,459	13,162	27,207	683
Louisiana.....	586	1,711	6,018	62	88	381	1,134	75	1,833	208	5,880	358	3,769	3,703	10,723	1,927
Oklahoma.....	3,553	41,186	162,266	448	1,513	16,844	101,179	151	1,216	127	9,860	5,940	9,483	4,015	20,485	727
Texas.....	2,443	11,885	59,061	478	850	3,803	12,960	244	2,067	432	17,816	2,415	18,863	14,914	70,510	3,361
MOUNTAIN:																
Montana.....	17,403	17,455	15,703	4,594	3,642	5,655	4,970	107	746	133	1,513	961	1,100	229	535	95
Idaho.....	7,859	16,168	15,289	1,359	1,687	7,351	8,706	67	370	106	1,983	1,248	1,681	171	587	94
Wyoming.....	1,239	10,651	7,295	1,566	1,501	8,552	4,215	54	435	95	598	521	138	360	69	69
Colorado.....	5,785	44,276	50,729	635	2,176	24,643	37,356	432	2,001	420	4,535	3,294	2,746	590	2,428	354
New Mexico.....	521	4,184	11,065	68	204	1,176	6,281	52	285	81	1,288	612	708	286	1,644	156
Arizona.....	802	2,417	5,206	116	244	722	2,756	43	337	108	934	516	461	221	943	169
Utah.....	944	4,303	3,634	120	248	2,089	2,825	77	292	90	821	412	588	239	474	121
Nevada.....	556	1,908	2,269	87	176	632	971	71	210	55	344	201	156	61	167	88
PACIFIC:																
Washington.....	52,198	47,862	38,665	7,867	8,000	17,647	24,186	450	2,075	462	6,827	4,455	5,502	753	2,002	582
Oregon.....	16,499	28,242	25,456	3,025	3,809	12,566	15,937	232	1,126	216	3,114	1,985	2,345	316	921	322
California.....	19,372	54,960	67,786	2,799	4,567	18,370	35,115	1,019	5,569	1,552	9,242	4,703	4,358	1,856	6,251	1,198

NATIVE POPULATION OF THE UNITED STATES, BY DIVISIONS AND STATES, CLASSIFIED ACCORDING TO DIVISION AND STATE IN WHICH BORN: 1910—Continued.

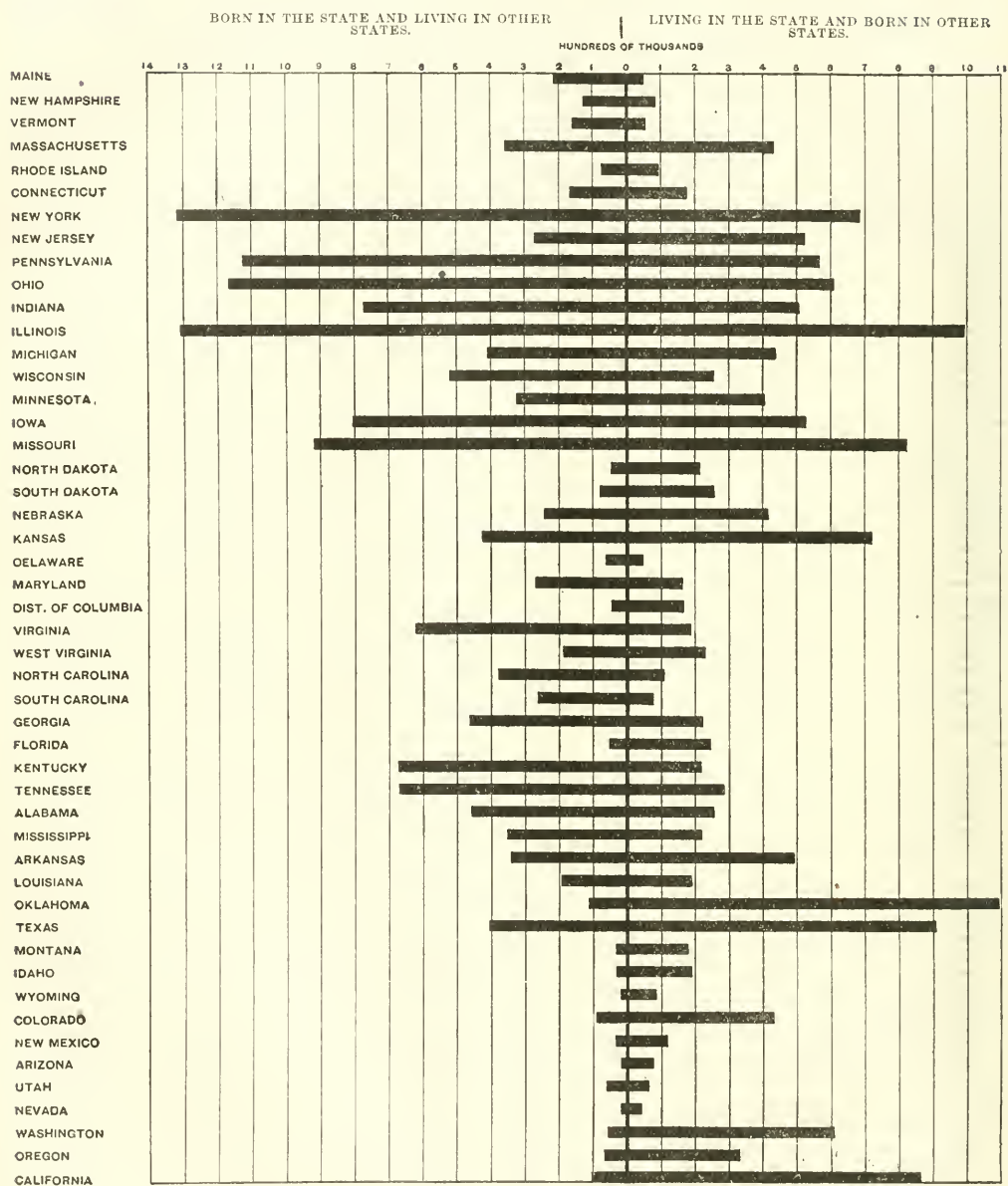
Table 16—Continued. DIVISION OR STATE OF RESIDENCE.	POPULATION BORN IN—															
	East South Central division.				West South Central division.				Mountain division.							
	Kentucky.	Tennessee.	Alabama.	Mississippi.	Arkansas.	Louisiana.	Oklahoma.	Texas.	Montana.	Idaho.	Wyoming.	Colorado.	New Mexico.	Arizona.	Utah.	Nevada.
United States.....	2,704,675	2,544,434	2,316,790	1,915,124	1,387,657	1,599,273	626,452	3,135,026	132,164	122,388	51,079	323,334	218,693	96,273	304,968	40,397
GEOGRAPHIC DIVISIONS:																
New England.....	2,166	1,341	1,392	529	395	2,433	169	1,167	508	400	199	1,400	612	226	200	395
Middle Atlantic.....	14,327	7,445	5,802	2,358	1,710	7,021	847	5,199	1,359	1,265	899	3,919	1,433	1,406	831	775
East North Central.....	254,780	62,093	12,319	10,102	9,655	8,377	5,044	9,153	2,746	2,307	1,241	7,466	1,270	1,141	1,207	532
West North Central.....	126,195	85,631	11,069	13,772	40,477	8,659	32,745	23,612	5,715	2,528	4,215	19,314	2,227	1,093	2,065	784
South Atlantic.....	39,805	48,144	86,309	8,641	3,752	5,252	1,016	7,366	425	592	294	1,097	426	272	442	331
East South Central.....	2,081,251	2,004,079	1,968,915	1,635,097	22,382	40,178	2,165	17,200	294	435	94	802	217	232	142	159
West South Central.....	121,665	288,216	216,741	233,290	1,288,152	1,515,356	557,253	2,986,691	799	1,190	577	6,464	5,457	1,595	875	412
Mountain.....	26,090	18,757	7,154	5,316	13,588	3,715	16,518	33,661	106,556	98,721	39,970	256,443	202,853	82,939	287,942	25,582
Pacific.....	35,456	28,726	7,029	6,019	17,546	8,282	10,605	30,977	13,762	14,941	3,590	26,429	3,669	7,369	11,264	11,427
NEW ENGLAND:																
Maine.....	158	89	135	39	30	84	17	102	68	49	7	117	43	10	19	31
New Hampshire.....	86	39	71	33	27	82	20	49	36	25	16	71	7	11	13	49
Vermont.....	165	166	164	21	35	47	19	102	39	34	15	80	41	7	26	29
Massachusetts.....	1,125	686	710	290	265	1,537	75	605	267	199	115	652	333	83	110	179
Rhode Island.....	230	151	112	38	41	260	6	101	36	32	18	102	64	31	12	43
Connecticut.....	402	210	200	108	57	423	32	208	62	61	28	378	124	84	20	64
MIDDLE ATLANTIC:																
New York.....	6,943	3,652	3,120	1,490	947	4,405	347	3,308	784	573	562	2,067	664	595	481	401
New Jersey.....	1,821	965	809	320	214	1,067	79	649	157	212	89	540	495	168	122	163
Pennsylvania.....	5,563	2,888	1,933	539	549	1,549	421	1,242	418	480	248	1,322	294	733	228	211
EAST NORTH CENTRAL:																
Ohio.....	83,028	8,904	2,343	1,229	1,050	1,517	1,733	1,362	325	328	189	1,244	195	226	190	123
Indiana.....	99,185	13,797	1,708	951	1,687	900	754	1,315	161	767	83	841	114	178	116	39
Illinois.....	74,543	36,939	7,053	7,181	5,907	5,065	2,018	5,118	985	661	466	3,703	626	446	639	202
Michigan.....	5,134	1,698	604	415	624	498	376	870	603	268	169	1,014	189	128	158	98
Wisconsin.....	2,890	757	551	326	387	397	163	488	672	283	334	664	155	163	104	70
WEST NORTH CENTRAL:																
Minnesota.....	3,277	1,213	566	438	399	573	268	768	1,711	350	225	760	522	116	174	79
Iowa.....	7,534	4,233	874	1,014	1,173	604	1,559	1,290	576	518	460	2,238	263	102	412	152
Missouri.....	77,325	60,713	6,488	8,665	6,822	5,388	9,656	11,864	659	557	422	6,488	296	529	539	191
North Dakota.....	1,084	415	119	208	182	92	170	368	950	132	95	271	45	38	62	46
South Dakota.....	1,340	780	144	166	373	114	397	574	861	104	1,137	916	101	37	114	77
Nebraska.....	5,871	2,937	447	699	1,190	444	1,710	1,567	508	459	1,484	4,092	214	119	435	101
Kansas.....	29,764	15,338	2,431	2,582	8,320	1,444	18,985	7,241	450	408	399	6,133	953	301	309	138
SOUTH ATLANTIC:																
Delaware.....	147	92	28	24	12	36	6	27	13	3	5	27	1	6	7	3
Maryland.....	1,050	777	585	308	166	476	76	445	600	76	24	158	107	57	42	35
District of Columbia.....	1,606	1,442	823	766	284	579	124	825	83	78	73	156	61	44	88	38
Virginia.....	8,751	12,855	1,568	643	400	510	120	807	74	116	41	189	131	29	198	22
West Virginia.....	19,263	2,241	663	163	307	179	163	267	50	104	94	124	44	50	27	8
North Carolina.....	1,180	8,104	1,377	688	393	272	81	629	7	67	12	103	13	15	18	20
South Carolina.....	533	2,747	1,540	522	231	181	47	437	26	32	14	27	9	9	11	52
Georgia.....	3,240	15,713	42,458	2,538	1,164	1,296	280	2,518	72	62	18	188	26	33	35	112
Florida.....	4,005	4,163	37,267	2,989	795	1,814	139	1,411	40	34	13	155	34	29	16	41
EAST SOUTH CENTRAL:																
Kentucky.....	2,031,385	64,498	3,141	2,135	1,679	1,387	453	1,800	87	167	31	237	60	61	24	29
Tennessee.....	41,936	873,227	29,739	46,195	10,129	3,127	739	5,592	92	167	30	243	73	70	67	62
Alabama.....	5,605	41,988	1,857,916	22,928	2,334	3,447	510	4,815	30	74	25	199	56	69	36	51
Mississippi.....	5,325	24,360	78,119	1,563,839	8,240	32,217	463	4,903	85	27	8	73	28	32	15	17
WEST SOUTH CENTRAL:																
Arkansas.....	24,337	84,870	38,013	64,182	1,055,940	34,837	11,981	25,554	94	224	78	696	184	86	87	99
Louisiana.....	4,864	6,189	22,285	56,129	15,324	1,405,936	570	24,918	46	111	14	227	56	66	35	44
Oklahoma.....	43,431	62,455	33,198	28,261	132,763	13,313	515,212	205,462	397	469	298	3,408	1,493	457	191	97
Texas.....	48,973	131,702	123,245	84,718	84,125	61,270	29,490	2,730,757	262	395	187	2,133	3,724	986	562	172
MOUNTAIN:																
Montana.....	3,417	1,607	347	316	795	250	804	1,777	99,314	1,621	1,450	2,622	218	187	2,090	900
Idaho.....	2,409	2,299	356	311	2,043	208	1,478	1,539	3,476	90,225	1,937	4,322	224	374	28,728	850
Wyoming.....	1,517	810	327	182	531	173	501	1,435	878	1,208	31,782	3,534	605	171	5,180	146
Colorado.....	10,103	6,267	2,272	1,588	3,707	1,267	4,931	6,679	770	690	2,229	233,516	11,992	559	2,325	319
New Mexico.....	4,366	4,764	2,324	1,821	4,353	922	7,348	30,506	75	90	91	4,266	184,749	1,487	460	55
Arizona.....	2,168	1,578	905	687	1,542	533	1,122	10,139	328	392	143	2,035	4,477	78,949	2,679	422
Utah.....	1,309	1,663	380	304	376	167	184	860	1,217	4,106	2,063	4,340	382	975	243,054	1,250
Nevada.....	711	369	153	107	241	195	150	726	498	470	275	1,808	116	237	3,117	21,640
PACIFIC:																
Washington.....	10,479	5,155	1,778	1,403	4,887	1,685	3,522	5,692	7,845	7,494	1,255	7,080	568	443	2,236	1,012
Oregon.....	5,410	9,193	825	670	3,310	649	2,380	3,972	2,511	4,706	858	4,839	402	464	2,876	1,018
California.....	19,967	15,378	4,426	3,946	9,349	6,548	4,793	21,313	3,406	2,741	1,477	14,510	2,696	6,462	6,152	9,307

STATE OF BIRTH OF NATIVE POPULATION.

NATIVE POPULATION OF THE UNITED STATES, BY DIVISIONS AND STATES, CLASSIFIED ACCORDING TO DIVISION AND STATE IN WHICH BORN: 1910—Continued.

Table 16—Continued. DIVISION OR STATE OF RESIDENCE.	POPULATION BORN IN—									Born at sea under United States flag.	American citizens born abroad.
	Pacific division.			United States (state not reported).	Outlying possessions.						
	Washington.	Oregon.	California.		Alaska.	Guam.	Hawaii.	Philippine Islands.	Porto Rico.		
United States	318,619	293,640	1,004,607	285,685	1,075	19	3,741	1,017	1,513	1,560	66,351
GEOGRAPHIC DIVISIONS:											
New England.....	735	413	4,315	11,324	12		53	40	42	226	13,786
Middle Atlantic.....	2,177	1,201	10,014	39,024	42		64	74	747	244	14,139
East North Central.....	4,243	2,051	8,901	57,947	43		57	64	72	221	15,121
West North Central.....	5,604	3,777	8,463	52,950	38		19	93	21	172	6,496
South Atlantic.....	1,181	749	2,405	22,741	6		23	103	203	210	1,957
East South Central.....	410	215	1,103	17,244	4		2	18	5	60	641
West South Central.....	1,786	1,398	5,351	36,196	7		3	145	61	157	2,792
Mountain.....	13,238	11,835	24,114	17,450	31		105	48	10	76	3,859
Pacific.....	289,345	272,001	939,941	30,809	892	19	3,415	432	352	194	7,596
NEW ENGLAND:											
Maine.....	74	54	465	1,291	1		8	3	2	52	1,704
New Hampshire.....	47	24	199	1,105	1		2		4	5	1,597
Vermont.....	57	22	159	1,181				17	5	27	2,160
Massachusetts.....	418	227	2,646	4,489	6		34	15	25	104	6,574
Rhode Island.....	51	27	279	931			4	2	2	9	695
Connecticut.....	88	59	567	2,327	4		5	3	4	29	1,056
MIDDLE ATLANTIC:											
New York.....	1,157	628	6,645	21,697	25		44	46	641	126	9,345
New Jersey.....	267	114	1,422	5,338	6		4	20	23	44	1,705
Pennsylvania.....	753	459	1,947	11,989	11		16	8	83	74	3,089
EAST NORTH CENTRAL:											
Ohio.....	497	432	1,639	12,030	6		12	15	11	43	2,287
Indiana.....	296	224	916	7,691	7		12	3	11	32	692
Illinois.....	1,818	738	4,301	26,121	9		23	24	23	49	3,201
Michigan.....	659	370	1,231	7,567	19		6	18	11	50	7,541
Wisconsin.....	1,473	287	814	4,538	2		4	4	16	47	1,940
WEST NORTH CENTRAL:											
Minnesota.....	1,275	480	925	7,019	11		5	5	2	26	1,532
Iowa.....	779	601	1,299	8,396	6			22	2	33	1,189
Missouri.....	1,026	785	2,785	16,791	5		5	22	10	20	1,040
North Dakota.....	392	200	281	4,901	4		1	1		19	633
South Dakota.....	357	260	389	2,730			1	5			475
Nebraska.....	631	638	1,038	5,138	6		2	17	5	12	765
Kansas.....	1,044	813	1,746	7,975	6		5	21	2	62	832
SOUTH ATLANTIC:											
Delaware.....	16	9	54	348			1	1	3	1	60
Maryland.....	229	57	456	1,743	1		1	8	48	18	445
District of Columbia.....	169	80	578	1,768	3		6	59	48	8	301
Virginia.....	283	54	361	2,131	2		6	20	11	19	328
West Virginia.....	298	436	237	2,704				2	2	10	181
North Carolina.....	81	28	123	1,722				2	1	10	127
South Carolina.....	20	6	58	1,108				1	2	5	81
Georgia.....	53	26	285	7,429			5	7	5	131	173
Florida.....	101	53	253	3,788			4	3	83	8	261
EAST SOUTH CENTRAL:											
Kentucky.....	131	67	326	2,626	1		2	1		18	193
Tennessee.....	200	80	365	6,294	2			2	5	14	219
Alabama.....	48	35	226	3,689				13		20	138
Mississippi.....	31	63	186	4,635	1			2		8	91
WEST SOUTH CENTRAL:											
Arkansas.....	256	179	560	7,193	3		1	2	3	78	168
Louisiana.....	73	62	516	6,796			2	115	42	26	396
Oklahoma.....	747	663	1,474	8,150	1			2	2	11	491
Texas.....	730	494	2,801	14,057	3			26	14	102	1,737
MOUNTAIN:											
Montana.....	2,254	1,467	2,004	3,488	8		8	19	5	21	694
Idaho.....	8,630	7,286	2,928	2,137	3		3	2		4	579
Wyoming.....	261	348	582	700	4		1	1	1	4	183
Colorado.....	839	726	2,681	4,754	5		20	12	2	22	842
New Mexico.....	164	180	852	1,114			3	1		6	328
Arizona.....	376	619	6,101	1,357	2		3	7		15	557
Utah.....	323	504	1,796	3,219			63	4		1	533
Nevada.....	391	705	7,170	681	9		4	2	2	3	143
PACIFIC:											
Washington.....	262,694	29,569	17,761	11,321	459		142	84	5	67	2,751
Oregon.....	17,508	225,102	18,184	3,729	235		82	22	5	15	901
California.....	9,143	17,330	963,996	15,759	198	19	3,191	326	342	112	3,938

MIGRATION OF NATIVE POPULATION FROM AND TO EACH STATE: 1910.



POPULATION OF FOREIGN BIRTH AND FOREIGN PARENTAGE, BY COUNTRY OF ORIGIN.

INTRODUCTION.

This chapter presents statistics as to the origin of the large foreign element in the population of the United States. More specifically, it distributes the foreign-born whites, and likewise the total foreign born, according to country of birth; the native whites whose parents were both born abroad, according to the country of birth of the parents; and the native whites with one foreign-born parent, the other being native, according to the country of birth of the foreign-born parent. It also distinguishes the persons born in certain foreign countries, according to mother tongue, and gives the total number of males and females born in each foreign country. Statistics are given for geographic divisions, states, and principal cities, and for the urban and rural population of the several geographic divisions. Persons living in Alaska, Hawaii, Porto Rico, and other outlying possessions of the United States are not included, but, on the other hand, persons living in the United States proper who were born in any of these outlying possessions are treated as natives and not as foreign born.

The importance of the foreign element may be seen from the fact that of the 91,972,266 inhabitants of the United States in 1910, no less than 13,515,886, or 14.7 per cent, were born in some foreign country. In addition, there were 12,916,311 native whites of foreign parentage, forming 14 per cent of the total population, and 5,981,526 native whites of mixed (native and foreign) parentage, forming 6.5 per cent of the total. These three classes—without considering the small number of native nonwhites of foreign or mixed parentage—together numbered 32,413,723, or 35.2 per cent of the population of the country.

Some of the tables, as already indicated, relate to the total foreign-born population, and others only to the foreign-born whites. Of the 13,515,886 persons of foreign birth in 1910, 13,345,545 were whites, the remainder, which was only 170,341, representing chiefly Chinese and Japanese, and negroes (mainly from the West Indies). In most cases the total number born in a given country is substantially the same as the number of whites born in that country.

Definition of terms.—For brevity the Census Bureau has adopted the term "foreign white stock" to indicate the combined total of three classes, namely, the foreign-born whites themselves, the native whites of foreign parentage, and the native whites of mixed parentage. It has also adopted the term "country of origin" to express, in the case of the foreign born, the country of birth of the person enumerated, in the case of the native whites of foreign parentage, the country

in which both of the foreign parents were born, and, in the case of the native whites of mixed parentage, the country in which the foreign parent was born. The combined total of all persons in these three classes for whom the same country of origin is shown is designated as the foreign white stock derived from that country. It will be noted, of course, that in the case of some of the native whites of foreign parentage the two parents were not born in the same foreign country. Such persons are classified, in the tables showing the country of origin of the native whites of foreign parentage, as persons of "mixed foreign parentage." They must, of course, be clearly distinguished from the persons of mixed native and foreign parentage, usually called, more briefly, of "mixed parentage."

On account of the variety of races represented among the immigrants from certain foreign countries, the Census Bureau has avoided the use of such terms as "Germans," "Russians," "Austrians," and the like, to designate the persons born in Germany, Russia, Austria, or other countries. Confusion would arise from identifying country of birth with race or nationality. Persons born in Germany, for example, are not all Germans, while, conversely, there are many Germans who were born in other countries, particularly Austria, Switzerland, and Russia.

Mother-tongue statistics.—An amendment to the Thirteenth Census act called for statistics of the "nationality or mother tongue" of the foreign-born population and of the parents of the native population of foreign or mixed parentage. It was found expedient, in order to place the statistics on a definite basis, to call simply for the "mother tongue." This term is generally understood to mean the language of customary speech before immigration, although in the home countries of certain classes of foreigners the language of customary speech at the present time is not the language, or any modification of the language, of their distant ancestors. For example, most of the Scotch speak English and not Gaelic. In some such cases the ancestral language, rather than that of customary use, was doubtless reported.

Full statistics as to mother tongue will appear in a special report. Such statistics, however, are chiefly significant with reference to the natives of five countries—Germany, Austria, Hungary, Russia, and Canada—and only for such persons are mother-tongue statistics presented in this Abstract. Immigrants from Canada include many French-speaking as well as many English-speaking people, while the very numerous immigrants from each of the other four

countries include a number of widely differing racial groups. There is also a considerable mixture of races in the case of the immigrants from Belgium, part of whom speak French and part Flemish; of those from Switzerland, part of whom speak German, part French, and part Italian, respectively; and of those from the Balkan peninsula. In view, however, of the comparatively small number of the foreign born in the United States who have come from Belgium, Switzerland, and the Balkan peninsula, statistics for them by mother tongue are not included in this Abstract. For natives of most of the other countries from which the United States has mainly derived its foreign-born population, statistics as to mother tongue would add little information of value, since practically all persons from these countries speak the mother tongue indicated by the name of the country. For example, substantially all of the foreign born from Sweden speak Swedish, and of those from Italy almost all speak Italian; while, conversely, practically all of the immigrants whose mother tongue was Swedish or Italian have come from Sweden or Italy, as the case may be.

It may be noted further that statistics as to the mother tongue of persons born in the United Kingdom of Great Britain and Ireland would throw little light upon racial origin. Most of the Scotch and the Irish ordinarily speak the English language, and, while some of them reported Gaelic or Irish as their mother tongue, most reported English. Consequently, statistics of the number born in Scotland or in Ireland give a more accurate idea of the number of Scotch or Irish from the United Kingdom than would be obtained from the number reporting the respective mother tongues; and the same is also true of persons born in Wales.

UNITED STATES AS A WHOLE.

Total foreign born, by country of birth: 1910 and 1900.—The sources of the foreign-born population of the United States in 1910 and 1900, respectively, are summarized in Table 1, in which the countries of birth are arranged geographically.

While every geographic division of the world is represented in the foreign-born population of the United States, by far the greater proportion of that population has come from Europe. Persons of European birth constituted 87.2 per cent of the total foreign born in 1910. Most of the remainder were from the American continent, chiefly from Canada.

Of the total foreign-born population, 49.9 per cent were from the countries of northwestern Europe and 37.4 per cent from the countries of southern and eastern Europe. Germany and Ireland were the most important countries of the former group in contributing to the population of the United States, and Russia and Finland, Austria-Hungary, and Italy the most important of the latter group.

Among the countries of birth of the foreign-born population of the United States, Germany held first

place in 1910, with 2,501,333, or 18.5 per cent, of the total foreign born. Next in importance were Austria-Hungary, with 12.4 per cent; Russia 11.9 per cent; Ireland, 10 per cent; Italy, 9.9 per cent; and the Scandinavian countries as a group, 9.3 per cent; Great Britain (England, Scotland, and Wales), 9 per cent; and Canada and Newfoundland, 9 per cent. These countries together contributed nine-tenths of the total foreign-born population of the United States enumerated in 1910.

Table 1. COUNTRY OF BIRTH.	1910		1900		INCREASED 1900-1910	
	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent.
Total foreign born.....	13,515,886	100.0	10,341,276	100.0	3,174,610	30.7
Europe.....	11,791,841	87.2	8,871,780	85.8	2,920,061	32.9
<i>Northwestern Europe</i>	6,740,400	49.9	7,016,311	67.8	-275,911	-3.9
Great Britain.....	1,221,283	9.0	1,167,623	11.3	53,660	4.6
England.....	877,719	6.5	840,515	8.1	37,204	4.4
Scotland.....	261,076	1.9	233,524	2.3	27,552	11.8
Wales.....	82,488	0.6	93,586	0.9	-11,098	-11.9
Ireland.....	1,352,251	10.0	1,615,439	15.6	-263,208	-16.3
Germany.....	2,501,333	18.5	2,819,928	27.2	-318,595	-11.1
Scandinavian countries.....	1,250,733	9.3	1,072,092	10.4	178,641	16.7
Norway.....	403,877	3.0	336,388	3.3	67,489	20.1
Sweden.....	665,207	4.9	582,014	5.6	83,193	14.3
Denmark.....	181,649	1.3	153,690	1.5	27,959	18.2
Netherlands (Holland), Belgium, and Luxembourg.....	172,334	1.3	127,719	1.2	44,615	35.1
Netherlands.....	126,063	0.9	94,931	0.9	31,132	26.5
Belgium.....	49,400	0.4	29,777	0.3	19,623	66.0
Luxembourg.....	3,071	(?)	3,031	(?)	40	1.3
France.....	117,418	0.9	104,197	1.0	13,221	12.7
Switzerland.....	124,848	0.9	115,569	1.1	9,259	8.0
<i>Southern and Eastern Europe</i>	5,048,583	37.4	1,832,694	17.7	3,215,889	175.4
Portugal.....	59,360	0.4	30,668	0.3	28,692	93.9
Spain.....	22,108	0.2	7,650	0.1	15,058	213.6
Italy.....	1,813,123	13.4	484,927	4.7	1,328,196	177.5
Russia and Finland.....	1,732,462	12.8	640,743	6.2	1,091,719	170.4
Russia.....	1,602,782	11.9	578,102	5.6	1,024,680	177.2
Finland.....	129,680	1.0	62,641	0.6	67,039	107.0
Austria-Hungary.....	1,670,582	12.4	687,008	6.2	1,033,574	162.3
Austria.....	1,174,973	8.7	491,295	4.8	683,678	139.2
Hungary.....	495,609	3.7	145,714	1.4	349,895	240.1
Balkan peninsula.....	230,946	1.6	.....	.....	.....	.....
Roumania.....	63,923	0.5	15,032	0.1	50,891	338.6
Bulgaria.....	11,498	0.1	(?)	(?)	.....	.....
Servia.....	4,639	(?)	(?)	(?)	.....	.....
Montenegro.....	5,374	(?)	(?)	(?)	.....	.....
Greece.....	101,292	0.7	8,515	0.1	92,777	1,080.5
Turkey in Europe.....	32,230	0.2	4,910	0.1	.....	.....
Country not specified.....	2,858	(?)	6,275	0.2	.....	.....
Asia.....	191,484	1.4	120,248	1.2	71,236	58.2
China.....	56,756	0.4	81,534	0.8	-24,778	-30.4
Japan.....	67,744	0.5	24,788	0.2	42,956	173.3
India.....	4,664	(?)	2,061	(?)	2,633	129.6
Turkey in Asia.....	59,729	0.4	(?)	(?)	.....	.....
All other countries.....	2,591	(?)	11,896	0.1	-9,304	-78.2
America⁶.....	1,489,231	11.0	1,317,380	12.7	171,851	13.0
Canada and Newfoundland.....	1,209,717	9.0	1,179,922	11.4	29,795	2.5
Canada—French.....	385,083	2.8	7,385,126	3.8	-10,043	-2.5
Canada—Other.....	819,554	6.1	7,784,796	7.6	34,738	4.4
Newfoundland.....	5,080	(?)	.....	.....	.....	.....
West Indies ⁷	47,835	0.4	25,435	0.2	22,200	87.3
Cuba.....	15,133	0.1	11,081	0.1	4,052	36.6
Other West Indies.....	32,502	0.2	14,354	0.1	18,148	126.4
Mexico.....	221,915	1.6	103,359	1.0	118,556	114.6
Central and South America.....	4,964	0.1	8,630	0.1	4,334	15.5
Central America.....	1,736	(?)	3,897	(?)	-2,161	-55.5
South America.....	8,228	0.2	4,733	(?)	3,495	73.8
All other.....	43,330	0.3	31,868	0.3	11,462	36.0
Africa.....	3,902	(?)	2,538	(?)	1,454	57.3
Australia.....	9,035	0.1	6,807	0.1	2,228	32.7
Atlantic Islands.....	18,274	0.1	9,768	0.1	8,506	87.1
Pacific Islands.....	2,415	(?)	2,013	(?)	402	20.0
Country not specified.....	2,548	(?)	2,548	(?)	.....	.....
Born at sea.....	6,927	0.1	8,196	0.1	-1,269	-15.5

¹ A minus sign (—) denotes decrease.

² Less than one-tenth of 1 per cent.

³ Included under "Country not specified" in 1900.

⁴ Figures for Turkey in Asia included with those for Turkey in Europe in 1900.

⁵ Includes 29,324 persons reported as born in Poland, without specification as to whether German, Austrian, or Russian Poland.

⁶ Outside of the United States.

⁷ Newfoundland included with Canada for 1900.

⁸ Except Porto Rico.

FOREIGN-BORN POPULATION, BY PRINCIPAL COUNTRIES OF BIRTH: 1910 AND 1900.

TOTAL FOREIGN BORN, 1910: 13,515,885



TOTAL FOREIGN BORN, 1900: 10,341,276

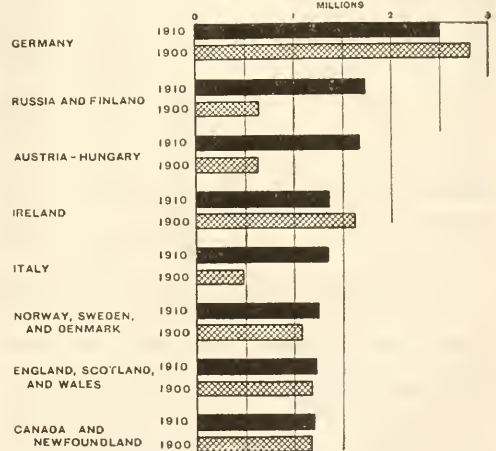


An important change has come about in recent years with respect to the countries from which our immigrants are chiefly drawn. Of course, this change is shown less obviously by the statistics of the foreign-born population as enumerated at the several decennial censuses than by the immigration statistics, since survivors of earlier immigration are still numerous. Nevertheless, a conspicuous change is shown by a comparison of the census returns for 1910 and those for 1900, as appears from Table 1 and the three diagrams on this page. While the proportion of Europeans in the total foreign-born population was about the same at both censuses (85.8 per cent in 1900 and 87.2 per cent in 1910), persons from northwestern Europe constituted 67.8 per cent of the total number of foreign born in 1900, but only 49.9 per cent in 1910. On the other hand, southern and eastern Europeans formed only 17.7 per cent of the total in 1900, as compared with 37.4 per cent 10 years later. Persons born in each individual country of northwestern Europe except Belgium formed a smaller proportion of the foreign born in 1910 than in 1900, while persons born in each country of southern and eastern Europe formed a larger proportion.

The factors in this change in the composition of the foreign-born population can readily be seen by comparing the increases from 1900 to 1910 in the number of persons born in the respective countries. The increase in the total number of foreign born was 3,174,610. The increase in the number of southern and eastern Europeans was 3,215,659, or more than the increase in the total, while there was a decrease of 275,911 in the number of persons reported as born in northwestern Europe. This decrease, however, was wholly in the number from Germany, Ireland, and

Wales, which fell off, respectively, 11.1, 16.3, and 11.9 per cent. The other countries of northwestern Europe were represented by larger numbers in the foreign-born population of the United States in 1910 than in 1900, the percentages of increase ranging from 4.4 for England to 66 for Belgium. The percentages of increase for all of the countries of southern and eastern Europe were large—for example, 1,089.5 per cent for Greece, 177.5 per cent for Italy, 170.4 per cent for Russia and Finland, and 162.3 per cent for Austria-Hungary.

FOREIGN-BORN POPULATION, BY PRINCIPAL COUNTRIES OF BIRTH: 1910 AND 1900.



The number of persons of Asiatic birth in the population of the United States increased very considerably from 1900 to 1910, the marked decrease in the number

of persons reported as born in China being offset by increases in the number from Japan and Turkey in Asia. The increase in the number of persons born in American countries outside of the United States was 13 per cent, by far the larger part of the increase being contributed by Mexico.

Considering only individual countries, and not the groups of countries shown in Table 1, the following were, in order of rank, the ten leading countries with respect to the numbers contributed to the foreign-born population of the United States as reported in 1910 and 1900, respectively:

1910	1900
Germany.	Germany.
Russia.	Ireland.
Ireland.	Canada.
Italy.	England.
Canada.	Sweden.
Austria.	Russia.
England.	Austria.
Sweden.	Italy.
Hungary.	Norway.
Norway.	Scotland.

Comparative statistics: 1860 to 1910.—Table 2 shows the number of foreign born, by country of birth, for each census from 1860 to 1910, the countries being arranged alphabetically.

This table emphasizes even more strikingly than Table 1 the change which has taken place in the composition of the foreign-born population of the United States. Thus persons born in Germany constituted 30.5 per cent of the total number of foreign born in 1860, but only 18.5 per cent in 1910. The corresponding percentages for Ireland were 38.5 and 10; for England, Scotland, and Wales combined, 14.1 and 9. On the other hand, persons born in Italy constituted only 0.3 per cent of the total in 1860, as compared with 9.9 per cent in 1910, while the percentages for Russia (including Finland) at the respective censuses were 0.1 and 12.8, and for Austria, 0.6 and 8.7.

Fewer persons were reported as born in Ireland at the census of 1910 than at any census from 1860 to 1900. The number from Wales was less in 1910 than in 1880, 1890, or 1900. The natives of Germany and England were less numerous in 1910 than in 1890.

FOREIGN-BORN POPULATION, BY COUNTRY OF BIRTH: 1860-1910.

COUNTRY OF BIRTH.	FOREIGN-BORN POPULATION.						PER CENT OF TOTAL FOREIGN BORN.					
	1910	1900	1890	1880	1870	1860	1910	1900	1890	1880	1870	1860
All foreign countries	13,515,888	10,341,276	9,249,560	6,679,943	5,567,229	4,188,058	100.0	100.0	100.0	100.0	100.0	100.0
Austria.....	1,174,973	491,295	241,377	124,024	70,797	25,061	8.7	4.8	2.6	1.9	1.3	0.6
Belgium.....	49,400	29,757	22,639	15,435	12,553	9,072	0.4	0.3	0.2	0.2	0.2	0.2
Canada—French ²	385,083	395,126	302,496	717,157	493,464	249,970	2.8	3.8	3.3	10.7	8.9	6.0
Canada—Other ²	819,554	784,796	678,442	104,468	63,042	35,565	6.1	7.6	7.3	1.6	1.1	0.8
China.....	56,756	81,594	106,701	16,401	11,570	7,353	0.4	0.8	1.2	1.6	1.1	0.8
Cuba and other West Indies.....	347,635	325,435	23,256	16,401	11,570	7,353	0.4	0.2	0.3	0.2	0.2	0.2
Denmark.....	181,649	153,690	132,543	64,196	30,107	9,962	1.3	1.5	1.4	1.0	0.5	0.2
England.....	877,719	840,513	999,022	684,160	555,046	433,494	6.5	8.1	9.8	9.9	10.0	10.4
France.....	117,418	104,197	113,174	106,971	116,402	109,870	0.9	1.0	1.2	1.6	2.1	2.6
Germany ¹	2,501,333	2,813,628	2,784,894	1,966,742	1,690,533	1,276,075	18.5	27.2	30.1	29.4	30.4	30.5
Greece.....	101,282	8,515	1,887	776	390	328	0.7	0.1	(*)	(*)	(*)	(*)
Hungary.....	495,609	145,714	62,435	11,526	3,737	3,737	3.7	1.4	0.7	0.2	0.1	.....
Ireland.....	1,352,251	1,615,459	1,871,509	1,854,371	1,855,827	1,611,304	10.0	15.6	20.2	27.8	33.3	38.5
Italy.....	1,343,125	484,027	182,580	44,230	17,157	11,677	9.9	4.7	2.0	0.7	0.3	0.3
Japan.....	67,744	24,788	2,292	401	73	.....	0.5	0.2	(*)	(*)	(*)	.....
Mexico.....	221,915	103,393	77,853	68,399	42,435	27,466	1.6	1.0	0.8	1.0	0.8	0.7
Netherlands (Holland).....	120,063	94,931	81,828	58,090	46,802	28,281	0.9	0.9	0.9	0.9	0.8	0.7
Norway.....	403,877	336,388	322,665	181,729	114,246	43,995	3.0	3.3	3.5	2.7	2.1	1.1
Portugal.....	59,360	30,608	15,996	8,138	4,542	4,116	0.4	0.3	0.2	0.1	0.1	0.1
Russia ¹ and Finland.....	1,732,462	640,743	182,644	35,722	4,644	3,160	12.8	6.2	2.0	0.5	0.1	0.1
Scotland.....	261,076	233,524	242,231	170,136	140,835	108,518	1.9	2.3	2.6	2.5	2.5	2.6
Spain.....	22,108	7,050	6,185	5,121	3,764	4,244	0.2	0.1	0.1	0.1	0.1	0.1
Sweden.....	665,207	582,014	478,041	194,337	97,332	18,625	4.9	5.6	5.2	2.9	1.7	0.4
Switzerland.....	124,848	115,593	104,069	88,621	75,153	53,327	0.9	1.1	1.1	1.3	1.3	1.3
Turkey in Asia.....	59,729	9,910	1,839	1,205	302	128	0.4	0.1	(*)	(*)	(*)	(*)
Turkey in Europe.....	32,230	.....	.....	.....	.....	.....	0.2	.....	.....	.....	.....	.....
Wales.....	82,488	63,586	100,079	83,302	74,533	45,763	0.6	0.9	1.1	1.2	1.3	1.1
All other countries ¹	158,992	95,662	200,813	93,965	41,943	70,704	1.2	0.9	2.2	1.4	0.8	1.7

¹ For the censuses from 1870 to 1890, inclusive, persons reported as born in Poland are included under "All other countries;" for the censuses of 1910 and 1900 (so far as possible), they are distributed under Austria, Germany, and Russia, respectively.
² Includes Newfoundland prior to 1910.
³ Except Porto Rico.
⁴ Less than one-tenth of 1 per cent.

Immigration in relation to the foreign-born population.—The statistics of the foreign born presented above make no distinction as to length of residence in the United States; they include those who have been in this country 50 years or more, as well as immigrants who arrived during the first three months of 1910, just before the census was taken. The increase of 3,174,610 in the number of foreign born from 1900 to 1910 does not represent, of course, the number of

immigrants who came to the United States during those 10 years. The foreign born are constantly being drawn upon by return migration and death, and immigration must make up for these losses before there can be any increase in the total number. The immigration statistics for the several decades, however, go far to explain the changes from census to census in the composition of the foreign-born population. A remarkable decrease in the proportion of

immigrants from northwestern Europe and a striking increase in the proportion from southern and eastern Europe form conspicuous features of immigration statistics for the past decade, as compared with those for earlier decades. For the 10 years between the taking of the censuses of 1900 and 1910 the total immigration was about 8,500,000.¹ Of this total, about 6,100,000, or 72 per cent, were from southern and eastern Europe, and about 1,800,000, or 21 per cent, from northwestern Europe—the latter being less than one-third the number from the southern and eastern countries.

While there was an immigration of about 8,500,000 between 1900 and 1910, the census shows only 5 088,084 persons in the United States in 1910 who had arrived after January 1, 1901, which would justify an estimate of 5,250,000 as the total number of persons enumerated in 1910 (April 15) who had arrived since the preceding census. The difference between the latter and the total immigration, about 3,250,000, represents in large part immigrants who returned to their own country, and, to a small extent, those who

died between their arrival and the date of the enumeration. The estimate of 5,250,000 represents the contribution to our population of the immigration of the last 10 years. As already stated, the increase in the foreign-born population between the two censuses was only 3,174,610. The difference of more than two millions may be assumed to be the approximate number of deaths between 1900 and 1910 of the foreign-born who were enumerated in 1900. It may be assumed that these deaths were much more numerous among persons born in northwestern Europe than among those born in southern and eastern Europe, because the former were a much larger class and at the same time, having been here much longer, were more advanced in years, and therefore subject to a higher death rate. As a result of these combined influences there has been a decrease in the foreign-born population from northwestern Europe, as compared with a great increase in that derived from southern and eastern Europe.

Foreign-born population, by sex.—Table 3 shows, by sex, the foreign-born population of the United States in 1910, classified according to country of birth.

COUNTRY OF BIRTH.	FOREIGN-BORN POPULATION: 1910			COUNTRY OF BIRTH.	FOREIGN-BORN POPULATION: 1910		
	Male.	Female.	Males to 100 females.		Male.	Female.	Males to 100 females.
All foreign countries.....	7,667,748	5,848,138	131.1	Ireland.....	611,556	740,685	82.6
Austria.....	713,455	461,518	154.6	Italy.....	880,904	462,221	190.6
Belgium.....	29,893	19,505	153.3	Japan.....	6,758	6,986	869.7
Bulgaria, Servia, and Montenegro.....	19,730	1,781	1,107.8	Mexico.....	136,677	85,238	160.3
Canada, total.....	605,956	598,681	101.2	Netherlands (Holland).....	68,363	51,700	132.2
French.....	201,164	183,919	109.4	Norway.....	230,156	173,721	132.5
Other.....	404,792	414,762	97.6	Portugal.....	35,815	23,545	152.1
China.....	54,968	1,788	3,074.3	Romania.....	16,755	5,323	315.3
Cuba and other West Indies.....	26,764	20,871	128.2	Russia.....	927,219	675,563	137.3
Denmark.....	109,120	72,529	150.5	Scotland.....	144,659	116,417	124.3
England.....	477,320	490,399	119.2	Spain.....	16,755	8,323	315.3
Finland.....	79,098	50,582	156.4	Sweden.....	369,653	295,254	125.3
France.....	65,285	52,133	125.2	Switzerland.....	72,726	52,122	139.5
Germany.....	1,337,775	1,163,558	115.0	Turkey in Asia.....	40,467	19,262	210.1
Greece.....	85,447	7,835	1,122.7	Turkey in Europe.....	28,524	3,706	769.7
Hungary.....	305,543	190,066	160.8	Wales.....	45,397	37,091	122.4
				All other countries.....	42,912	28,646	149.8

¹ Except Porto Rico.

In the foreign-born population of the United States as a whole, males greatly outnumber females, the ratio in 1910 being 131.1 males to 100 females. Ireland is the only country shown in the table which has contributed a larger number of females than of males to the population of this country, although persons born in Canada of other than French descent showed a slight excess of females over males in 1910, which was more than offset by the excess of males over females among those born in Canada of French descent. Among persons born in Bulgaria, Servia, or Montenegro, in China, Greece, Japan, and in Turkey in Europe who resided in the United States in 1910, the males were many times as numerous as the females, and among persons born in Spain and in

¹ Since the census of 1900 was taken as of June 1 and that of 1910 as of April 15, there have been added to the immigration figures for the fiscal year ended June 30, 1901, those for the month of June, 1900; and from the figures for the fiscal year ended June 30, 1910, there have been subtracted those for April, May, and June, 1910.

Turkey in Asia the males were more than twice as numerous as the females. In the case of persons from all the countries of southern and eastern Europe from which recent immigration has largely been drawn there was a very marked excess of males. The number of males to 100 females in 1910 was 154.6 for persons born in Austria, 160.8 for persons born in Hungary, 190.6 for persons born in Italy, and 137.3 for persons born in Russia. There is much less disparity between the sexes in the case of the foreign born from the leading countries of northwestern Europe. These differences accord with the well-known fact that the immigrants of the earlier days, who came mainly from northwestern Europe, came to a large extent in families and settled permanently in this country, while much of the immigration from southern and eastern Europe consists of single men and of married men who have come only for a temporary stay and have left their families in their home countries.

Population from Germany, Austria, Hungary, and Russia, by mother tongue.—For reasons stated in the Introduction, statistics of mother tongue are presented in detail for persons born in Germany, Austria, Hungary, and Russia. Table 4 shows, for the United States as a whole and its geographic divisions, the number of white persons born in each of the four countries just named who were enumerated in 1910, distinguished according to mother tongue. The only other statistics of mother tongue presented in this chapter relate to persons of (Canadian birth, distinction being made, however, only between those speaking French and all others, the latter consisting almost wholly of persons speaking English. This distinction is carried through all the tables giving country of birth.

The great bulk of the foreign-born whites from Germany speak German (90.4 per cent of the total enumerated in 1910), but there are also a considerable number speaking Polish. Among the foreign-born whites who were born in Austria the most important group consists of those speaking Polish, who constituted 28 per cent of the total in 1910, followed by those speaking Bohemian, German, Yiddish and Hebrew, and Slovenian, in the order named. Of the persons reported as born in Hungary, 46 per cent gave their mother tongue as Magyar, 21.8 per cent as Slovak, and 14.8 per cent as German, 17.5 per cent reporting other languages.

Of the white persons born in Russia, more than one-half (52.3 per cent) gave their mother tongue as Yiddish (including those reporting Hebrew), which is the prevailing language of the Jews throughout a large part of Europe, while more than a quarter (26.1 per cent) reported Polish as the mother tongue. There were also a considerable number who reported Lithuanian and German, while the number who gave Russian as their mother tongue was comparatively small, only 2.5 per cent of the total.

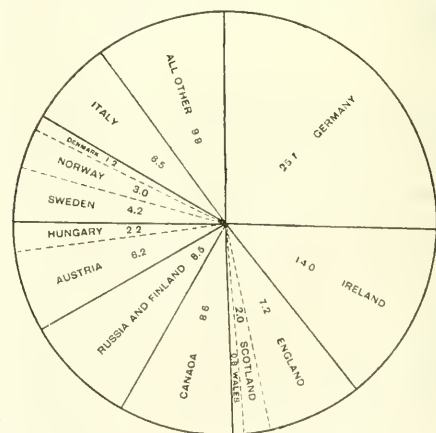
Previous censuses distinguished persons born in Poland, although Poland is not an independent nation, having been partitioned among Russia, Germany, and Austria. The total number of persons reported at the census of 1900 as born in Poland was 383,407.¹ At the census of 1910 Poland was not distinguished as a country of birth, but the approximate number of persons born in the former kingdom of Poland may be determined from the total number reported as speaking the Polish language who were natives of Germany, Austria, or Russia. Such persons numbered 937,884, of whom 190,096 were reported as born in Germany, 329,418 as born in Austria, and 418,370 as born in Russia. A few of these were doubtless born outside the territorial limits of the former

kingdom of Poland. The returns for 1900 distinguish Russian, German, and Austrian Poland; and on the basis of this distinction, persons reported as born in Poland have been distributed under Russia, Germany, and Austria, respectively, in the comparative tables, but for earlier censuses they have been included under "all other countries."

Foreign white stock, by country of origin.—The total foreign white stock in the United States in 1910 numbered 32,243,382, of whom 13,345,545, or 41.4 per cent, were foreign born, 12,916,311, or 40.1 per cent, were native whites of foreign parentage, and 5,981,526, or 18.6 per cent, were native whites of mixed parentage. The distribution of this foreign white stock by country of origin is shown in Table 5, on page 194, which distinguishes between the three classes of persons just named, and gives comparative figures for 1900 so far as available. The relative importance of the leading countries of origin is shown for 1910 in the diagram below.

Table 5, page 194, shows, for example, that in 1910 there were 8,282,618 white persons in the United States having Germany as their country of origin, comprising 2,501,181 who were born in Germany, 3,911,847 born in the United States both of whose parents were born in Germany, and 1,869,590 born in the United States and having one parent born in the United States and the other in Germany. It will be noted that this total does not include all native white persons who had one parent born in Germany. In the case of some native whites one parent was born in Germany and the other in some other foreign country; these are included under the designation "persons of mixed foreign parentage," and not with those having Germany as their country of origin.

FOREIGN WHITE STOCK, BY PRINCIPAL COUNTRIES OF ORIGIN: 1910.



¹ This figure may be an understatement, because of the possibility that some of the persons born in the former kingdom of Poland gave their birthplace as Germany, Austria, or Russia.

COUNTRY OF ORIGIN.

193

WHITE PERSONS BORN IN GERMANY, AUSTRIA, HUNGARY, AND RUSSIA, CLASSIFIED BY MOTHER TONGUE, BY DIVISIONS: 1910.

Table 4 COUNTRY OF BIRTH AND MOTHER TONGUE.	UNITED STATES.		GEOGRAPHIC DIVISION.								
	Number.	Per cent.	New England.	Middle Atlantic.	East North Central.	West North Central.	South Atlantic.	East South Central.	West South Central.	Mountain.	Pacific.
Germany	2,501,181	100.0	70,281	754,933	921,417	428,531	63,239	28,518	69,737	42,857	123,644
German.....	2,269,256	90.4	65,798	693,972	790,068	400,543	56,645	27,475	65,191	40,870	119,134
Polish.....	190,096	7.6	2,845	47,699	115,358	15,518	4,403	316	2,539	589	1,216
Yiddish and Hebrew.....	7,910	0.3	805	4,215	1,740	365	205	69	91	64	256
Dutch and Frisian.....	6,510	0.3	73	1,010	3,075	1,710	132	43	78	128	231
Bohemian and Moravian.....	6,263	0.3	126	827	2,933	1,416	22	22	370	125	222
Danish.....	5,232	0.2	231	559	1,233	1,803	36	19	55	199	1,106
French.....	3,151	0.1	166	1,170	835	362	45	59	120	72	311
Lithuanian and Lettish.....	1,486	0.1	119	448	468	210	79	11	65	41	45
Slavic (not specified) ¹	698	(?)	6	189	257	82	8	.....	116	33	10
Magyar.....	564	(?)	13	190	255	47	23	4	9	4	19
Russian.....	832	(?)	20	211	156	72	11	21	12	14	35
All other.....	18,433	0.7	356	4,557	4,499	4,353	1,330	486	1,091	758	1,023
Austria	1,174,924	100.0	69,583	553,546	317,422	118,281	20,272	2,989	27,318	32,325	35,149
Polish.....	329,418	28.0	49,615	157,133	96,366	12,459	5,360	474	2,099	3,067	2,855
Bohemian and Moravian.....	219,214	18.7	2,927	34,071	96,939	55,283	5,000	338	17,275	3,446	3,060
German.....	157,917	13.4	5,413	72,027	38,262	19,238	2,935	1,037	4,226	4,979	9,640
Yiddish and Hebrew.....	124,588	10.6	3,179	113,961	5,241	694	488	153	252	173	417
Slovenian.....	117,740	10.0	2,595	52,775	33,504	9,182	2,252	345	1,091	7,460	8,536
Croatian.....	* 68,602	5.8	313	27,081	20,933	8,948	1,243	82	455	5,027	4,200
Slovak.....	55,766	4.7	2,507	39,855	9,037	1,410	1,071	71	130	964	721
Ruthenian.....	* 17,169	1.5	676	14,062	1,381	790	181	2	5	28	44
Russian.....	13,781	1.2	823	11,382	703	597	138	3	63	25	47
Servian.....	* 11,693	1.0	14	2,724	4,474	1,867	70	6	11	216	1,311
Slavic (not specified) ¹	11,196	1.0	196	8,271	1,764	176	84	9	19	519	158
Italian.....	* 10,774	0.9	478	3,588	2,830	358	64	47	201	2,933	725
Roumanian.....	3,399	0.3	25	1,426	1,443	312	44	2	13	54	80
Lithuanian and Lettish.....	1,399	0.1	66	933	239	62	29	.....	20	6	44
Greek.....	839	0.1	12	723	19	56	11	3	6	6	8
All other.....	31,429	2.7	644	13,634	4,777	4,784	1,302	389	1,425	2,432	2,142
Hungary	435,600	100.0	16,907	267,949	162,259	24,271	10,599	1,742	1,956	4,296	5,621
Magyar.....	227,742	46.0	10,458	123,411	75,730	6,149	6,231	682	817	1,620	2,644
Slovak.....	107,954	21.8	4,339	66,420	31,500	2,352	1,611	244	358	642	488
German.....	73,338	14.8	783	31,073	27,859	9,900	1,029	379	249	654	1,412
Yiddish and Hebrew.....	19,886	4.0	331	16,842	2,265	211	74	24	12	45	72
Roumanian.....	15,679	3.2	57	2,909	10,342	1,603	352	15	27	96	138
Croatian.....	* 9,650	1.8	146	2,261	4,550	1,311	227	7	55	441	62
Slovenian.....	5,510	1.1	241	3,202	1,424	287	56	11	45	126	118
Slavic (not specified) ¹	6,837	1.4	45	4,870	1,743	67	79	18	.....	9	6
Servian.....	5,018	1.0	24	1,592	2,253	593	144	57	19	224	112
Ruthenian.....	* 4,465	0.9	50	3,871	460	46	27	.....	.....	8	3
Polish.....	2,637	0.5	66	1,971	463	88	27	3	7	3	9
Bohemian and Moravian.....	1,755	0.4	19	611	743	227	44	5	46	25	35
Russian.....	1,490	0.3	47	1,038	238	50	4	2	4	6	11
Bulgarian.....	1,332	0.3	186	442	270	159	58	23	37	79	148
All other.....	12,967	2.6	145	7,436	2,419	1,228	636	132	280	318	373
Russia	1,602,752	100.0	192,697	832,498	274,983	118,682	49,141	8,152	14,108	18,592	32,889
Yiddish and Hebrew.....	838,193	52.3	97,292	560,549	100,782	30,880	24,498	4,602	4,023	4,807	10,760
Polish.....	418,370	26.1	55,628	218,894	105,908	12,857	14,646	1,118	2,673	1,987	4,559
Lithuanian and Lettish.....	137,046	8.6	29,165	57,501	41,267	3,276	3,509	98	633	424	1,233
German.....	121,638	7.6	3,573	14,116	15,063	61,454	1,254	865	4,976	9,011	11,321
Russian.....	40,542	2.5	3,348	24,581	5,307	2,712	1,788	344	363	558	1,541
Finnish.....	* 5,865	0.4	1,031	776	1,817	696	56	10	28	401	1,050
Ruthenian.....	113,402	0.2	333	1,908	566	340	71	15	26	35	108
Slovak.....	1,709	0.1	97	1,229	222	20	93	7	3	15	13
Slavic (not specified) ¹	1,658	0.1	57	1,148	249	47	65	28	18	17	31
Greek.....	1,230	0.1	104	663	144	126	45	23	20	15	90
Armenian.....	945	0.1	167	289	85	87	14	4	15	81	203
Bohemian and Moravian.....	898	0.1	41	88	140	489	55	28	4	36	4
Swedish.....	622	(?)	191	163	97	30	4	8	3	6	88
All other.....	30,664	1.9	1,725	11,581	3,346	5,668	3,041	1,096	1,201	1,231	1,775

¹ Reported variously, as Slavish, Slavic, Slavonian, and Slavonic; includes, also, a small number of Wendish.
² Less than one-tenth of 1 per cent.
³ Includes 4,307 reporting Dalmatian.
⁴ Includes 728 reporting Little Russian.
⁵ Includes 179 reporting Bosnian, 165 reporting Herzegovinian, and 75 reporting Montenegro.

⁶ Includes 7 reporting Romansh.
⁷ Includes 16 reporting Dalmatian.
⁸ Includes 14 reporting Little Russian.
⁹ Exclusive of Finland.
¹⁰ Includes 138 reporting Estonian and 9 reporting Lapplish.
¹¹ Includes 975 reporting Little Russian.

ABSTRACT OF THE CENSUS—POPULATION.

FOREIGN WHITE STOCK, BY COUNTRY OF ORIGIN: 1910.

COUNTRY OF ORIGIN.	TOTAL FOREIGN WHITE STOCK.					FOREIGN-BORN WHITE.		NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE.					
	Number.		Per cent.		Per cent of increase: 1900-1910	Total.		Both parents born in country specified.		One parent born in country specified, the other in the United States.			
	1910	1900	1910	1900		1910	1900	1910	1900	1910	1900		
All foreign countries.....	32,243,382	25,859,834	100.0	100.0	24.7	13,345,545	10,213,817	18,897,837	15,646,017	12,916,311	10,632,280	5,981,526	5,013,777
Austria.....	2,001,559	850,884	6.2	3.3	135.2	1,174,924	491,259	826,635	359,635	709,070	302,029	117,565	57,595
Belgium.....	89,264	(¹)	0.3	.....	.....	49,397	29,755	39,867	(²)	26,448	(²)	13,419	(²)
Bulgaria, Servia, and Montenegro.	22,685	(¹)	0.1	.....	.....	21,451	(¹)	1,234	(²)	948	(²)	286	(²)
Canada—French ³	932,238	830,335	2.9	3.2	12.3	385,983	384,461	547,155	435,874	330,976	265,947	216,179	169,927
Canada—Other ⁴	1,822,377	1,637,603	5.7	6.3	11.3	810,987	778,399	1,011,900	839,204	307,291	260,471	704,099	598,733
Denmark.....	400,064	310,127	1.2	1.2	29.0	181,621	153,644	218,443	156,483	147,648	115,173	70,795	41,310
England.....	2,322,442	2,175,741	7.2	8.4	6.8	876,456	839,830	1,145,987	1,333,911	592,285	565,461	853,702	769,459
France.....	292,389	268,292	0.9	1.0	9.0	117,236	104,031	173,153	164,293	78,937	71,293	96,216	92,908
Germany.....	8,282,618	7,961,315	25.7	30.8	4.0	2,501,181	2,813,413	5,781,437	5,147,902	3,911,847	3,569,338	1,869,590	1,578,304
Greece.....	109,665	(¹)	0.3	.....	.....	101,264	8,513	8,491	(²)	5,524	(²)	2,877	(²)
Hungary.....	700,227	218,447	2.2	0.8	220.5	495,600	145,709	204,627	72,738	191,059	66,713	13,558	6,025
Ireland.....	4,904,360	4,826,904	14.0	18.7	-6.7	1,352,155	1,615,232	3,152,205	3,211,672	2,141,577	2,244,241	1,010,628	967,431
Italy.....	2,098,360	727,844	6.5	2.8	188.3	1,343,070	483,963	755,290	243,881	695,187	218,750	60,103	25,131
Mexico.....	382,002	(¹)	1.2	.....	.....	219,802	104,908	162,200	(²)	107,866	(²)	54,334	(²)
Netherlands (Holland).....	293,574	(¹)	0.9	.....	.....	120,053	94,922	173,521	(²)	116,331	(²)	57,190	(²)
Norway.....	979,099	788,758	3.0	3.0	24.1	493,858	336,379	575,241	452,379	410,951	349,220	164,290	103,159
Portugal.....	111,122	(¹)	0.3	.....	.....	57,623	29,766	53,499	(²)	41,686	(²)	11,819	(²)
Roumania.....	87,721	(¹)	0.3	.....	.....	65,920	15,032	21,801	(²)	26,707	(²)	1,094	(²)
Russia and Finland.....	2,752,675	909,435	8.5	3.5	204.7	1,732,421	640,710	1,020,254	262,725	949,316	247,581	79,938	15,144
Scotland.....	639,663	594,297	2.0	2.3	11.0	261,034	233,473	398,629	360,824	175,391	163,991	223,238	196,833
Spain.....	33,134	(¹)	0.1	.....	.....	21,977	6,936	11,157	(²)	4,287	(²)	6,770	(²)
Sweden.....	1,364,215	1,082,388	4.2	4.2	26.0	665,183	581,986	699,032	500,402	546,788	414,772	152,244	85,630
Switzerland.....	301,650	257,426	0.9	1.0	17.2	124,834	115,581	176,816	141,845	90,663	74,951	86,147	66,894
Turkey in Asia.....	78,631	(¹)	0.2	.....	.....	59,702	(¹)	18,929	(²)	17,480	(²)	1,449	(²)
Turkey in Europe.....	35,314	(¹)	0.1	.....	.....	32,221	9,866	9,963	(²)	2,560	(²)	833	(²)
Wales.....	248,947	233,045	0.8	1.0	-1.6	82,479	93,560	166,468	159,485	84,934	86,899	81,534	72,589
All other countries.....	182,245	1,118,841	0.5	4.3	.....	88,014	95,459	72,251	726,654	31,362	559,128	49,919	167,526
Of mixed foreign parentage ⁴	1,177,692	1,056,152	3.7	4.1	11.5	.....	.....	1,177,692	1,056,152	1,177,692	1,056,152	.....	.....

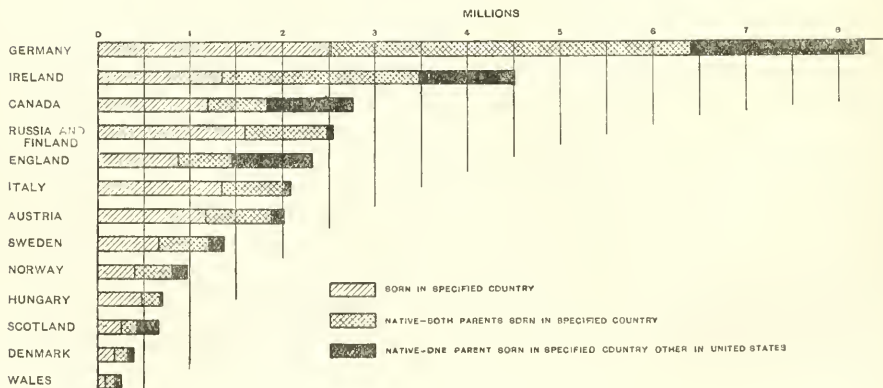
¹ A minus sign (-) denotes decrease.

² Data for 1900 not available; included with "All other countries."

³ Includes Newfoundland for 1900.

⁴ Native whites whose parents were born in different foreign countries; for example, one parent in Ireland and the other in Scotland.

FOREIGN WHITE STOCK, BY PRINCIPAL COUNTRIES OF ORIGIN: 1910.



Of the total white population of foreign stock in 1910, Germany was the country of origin of 8,282,618, or 25.7 per cent; Ireland of 4,504,360, or 14 per cent; Canada of 8.5 per cent; Russia and Finland of 8.5 per cent; England of 7.2 per cent; Italy of 6.5 per cent; and Austria of 6.2 per cent. These seven countries thus account for over three-fourths of the total.

Extraordinary differences appear with respect to the rapidity of increase in the foreign white stock derived from the respective countries. Persons having Ireland and Wales as their countries of origin actually decreased in number from 1900 to 1910. All the other countries for which comparative statistics are presented in the table show an increase in their contributions to the foreign white stock of the United States, the rates of increase ranging from 4 per cent in the case of Germany to 188.3 per cent in the case of Italy, 204.7 per cent in the case of Russia and Finland, and 220.5 per cent in the case of Hungary.

Significant comparisons may be made between the columns in Table 5 showing the number of persons born in a given country and the columns showing the native whites of foreign parentage and the native whites of mixed parentage who had the same country of origin. The differences among the several countries of origin with respect to the relative magnitude of the figures in the three columns are largely due to differences in the dates at which the greatest immigration from those countries occurred. For example, the great bulk of immigration from Germany took place a considerable time ago, and it is but natural that in the population in 1910 the number of persons born in the United States both of whose parents were born in Germany should be greater than the number of persons who were themselves born in Germany. On the other hand, most of the immigration from Italy has taken place in recent years, and the number of natives of Italy was much greater than the number of persons born in the United States of Italian parents or than the combined number of such persons and those with one American and one Italian parent.

In the case of only four of the countries listed did the native whites both of whose parents were born in the specified country outnumber the persons who were themselves born there. These four countries are Germany, Ireland, Norway, and Wales. In several other cases, however, the combined number of native whites of foreign parentage and native whites of mixed foreign and native parentage having a given country of origin exceeded the number of persons themselves born in that country. This is true of Canada, Denmark, England, France, the Netherlands, Scotland, Sweden, and Switzerland.

In the case of all the other countries listed (namely, Austria, Belgium, the combined countries of Bulgaria, Servia, and Montenegro, Greece, Hungary, Italy, Mexico, Portugal, Roumania, Russia and Finland, Spain, Turkey in Asia, and Turkey in Europe) the persons themselves born abroad exceeded the natives of foreign and mixed parentage combined.

The statistics in Table 5 regarding the country of origin of the native whites of mixed parentage are significant, as indicating indirectly the relative extent of intermarriage between persons born in the several foreign countries and native Americans. There are no census data available showing directly the number of such intermarriages, but the last two columns in Table 5 show the number of surviving children of such intermarriages. In 1910 the total of this class was 5,981,526. Native whites of mixed foreign and native parentage whose foreign parent was born in Germany numbered 1,869,590; those with the foreign parent born in Ireland, 1,010,628; in Canada, 920,278; and in England, 853,702. These four groups aggregated 4,654,198, or nearly four-fifths of the total native whites of mixed parentage.

It may be noted further, by comparing the number of native whites both of whose parents were foreign born with the number having one parent foreign born and the other native, that the latter are more numerous than the former in the case of five of the countries of origin listed, namely, Canada, England, Scotland, France, and Spain.

The diagram on the opposite page shows the total number of persons of foreign white stock in 1910 for each of the principal countries of origin, distinguishing in each case the foreign-born whites, the native whites of foreign parentage, and the native whites of mixed parentage.

DIVISIONS AND STATES.

Total foreign born, by divisions.—Table 14, on pages 204 to 207, shows, by geographic divisions, the number of the foreign born of all races combined, distributed according to country of birth, at each census from 1890 to 1910. The table also presents corresponding data by states for 1910 and 1900.

Table 6 distributes, by percentages, the foreign-born population of each geographic division at the last two censuses according to country of birth.¹

¹ A subsequent table (Table 9), which deals with the foreign white stock, distinguishing the foreign-born whites from the native whites of foreign or mixed parentage, furnishes an even more convenient basis for noting the relative importance of the leading countries of birth in contributing to the foreign-born white population of the several geographic divisions. Although it relates only to the whites, in the case of most geographic divisions the percentages are almost the same as those based upon the total foreign born of all races.

PER CENT DISTRIBUTION OF THE FOREIGN-BORN POPULATION BY COUNTRY OF BIRTH, BY DIVISIONS: 1910.

Table 6

PER CENT OF TOTAL FOREIGN-BORN POPULATION.

COUNTRY OF BIRTH.	United States.		New England.		Middle Atlantic.		East North Central.		West North Central.		South Atlantic.		East South Central.		West South Central.		Mountain.		Pacific.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
All foreign countries.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Austria.....	8.7	4.8	3.8	1.6	11.4	6.3	10.3	5.0	7.2	5.0	6.8	3.4	3.4	1.7	7.8	7.6	7.1	4.2	3.7	1.8
Belgium.....	0.4	0.3	0.2	0.1	0.2	0.2	0.7	0.6	0.4	0.3	0.4	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.3
Canada, total.....	8.9	11.4	28.8	35.4	3.1	4.2	8.9	11.3	6.4	8.1	2.9	3.2	4.0	3.7	2.5	2.6	8.1	10.7	10.1	10.0
French.....	2.8	3.8	15.2	19.1	0.6	0.9	1.5	2.1	1.1	1.4	0.2	0.3	0.4	0.3	0.4	1.2	1.9	0.8	1.0	0.8
Other.....	6.1	7.6	13.6	16.5	2.5	3.3	7.4	9.2	5.3	6.7	2.6	2.9	3.6	3.3	2.2	2.2	6.9	8.8	9.3	9.6
China.....	0.4	0.8	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.1	0.4	0.8	0.4	0.4	0.3	0.5	1.0	2.5	3.8	9.8
Cuba and other West Indies.....	0.4	0.2	0.2	0.1	0.4	0.3	(?)	(?)	(?)	(?)	6.1	5.8	0.6	0.3	0.3	0.3	0.1	(?)	0.1	0.1
Denmark.....	1.3	1.5	0.4	0.4	0.4	0.5	1.4	1.5	4.0	3.9	0.4	0.4	0.6	0.4	0.6	0.6	3.8	5.1	2.6	2.6
England.....	6.5	8.1	8.5	9.6	6.3	8.9	5.5	6.9	4.3	5.1	7.6	9.4	8.9	9.5	4.3	5.1	12.0	16.8	8.0	9.5
Finland.....	1.0	0.6	0.8	0.4	0.3	0.2	1.4	0.9	1.8	0.8	0.2	0.1	0.2	0.1	0.1	0.1	2.0	1.8	2.1	1.4
France.....	0.9	1.0	0.6	0.5	0.8	1.0	0.6	0.8	0.6	0.7	0.9	1.1	2.1	2.5	2.4	3.5	0.9	1.0	2.2	2.6
Germany.....	18.5	27.2	3.9	5.1	15.6	25.6	30.0	40.9	26.4	32.4	21.1	34.4	32.5	41.7	19.8	27.6	9.5	11.0	12.9	18.9
Greece.....	0.7	0.1	0.9	0.1	0.3	0.1	0.6	0.1	0.9	(?)	1.5	0.3	1.6	0.2	0.5	0.1	2.9	0.1	1.6	0.1
Hungary.....	3.7	1.4	0.9	0.5	5.5	3.0	5.2	1.0	1.5	0.4	3.5	1.0	2.0	0.9	0.6	0.4	0.9	0.3	0.5	0.2
Ireland.....	10.0	15.6	18.3	26.8	12.7	21.9	5.8	9.1	4.9	7.3	9.2	16.9	11.5	18.0	3.4	5.7	5.9	9.1	7.1	10.3
Italy.....	9.9	4.7	9.8	4.2	16.2	8.8	4.8	1.7	2.4	0.7	12.8	4.9	9.3	4.0	9.0	8.4	7.6	4.7	8.6	4.8
Japan.....	0.5	0.2	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	0.1	(?)	2.3	1.7	5.6	3.4
Mexico.....	1.6	1.0	(?)	(?)	(?)	(?)	(?)	(?)	0.7	(?)	0.1	0.1	0.3	0.2	36.6	26.9	10.1	7.1	3.6	1.5
Netherlands (Holland).....	0.9	0.9	0.1	0.1	0.5	0.6	1.9	2.0	1.3	1.1	0.2	0.2	0.4	0.3	0.3	0.2	0.8	0.4	0.5	0.4
Norway.....	3.0	3.3	0.5	0.4	0.7	0.5	3.2	3.8	12.3	12.1	0.5	0.5	0.6	0.5	0.7	0.7	3.3	2.8	4.7	3.3
Portugal.....	0.4	0.3	1.9	1.2	(?)	(?)	(?)	(?)	(?)	(?)	0.1	0.1	(?)	(?)	0.1	0.1	0.1	0.1	2.4	2.3
Russia.....	11.9	5.6	10.6	4.4	18.4	9.8	8.9	3.0	7.3	4.3	16.4	9.5	9.3	4.2	4.0	2.8	4.1	1.5	3.4	1.6
Scotland.....	1.9	2.3	2.7	2.9	1.8	2.4	1.6	1.8	1.3	1.6	2.4	3.0	2.8	3.0	1.2	1.3	3.3	4.2	2.5	2.8
Spain.....	0.2	0.1	0.1	0.1	0.1	0.1	(?)	(?)	(?)	(?)	1.7	0.6	0.2	0.2	0.5	0.3	0.7	0.1	0.5	0.2
Sweden.....	4.9	5.6	3.9	4.1	1.8	2.2	5.8	6.5	13.2	13.6	1.0	1.0	1.8	1.5	1.8	2.1	7.8	9.5	7.2	5.8
Switzerland.....	0.9	1.1	0.2	0.2	0.6	0.8	1.1	1.3	1.2	1.4	0.7	0.9	3.1	3.6	1.1	1.2	1.5	1.9	2.3	2.8
Turkey.....	0.7	0.1	1.5	0.2	0.5	0.1	0.5	(?)	0.4	(?)	1.5	0.1	1.9	0.2	0.9	0.2	0.6	0.1	0.7	0.1
Wales.....	6.6	6.9	0.2	0.3	0.8	1.3	0.6	1.8	0.6	0.6	0.7	0.8	0.8	1.1	0.3	0.3	1.4	2.2	0.5	0.7
All other countries.....	1.2	0.9	1.2	0.9	1.3	1.0	0.8	0.6	1.0	0.6	1.1	1.5	1.4	1.8	0.8	1.1	1.8	0.8	2.3	2.1

¹ Except Porto Rico.

² Less than one-tenth of 1 per cent.

For New England the most important countries of birth of the foreign born enumerated in 1910 were, in the order of their rank, Canada, Ireland, and Russia, each of which contributed over 10 per cent of the total, followed by Italy and England. For the Middle Atlantic division they were Russia, Italy, Germany, Ireland, and Austria. For the East North Central division they were Germany and Austria, each of which contributed over 10 per cent, followed by Canada and Russia, each with 8.9 per cent. For the West North Central division the most important countries of birth were Germany, Sweden, Norway, and Russia. For the Mountain division the leading positions were occupied by England, Mexico, and Germany, and for the Pacific division by Germany, Canada, and Italy. In neither of these two western divisions was any one country of birth represented by as much as one-sixth of the total foreign-born population. In the three southern divisions the total number of foreign born was comparatively small. Persons born in Germany occupied the leading place in the South Atlantic and East South Central divisions, and those born in Mexico in the West South Central division.

Marked differences appear among the natives of different foreign countries with respect to the sections of the United States to which the greatest numbers have gone. These differences are most clearly brought out by Table 7, which shows, by percentages, the distribution of the persons born in each foreign country according to the geographic divisions in

which they were living at the census of 1910. For comparison the distribution of the total foreign-born population and also that of the total population are shown.

In view of the very large foreign-born population of the Middle Atlantic division, it is natural that that division should contain more of the persons from many of the countries specified than any other division. Of the natives of Austria in the United States in 1910, 47.1 per cent were in the Middle Atlantic division and 27 per cent in the East North Central. Of persons born in Canada, 43.7 per cent were in New England and 22.7 per cent in the East North Central division. Of those from England, 34.9 per cent were in the Middle Atlantic division, 19.4 per cent in the East North Central, and 17.8 per cent in New England; the distribution of persons born in Scotland was very similar. Of the natives of Germany, 36.8 per cent were in the East North Central division, 30.2 per cent in the Middle Atlantic, and 17.1 per cent in the West North Central. Many of the earlier German immigrants went to the farms of these geographic divisions. Of persons born in Hungary, 54.1 per cent were in the Middle Atlantic division (many of them in the mining regions of Pennsylvania) and 32.7 per cent in the East North Central.

Of persons born in Ireland, 45.5 per cent were in the Middle Atlantic division, 24.7 per cent in New England, and 13.3 per cent in the East North Central division. A decided concentration appears in the case of na-

tives of Italy, no less than 58.4 per cent in 1910 being in the Middle Atlantic division, 13.4 per cent in New England, and 10.9 per cent in the East North Central division. Of persons born in Russia, 55.7 per cent were in the Middle Atlantic division, 17.2 per cent in the East North Central, and 12 per cent in New England.

The natives of the Scandinavian countries have largely gone to the farming regions of the Middle West. Of those born in Norway, 49.2 per cent in 1910 were in

the West North Central division and 24.6 per cent in the East North Central, and of those born in Sweden, 32.1 per cent were in the West North Central and 26.8 per cent in the East North Central. The distribution of those born in Denmark is similar. Of the European immigrants, those born in Portugal show the most unequal distribution, nearly all of them being found in the New England and Pacific divisions. The natives of China and Japan have settled chiefly in the Pacific division.

DISTRIBUTION OF POPULATION BORN IN THE LEADING FOREIGN COUNTRIES, BY DIVISION OF RESIDENCE: 1910.

DIVISION.	Total population.	Total foreign born.	PER CENT OF TOTAL NUMBER OF PERSONS BORN IN SPECIFIED COUNTRY: 1910												
			Austria.	Belgium.	Canada.	China.	China and other West Indies. ¹	Denmark.	England.	Finland.	France.	Germany.	Greece.	Hungary.	Ireland.
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	7.1	13.5	5.9	6.6	43.7	4.6	6.5	4.2	17.8	10.9	9.3	2.8	16.6	3.4	24.7
Middle Atlantic.....	21.0	35.9	47.1	21.5	12.3	12.1	45.1	11.4	34.9	9.9	53.8	30.2	15.7	54.1	45.5
East North Central.....	19.8	22.7	27.0	16.4	22.7	4.4	2.3	23.6	19.4	33.5	16.2	36.8	17.7	32.7	13.3
West North Central.....	12.7	12.0	9.9	12.4	8.5	1.8	1.3	35.2	7.9	22.8	8.2	17.1	13.8	4.9	5.8
South Atlantic.....	13.3	2.2	1.7	2.3	0.7	2.2	38.6	0.7	2.6	0.3	2.4	2.5	4.6	2.1	2.0
East South Central.....	9.1	0.6	0.3	0.3	0.3	0.6	1.0	0.3	0.9	0.1	1.6	1.1	1.4	0.4	0.7
West South Central.....	9.6	2.6	2.3	1.9	0.7	1.8	2.3	1.2	1.7	0.2	7.1	2.8	1.7	0.4	0.9
Mountain.....	2.9	3.4	2.8	2.0	3.0	8.3	0.6	9.5	6.2	7.1	3.6	1.7	13.1	0.9	2.0
Pacific.....	4.6	7.1	3.0	6.6	8.0	64.4	2.3	13.9	8.7	15.1	17.8	4.9	15.5	1.1	5.0

DIVISION.	PER CENT OF TOTAL NUMBER OF PERSONS BORN IN SPECIFIED COUNTRY: 1910													
	Italy.	Japan.	Mexico.	Netherlands (Holland).	Norway.	Portugal.	Russia.	Scotland.	Spain.	Sweden.	Switzerland.	Turkey.	Wales.	All other countries.
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	15.4	0.4	0.1	1.8	2.1	57.1	12.0	18.5	5.2	10.6	3.0	29.3	4.5	13.5
Middle Atlantic.....	10.9	2.3	0.1	22.1	8.1	1.7	55.7	34.1	20.9	13.2	25.1	26.6	46.0	38.4
East North Central.....	2.9	0.7	0.4	49.7	24.6	0.9	17.2	2.8	18.7	26.8	16.6	22.1	14.7	14.7
West North Central.....	10.8	1.5	4.9	17.5	49.2	0.1	75.4	8.4	3.1	32.1	15.4	7.5	9.5	9.8
South Atlantic.....	2.9	0.2	0.1	0.5	0.4	0.3	3.1	2.7	22.5	0.4	1.7	4.8	2.4	2.1
East South Central.....	0.6	(?)	0.1	0.3	0.1	(?)	0.5	1.0	0.9	0.2	2.2	1.8	0.9	0.8
West South Central.....	2.4	0.6	5.1	0.8	0.6	0.3	0.9	1.6	7.3	0.3	3.5	1.1	1.8	1.8
Mountain.....	2.6	15.1	20.6	3.1	3.7	0.9	1.2	5.8	14.3	5.3	5.6	2.8	7.5	5.2
Pacific.....	6.1	79.2	15.3	4.2	11.2	38.6	2.1	9.3	23.0	10.3	17.5	7.0	6.0	13.7

¹ Except Porto Rico.

² Less than one-tenth of 1 per cent.

Table 8 shows, by geographic divisions, the number of foreign-born persons reported at the censuses of 1910 and 1900 classified into three groups: (1) Those born in northwestern Europe; (2) those born in southern and eastern Europe; and (3) those born in all other foreign countries.

There are conspicuous differences among the geographic divisions with respect to the proportions which these three groups of countries have contributed to the foreign-born population. In the New England division, for example, in 1910 only 39.4 per cent of the foreign born were from northwestern Europe, while 29.3 per cent were from southern and eastern Europe and 31.3 per cent from other countries, mainly Canada. On the other hand, in the West North Central division 70.4 per cent of the foreign born were from northwestern Europe, 21.9 per cent from southern and eastern Europe, and only 7.7 per cent from all other countries. The proportion from southern and eastern Europe was conspicuously high in the Middle Atlantic division, 53.4 per cent. The proportion from non-European countries was highest in the West South Central division, where there are considerable

numbers of Mexicans in the comparatively small foreign-born population.

DIVISION.	PERSONS BORN IN—					
	Northwestern Europe.		Southern and eastern Europe.		All other foreign countries. ¹	
	1910	1900	1910	1900	1910	1900
NUMBER.						
United States.....	6,740,400	7,016,311	5,048,583	1,832,894	1,726,903	1,492,071
New England.....	719,765	730,401	534,648	184,696	570,669	530,080
Middle Atlantic.....	2,053,472	2,187,370	2,388,284	949,340	209,453	180,649
East North Central.....	1,794,003	1,998,541	986,303	310,086	293,460	316,569
West North Central.....	1,137,573	1,226,223	354,857	173,976	124,265	133,049
South Atlantic.....	155,947	145,370	131,469	43,152	33,478	24,302
East South Central.....	57,466	74,408	23,642	10,475	6,717	3,687
West South Central.....	127,060	130,049	80,400	53,282	144,732	83,756
Mountain.....	229,239	193,640	122,529	39,612	101,554	68,717
Pacific.....	480,747	326,845	226,487	68,275	242,375	149,232
PER CENT OF TOTAL FOREIGN BORN.						
United States.....	49.9	67.8	37.4	17.7	12.8	14.4
New England.....	39.4	50.5	29.3	12.8	31.3	36.7
Middle Atlantic.....	42.3	65.9	53.4	28.6	4.3	5.4
East North Central.....	38.4	76.1	32.1	11.8	9.5	12.1
West North Central.....	70.4	80.0	21.9	11.3	7.7	8.7
South Atlantic.....	45.0	68.8	43.3	20.0	11.2	11.2
East South Central.....	65.4	82.2	26.9	11.6	7.6	6.3
West South Central.....	36.1	48.7	22.8	19.9	11.1	31.4
Mountain.....	50.6	64.1	27.0	13.1	21.4	22.8
Pacific.....	50.9	60.0	23.7	12.5	25.4	27.4

¹ Includes a few persons reported as born in Europe, country not specified.

More than half of the total number of southern and eastern Europeans in the United States in 1910 resided in the Middle Atlantic division, and more than four-fifths of them were in the Middle Atlantic, New England, and East North Central divisions, taken together. On the other hand, less than one-half of the northwestern Europeans were in the Middle Atlantic division, and the three divisions just named, taken together, contained a little more than two-thirds of the total number.

Foreign white stock, by divisions.—Table 13, pages 202 and 203, shows, for 1910, by geographic divisions, the total foreign white stock of each country of origin, distinguishing between white persons themselves foreign born and native whites of foreign or mixed parentage.

The principal facts brought out in Table 13 are shown more clearly in Table 9, in which the principal countries of origin of the foreign white stock of each geographic division are arranged in order of importance.

Table 9

DIVISION AND COUNTRY OF ORIGIN.	FOREIGN WHITE STOCK: 1910				PER CENT OF TOTAL FOREIGN WHITE STOCK CONSISTING OF—		DIVISION AND COUNTRY OF ORIGIN.	FOREIGN WHITE STOCK: 1910				PER CENT OF TOTAL FOREIGN WHITE STOCK CONSISTING OF—					
	Total.		Foreign-born white.		Native white of foreign or mixed parentage.			Total.		Foreign-born white.		Native white of foreign or mixed parentage.					
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.				
New England	3,867,095	100.0	1,814,388	100.0	2,052,709	100.0	46.9	53.1	South Atlantic—Con.								
Canada.....	1,104,384	28.6	524,015	28.9	580,369	28.3	47.4	52.6	Austria.....	33,320	4.6	20,272	7.0	13,048	3.0	60.8	39.2
Ireland.....	978,352	25.3	334,475	18.4	643,877	31.4	34.2	65.8	Scotland.....	21,692	3.0	7,143	2.5	14,549	3.3	32.9	67.1
England.....	320,824	8.3	155,075	8.6	165,759	8.0	48.5	51.5	Canada and other W. Indies ¹	21,475	2.9	11,229	3.3	10,246	2.3	52.3	47.7
Russia.....	291,618	7.5	192,697	10.6	98,921	4.8	66.1	33.9	Hungary.....	14,154	1.9	5,099	3.6	9,055	0.8	74.9	25.1
Italy.....	277,361	7.2	179,428	9.9	97,933	4.8	64.7	35.3									
Germany.....	176,945	4.6	70,261	3.9	106,684	5.2	39.7	60.3									
Sweden.....	172,471	4.3	70,774	3.9	101,697	5.0	56.0	44.0									
Austria.....	167,157	4.3	69,883	3.8	97,274	4.7	65.0	35.0									
Scotland.....	97,740	2.5	48,413	2.7	49,327	2.4	49.5	50.5									
Portugal.....	53,721	1.4	32,453	1.8	21,268	1.0	60.4	39.6									
Middle Atlantic	10,417,491	100.0	4,826,179	100.0	5,591,312	100.0	46.3	53.7	East South Central.	301,934	100.0	86,857	100.0	214,977	100.0	28.8	71.2
Germany.....	2,222,900	21.3	754,939	15.6	1,467,961	26.3	34.0	66.0	Germany.....	125,572	41.6	28,516	32.8	97,056	45.1	22.7	77.3
Ireland.....	1,022,099	18.5	615,717	12.8	4,066,382	23.4	32.0	68.0	Ireland.....	51,346	17.0	10,123	11.7	41,223	19.2	19.7	80.3
Russia.....	1,382,493	13.3	893,498	18.5	488,995	8.7	64.6	35.4	England.....	36,239	8.7	7,774	9.0	28,465	8.6	21.6	78.4
Italy.....	1,229,462	11.8	784,758	16.2	445,704	8.0	63.7	36.3	Italy.....	14,838	4.9	8,181	9.4	6,657	3.1	55.1	44.9
Austria.....	873,467	8.4	533,546	11.1	349,921	6.3	63.4	36.6	Russia.....	14,118	4.7	8,152	9.4	5,966	2.8	57.7	42.3
England.....	752,940	7.2	365,836	6.3	387,104	7.0	60.0	40.0	Canada.....	8,737	2.9	3,427	3.9	5,310	2.5	39.2	60.8
Hungary.....	389,738	3.7	267,949	5.6	121,789	2.2	68.8	31.2	Scotland.....	8,736	2.9	2,903	2.9	6,833	2.9	28.7	71.3
Canada.....	323,875	3.1	146,971	3.0	176,904	3.2	45.4	54.6	Switzerland.....	7,872	2.6	2,748	3.2	5,124	2.4	34.6	65.1
Scotland.....	211,237	2.0	88,975	1.8	122,262	2.2	42.1	57.9	France.....	6,888	2.3	1,829	2.1	5,059	2.4	26.6	73.4
Sweden.....	160,236	1.5	87,717	1.8	72,519	1.3	54.7	45.3	Austria.....	5,461	1.8	2,989	3.4	2,472	1.1	54.7	45.3
East North Central.	8,175,654	100.0	3,067,220	100.0	5,108,434	100.0	37.5	62.5	West South Central.	954,042	100.0	348,759	100.0	605,283	100.0	36.6	63.4
Germany.....	3,172,097	38.8	921,417	30.0	2,250,680	44.1	29.0	71.0	Germany.....	275,451	28.9	69,737	20.0	205,714	34.0	25.3	74.7
Ireland.....	706,740	8.6	179,257	5.8	527,483	10.3	25.4	74.6	Mexico.....	237,893	24.9	127,984	36.7	109,909	18.2	53.8	46.2
Canada.....	679,139	8.3	270,286	8.8	408,853	8.0	39.8	60.2	Austria.....	67,274	7.1	27,318	7.8	40,956	6.6	40.5	59.5
Austria.....	556,627	6.8	317,462	10.4	239,165	4.7	57.0	43.0	Italy.....	63,143	6.7	31,684	9.1	31,959	5.3	49.8	50.2
England.....	503,985	6.2	170,311	5.5	333,674	6.5	33.8	66.2	Ireland.....	53,203	5.6	15,014	4.3	38,189	6.3	28.2	71.8
Russia.....	424,124	5.2	274,993	9.0	149,131	2.9	64.8	35.2	Canada.....	49,299	5.1	14,108	4.0	35,191	5.8	47.3	52.7
Sweden.....	365,310	4.5	178,138	5.8	187,172	3.7	48.8	51.2	France.....	29,549	3.1	8,242	2.4	21,307	3.5	27.9	72.1
Norway.....	246,136	3.0	99,190	3.2	146,946	2.9	40.3	59.7	Austria.....	25,819	2.7	8,554	2.5	17,265	2.9	33.1	66.9
Italy.....	226,156	2.8	146,824	4.8	79,332	1.6	64.9	35.1	Sweden.....	16,498	1.7	6,469	1.9	10,028	1.7	39.2	60.8
Hungary.....	214,884	2.6	162,259	5.3	52,626	1.0	75.5	24.5	Mountain	1,053,821	100.0	436,910	100.0	616,921	100.0	41.5	58.5
West North Central.	4,827,934	100.0	1,613,231	100.0	3,214,703	100.0	33.4	66.6	England.....	171,028	16.2	54,349	12.4	116,679	18.9	31.8	68.2
Germany.....	1,601,182	33.2	426,331	26.4	1,174,851	36.5	26.0	73.4	Germany.....	134,067	12.8	42,807	9.8	92,074	14.9	31.8	68.2
Norway.....	543,681	11.3	198,758	12.3	344,926	10.7	36.6	63.4	Ireland.....	93,697	8.9	26,872	6.2	66,825	10.8	28.7	71.3
Sweden.....	491,949	10.2	213,539	13.2	278,410	8.7	43.4	56.6	Canada.....	86,748	8.2	36,172	8.3	50,576	8.2	41.7	58.3
Ireland.....	369,029	7.6	78,697	4.9	290,331	9.0	21.3	78.7	Mexico.....	78,029	8.4	45,159	10.3	32,870	5.3	57.9	42.1
Canada.....	286,219	6.1	104,975	6.3	181,244	6.0	34.4	65.6	Mexico.....	73,029	7.0	35,882	8.1	37,847	6.1	48.4	51.6
Austria.....	268,072	5.3	116,283	7.2	151,789	4.4	45.3	54.7	Italy.....	56,562	4.8	34,423	7.9	22,139	2.6	68.1	31.9
England.....	245,227	5.1	69,027	4.3	176,200	5.5	28.1	71.9	Austria.....	49,228	4.7	32,325	7.4	16,903	2.7	65.7	34.3
Russia.....	232,940	4.8	118,682	7.4	114,258	3.6	50.9	49.1	Denmark.....	48,777	4.6	17,230	3.9	31,547	5.0	35.6	64.4
Denmark.....	150,465	3.1	69,308	4.0	81,157	2.7	42.5	57.5	Russia.....	30,859	2.9	18,952	4.3	11,797	1.9	61.2	38.8
Scotland.....	73,652	1.5	21,814	1.4	51,838	1.6	29.6	70.4	Pacific	1,915,163	100.0	861,448	100.0	1,053,655	100.0	45.0	55.0
South Atlantic	730,398	100.0	290,555	100.0	439,843	100.0	39.8	60.2	Germany.....	347,219	18.1	123,644	14.4	223,575	21.2	35.6	64.4
Germany.....	226,285	31.0	63,239	21.8	163,046	37.1	27.9	72.1	Ireland.....	212,178	11.1	67,648	7.9	144,530	13.7	31.9	68.1
Ireland.....	111,587	15.3	27,471	9.5	84,116	19.1	24.6	75.4	Canada.....	210,566	11.0	96,182	11.2	114,384	10.9	45.7	54.3
Russia.....	82,393	11.3	49,141	16.9	33,252	7.5	39.8	60.2	England.....	126,013	6.6	82,250	9.9	43,763	4.2	65.3	34.7
England.....	64,317	8.8	22,582	7.8	41,735	9.5	35.1	64.9	Italy.....	126,013	6.6	82,250	9.9	43,763	4.2	65.3	34.7
Italy.....	55,206	7.6	16,929	5.8	38,277	8.8	30.7	69.3	Sweden.....	126,248	6.3	68,504	8.0	52,244	5.0	56.7	43.3
									Norway.....	83,303	4.3	45,158	5.2	38,147	3.6	54.2	45.8
									Scotland.....	56,843	3.0	24,181	2.8	32,662	3.1	42.5	57.5
									Russia.....	54,965	2.8	32,889	3.8	21,076	2.0	60.9	39.1
									Portugal.....	52,369	2.7	27,773	2.6	29,594	2.8	43.3	56.5

¹ Except Porto Rico.

It will be noted that the order in which the countries rank as contributors to the foreign-born white population, taken by itself, is not always the same as the order in which they rank as contributors to the total foreign white stock. Germany ranks first as country of origin of the foreign white stock in all the geographic divisions except the New England and Mountain divisions, where first place is held by Canada and England, respectively. The second place is occupied by Ireland in the New England, Middle Atlantic, East North Central, South Atlantic, East South Central, and Pacific divisions; by Norway in the West North Central; by Mexico in the West South Central; and by Germany in the Mountain division.

Table 9 shows also, for each country of origin, the proportion of the total foreign white stock which consists, respectively, of white persons themselves born abroad and of native whites of foreign or mixed parentage. The differences in the relative importance of these two classes which appear in the statistics already presented for the United States as a whole usually appear also in the statistics for each geographic division. In the case of the stock derived from the countries from which most of the earlier immigration came, there are usually more natives of foreign or mixed parentage than persons themselves foreign born, while the opposite is the

case with respect to the stock derived from countries from which immigration has chiefly been drawn during recent years.

Table 10 gives percentages computed from Table 13, showing the distribution of the foreign white stock from each country of origin among the several geographic divisions. The percentages in this table bear a general similarity to those in Table 7, which shows the distribution of the persons themselves born abroad. This is naturally the case, since most of the native whites of foreign or mixed parentage having a given country of origin reside in the sections of the country in which their parents settled.

Foreign born and foreign white stock, by states.—Table 14, pages 204 to 207, shows, for 1910 and 1900, the number of the foreign born in each state classified according to country of birth, while Table 15, pages 208 and 209, shows, for 1910, the number of the native whites of foreign or mixed parentage classified according to the country of birth of the foreign-born parent or parents. In the case of most countries of origin, the approximate total foreign white stock resident in a given state may be obtained by adding the figures in Table 14 to those in Table 15, since in most cases the total number of foreign born from a given country is practically the same as the number of foreign-born whites from that country.

Table 10

PER CENT OF FOREIGN WHITE STOCK WITH SPECIFIED COUNTRY OF ORIGIN: 1910

DIVISION OF RESIDENCE.	Total population.	Total foreign white stock.	PER CENT OF FOREIGN WHITE STOCK WITH SPECIFIED COUNTRY OF ORIGIN: 1910																			
			Austria.	Canada—French.	Canada—Other.	Denmark.	England.	Finland.	France.	Germany.	Greece.	Hungary.	Ireland.	Italy.	Netherlands (Holland).	Norway.	Russia.	Scotland.	Sweden.	Switzerland.	Wales.	
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	7.1	12.0	5.4	63.4	27.2	3.5	13.8	10.1	6.5	2.1	16.5	3.7	21.7	13.2	1.3	1.4	11.5	14.8	9.3	2.2	8.3	
Middle Atlantic.....	21.0	32.3	43.6	8.2	13.6	9.1	32.4	8.3	28.3	26.8	16.4	55.7	42.7	58.5	52.3	25.1	54.4	32.0	11.7	20.3	43.9	
East North Central.....	19.8	25.4	27.8	15.6	29.3	23.1	21.7	36.0	21.7	38.3	18.2	30.7	15.7	10.8	52.3	35.1	16.7	20.1	26.7	31.1	23.4	
West North Central.....	12.7	15.0	12.8	6.5	12.9	37.6	10.6	24.0	11.2	19.3	13.3	5.0	8.2	2.6	18.7	55.5	9.2	11.2	36.1	15.9	11.3	
South Atlantic.....	13.3	2.3	1.7	0.2	0.9	0.6	2.8	0.3	2.6	2.7	4.8	2.0	2.5	2.6	0.5	0.3	3.2	3.3	0.4	1.7	2.3	
East South Central.....	9.1	0.9	0.3	0.1	0.4	0.3	1.1	0.2	2.4	1.5	1.5	0.4	1.1	0.7	0.4	0.1	0.6	1.3	0.3	2.6	1.0	
West South Central.....	9.6	3.0	3.4	0.4	1.2	1.5	2.3	0.2	10.1	3.3	2.0	0.5	1.3	3.0	0.8	0.7	1.2	2.3	1.3	3.4	1.2	
Mountain.....	2.9	3.3	2.5	1.4	4.0	12.1	7.3	6.7	3.4	1.6	12.3	0.9	2.1	2.4	2.5	3.3	1.2	6.4	5.4	5.4	8.0	
Pacific.....	4.6	5.9	2.6	2.2	10.4	12.1	8.0	14.2	13.8	4.2	14.9	1.1	4.7	6.0	3.7	8.5	2.2	8.6	8.9	14.4	5.5	

URBAN AND RURAL COMMUNITIES.

Table 11 shows, for 1910, for the United States as a whole, the number of persons born in each of the leading foreign countries, classified as resident in urban or in rural communities, with corresponding percentages. Urban communities, as defined by the Census Bureau, include all cities and other incorporated places of 2,500 inhabitants or more, including New England towns of that population.

The foreign born from most countries have settled mainly in urban communities. While considerably less than half (46.3 per cent) of the total population of the United States in 1910 was urban, 72.1 per cent of the foreign-born population was urban. There are, however, striking differences in this respect among the

natives of the several foreign countries. In 1910 more than five-sixths of those from Roumania, the West Indies, Russia, Turkey in Asia, and Ireland resided in urban communities, while more than three-fourths of those from Canada who were of French descent, and of those from Turkey in Europe, Italy, and Hungary were urban, and more than seven-tenths of those from China, England, Scotland, Austria, and Greece. On the other hand, less than half of the foreign born from Mexico, Norway, Denmark, and Japan were in urban communities, and the proportion was comparatively low also in the case of persons born in Finland, in Bulgaria, Serbia, or Montenegro, in Switzerland, and in the Netherlands. Of natives of Germany—the most important class in the foreign-

born population—almost exactly two-thirds lived in urban communities.

In general, the immigrants from the countries of southern and eastern Europe, who have come mainly during recent years, have settled in cities to a greater

extent than the immigrants from northwestern Europe, most of whom came at an earlier period. The Irish, however, although most of them came at an earlier period, have manifested a conspicuous preference for urban life.

COUNTRY OF BIRTH.	FOREIGN-BORN POPULATION: 1910				COUNTRY OF BIRTH.	FOREIGN-BORN POPULATION: 1910			
	Urban.	Rural.	Per cent urban.	Per cent rural.		Urban.	Rural.	Per cent urban.	Per cent rural.
All foreign countries.....	9,745,697	3,770,189	72.1	27.9	Italy.....	1,049,390	293,735	78.1	21.9
Austria.....	850,507	324,466	72.4	27.6	Japan.....	32,908	34,836	48.6	51.4
Belgium.....	29,449	19,951	59.6	40.4	Mexico.....	75,947	145,968	34.2	65.8
Bulgaria, Serbia, and Montenegro.....	10,808	10,553	30.9	49.1	Netherlands (Holland).....	65,880	54,183	54.9	45.1
Canada—French.....	313,184	71,899	81.3	18.7	Norway.....	170,615	233,262	42.2	57.8
Canada—Other.....	567,801	251,753	69.3	30.7	Portugal.....	41,335	18,025	69.6	30.4
China.....	41,936	14,820	73.9	26.1	Romania.....	50,303	5,330	91.9	8.1
Cuba and other West Indies ¹	42,977	4,658	90.2	9.8	Russia.....	1,393,965	208,817	87.0	13.0
Denmark.....	87,752	93,897	48.3	51.7	Scotland.....	189,090	71,986	72.4	27.6
England.....	637,105	249,614	72.6	27.4	Spain.....	14,640	7,468	66.2	33.8
Finland.....	64,810	64,870	50.0	50.0	Sweden.....	402,815	262,392	60.6	39.4
France.....	82,078	35,340	69.9	30.1	Switzerland.....	67,299	57,549	53.9	46.1
Germany.....	1,669,315	822,018	66.7	33.3	Turkey in Asia.....	51,789	7,940	86.7	13.3
Greece.....	72,240	28,692	71.4	28.6	Turkey in Europe.....	25,628	6,602	79.5	20.5
Hungary.....	383,297	112,312	77.3	22.7	Wales.....	54,418	28,070	66.0	34.0
Ireland.....	1,144,997	207,254	84.7	15.3	All other countries.....	50,929	20,629	71.2	28.8

¹ Except Porto Rico.

Table 12 shows, by geographic divisions, the number of the foreign born from each of the leading foreign countries living in urban and rural communities, respectively, together with the percentage urban. It should, of course, be borne in mind that there are great differences among the divisions with respect to the percentage of urban dwellers in the total population, which for comparison is also shown in the table.

PRINCIPAL CITIES.

Table 16, page 210, shows, for 1910 and 1900, the foreign-born population of each city of 250,000 inhabitants or more, distributed according to country of birth, while Table 17, pages 211 to 213, gives similar data, for 1910 only, for cities having from 25,000 to 250,000 inhabitants. The tables bring out striking differences among the cities with respect to the relative importance of the different countries in contributing to the foreign-born population. Table 16 also shows that many striking changes occurred between 1900 and 1910.

New York City in 1910 contained one-nineteenth of the total population of the United States and about one-seventh of the total foreign-born population. Of the 1,944,357 residents of the city who were born abroad, 484,193 were natives of Russia, 340,770 of Italy, 278,137 of Germany, 252,672 of Ireland, and

190,246 of Austria, no other country being represented by as many as 100,000.

Of the 783,428 foreign-born residents of Chicago in 1910, 182,289 were born in Germany, 132,063 in Austria, 121,786 in Russia, 65,965 in Ireland, and 63,035 in Sweden, less than 50,000 being natives of any other single country.

The following tabular statement names for each of the cities having over 250,000 inhabitants in 1910 the two countries having the largest representation among the foreign-born population:

CITY.	LEADING COUNTRIES OF ORIGIN OF FOREIGN-BORN POPULATION: 1910	
	First.	Second.
Baltimore.....	Germany.....	Russia.....
Boston.....	Ireland.....	Canada.....
Buffalo.....	Germany.....	Canada.....
Chicago.....	Germany.....	Austria.....
Cincinnati.....	Germany.....	Hungary.....
Cleveland.....	Austria.....	Germany.....
Detroit.....	Germany.....	Canada.....
Jersey City.....	Germany.....	Ireland.....
Los Angeles.....	Germany.....	Canada.....
Milwaukee.....	Germany.....	Russia.....
Minneapolis.....	Sweden.....	Norway.....
New Orleans.....	Italy.....	Germany.....
New York.....	Russia.....	Italy.....
Newark.....	Germany.....	Russia.....
Philadelphia.....	Russia.....	Ireland.....
Pittsburgh.....	Germany.....	Russia.....
St. Louis.....	Germany.....	Russia.....
San Francisco.....	Germany.....	Ireland.....
Washington.....	Ireland.....	Germany.....

PERSONS BORN IN THE LEADING FOREIGN COUNTRIES, RESIDING IN URBAN AND RURAL COMMUNITIES, BY DIVISIONS: 1910.

Table 12

COUNTRY OF BIRTH.	NEW ENGLAND.		MIDDLE ATLANTIC.		EAST NORTH CENTRAL.		WEST NORTH CENTRAL.		SOUTH ATLANTIC.		EAST SOUTH CENTRAL.	
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
Total population.....	5,455,345	1,097,336	13,723,373	5,592,519	9,617,271	8,633,350	3,873,716	7,764,205	3,092,153	9,102,742	1,574,229	6,835,672
Total foreign born.....	1,686,187	138,823	4,073,111	778,062	2,198,174	878,592	633,869	982,826	198,896	100,998	58,534	29,291
Austria.....	63,875	5,708	422,723	130,834	264,659	52,810	50,780	65,507	10,736	9,548	1,518	1,472
Canada—French.....	253,255	24,901	16,761	10,251	27,132	19,482	7,936	9,984	458	305	202	129
Canada—Other.....	211,305	36,778	94,120	27,237	143,786	82,740	36,547	45,382	4,603	3,315	2,032	1,146
Denmark.....	6,650	1,039	16,798	3,839	25,293	17,582	17,350	46,560	691	575	247	310
England.....	146,058	9,874	244,792	61,568	110,574	59,615	32,585	30,467	13,256	9,555	4,685	3,121
Finland.....	11,802	2,337	10,999	1,814	16,830	26,612	11,517	18,075	159	293	43	122
France.....	9,988	946	31,945	7,770	11,401	7,614	4,217	5,468	1,733	1,628	1,083	750
Germany.....	64,479	5,788	644,737	110,256	616,208	305,235	133,327	273,212	45,261	17,996	29,325	8,198
Greece.....	16,316	248	14,741	1,152	15,476	2,440	7,436	6,553	3,386	1,244	1,187	210
Hungary.....	15,934	973	199,833	68,118	140,743	21,518	16,335	7,937	2,870	7,730	1,085	657
Ireland.....	320,533	13,953	538,382	77,374	140,681	38,585	44,717	33,807	20,793	6,692	7,475	2,640
Italy.....	168,703	10,727	651,258	132,511	111,023	35,805	24,246	13,992	19,137	19,147	4,602	3,581
Mexico.....	120	18	729	76	479	459	3,440	7,387	203	39	116	110
Netherlands (Holland).....	2,028	116	18,232	8,349	37,011	22,650	3,351	17,659	357	273	207	172
Norway.....	7,732	716	29,977	2,707	50,126	49,066	47,082	151,704	846	623	256	243
Russia.....	184,280	8,419	823,527	69,981	247,067	27,926	53,512	65,171	40,701	8,448	6,782	1,371
Scotland.....	44,963	3,458	70,834	18,161	33,628	15,088	9,758	12,059	3,650	3,495	1,399	1,104
Sweden.....	64,538	6,239	68,215	19,504	123,814	54,226	83,636	129,898	1,686	1,298	732	866
Switzerland.....	3,113	603	25,190	6,158	16,617	16,613	7,090	12,081	1,047	1,029	1,352	1,396
Wales.....	3,147	555	29,649	8,272	11,752	6,507	2,620	5,220	885	1,122	362	367

Table 12—Continued.

COUNTRY OF BIRTH.	WEST SOUTH CENTRAL.		MOUNTAIN.		PACIFIC.		PER CENT OF PERSONS BORN IN SPECIFIED COUNTRY AND LIVING IN SPECIFIED DIVISION WHO LIVE IN URBAN COMMUNITIES.								
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	New Eng.	Mid-Atlantic.	East North Central.	West North Central.	South Atlantic.	East South Central.	West South Central.	Mountain.	Pacific.
Total population.....	1,957,456	6,827,078	947,511	1,686,006	2,382,329	1,809,975	83.3	71.0	52.7	33.3	25.4	18.7	22.3	36.0	56.8
Total foreign born.....	138,735	213,457	179,662	273,660	581,428	374,380	92.4	84.0	71.4	39.2	68.3	66.6	39.4	39.6	60.8
Austria.....	4,633	22,691	10,838	21,490	20,745	14,406	91.8	76.4	83.4	43.7	52.9	50.8	17.0	33.5	59.0
Canada—French.....	536	569	2,099	3,177	4,805	3,161	91.0	62.1	58.2	44.3	64.0	61.0	51.3	39.8	60.3
Canada—Other.....	4,001	3,624	14,202	17,134	57,205	31,397	85.2	77.6	63.5	43.0	58.1	63.9	52.5	45.3	64.6
Denmark.....	893	1,363	6,187	11,044	13,643	11,585	86.5	81.4	59.0	27.1	54.6	44.3	39.6	35.9	54.1
England.....	8,485	6,599	25,066	29,288	51,604	24,527	93.7	79.9	65.0	47.2	58.1	60.0	56.3	46.1	67.8
Finland.....	139	172	3,329	5,825	9,992	9,620	83.5	85.8	38.7	38.9	35.2	26.1	44.7	36.4	50.9
France.....	5,554	2,748	1,653	2,614	14,504	6,402	91.3	80.4	60.0	43.5	62.8	59.1	66.9	38.7	69.4
Germany.....	25,948	43,812	19,672	23,296	79,398	44,255	91.8	85.4	66.9	59.9	71.6	71.3	37.2	45.8	64.2
Greece.....	1,289	473	3,993	9,276	8,266	7,396	98.5	92.8	86.4	53.2	73.1	85.0	73.2	30.1	52.8
Hungary.....	664	1,292	1,727	2,569	4,106	1,513	94.2	74.6	86.7	67.3	27.1	62.3	33.9	40.2	73.0
Ireland.....	8,124	3,870	14,599	12,274	49,693	17,960	95.8	87.4	78.5	56.9	73.7	73.8	67.7	54.3	73.5
Italy.....	14,647	17,039	10,268	24,163	45,506	36,768	94.0	83.1	75.6	63.4	50.0	56.2	46.2	29.8	55.3
Mexico.....	42,156	86,761	12,447	33,346	16,772	17,772	87.0	90.6	50.6	31.8	83.9	51.3	32.7	27.2	47.8
Netherlands (Holland).....	378	534	1,781	1,886	2,535	2,544	94.6	68.6	62.0	15.9	56.7	54.6	41.4	48.6	49.9
Norway.....	1,070	1,437	5,157	9,972	28,369	16,794	91.5	91.7	50.5	23.7	57.6	51.3	42.3	34.1	62.8
Russia.....	6,711	7,400	8,578	10,616	22,807	10,085	95.6	92.2	89.8	45.1	82.8	83.2	47.6	46.1	69.3
Scotland.....	2,038	2,115	6,522	8,621	16,298	7,885	92.9	79.6	69.0	43.7	51.1	55.9	49.1	43.1	67.4
Sweden.....	2,320	4,143	15,736	19,749	42,138	26,372	91.2	77.8	69.5	39.2	56.5	45.8	35.9	44.2	61.5
Switzerland.....	1,471	2,297	2,338	4,632	9,081	12,740	83.8	89.4	50.0	37.0	50.4	49.2	39.0	33.3	41.6
Wales.....	401	465	2,634	3,503	2,948	2,029	85.0	78.2	64.4	31.4	44.1	49.7	44.8	43.1	59.2

FOREIGN WHITE STOCK BY COUNTRY OF ORIGIN, BY DIVISIONS: 1910.

Table 13	COUNTRY OF ORIGIN.	UNITED STATES.				NEW ENGLAND.				MIDDLE ATLANTIC.			
		Total foreign white stock.		Foreign-born white.	Native white of foreign or mixed parentage.	Total foreign white stock.		Foreign-born white.	Native white of foreign or mixed parentage.	Total foreign white stock.		Foreign-born white.	Native white of foreign or mixed parentage.
		Number.	Per cent.			Number.	Per cent.			Number.	Per cent.		
	All foreign countries.	32,243,382	100.0	13,345,545	18,897,837	3,867,095	100.0	1,814,386	2,052,709	10,417,491	100.0	4,826,179	5,591,312
	Austria.....	2,001,559	6.2	1,174,924	826,635	107,127	2.8	69,583	37,544	873,467	8.4	553,546	319,921
	Belgium.....	89,264	0.3	49,397	39,867	4,159	0.1	895	865	16,426	0.2	10,600	5,826
	Bulgaria, Servia, and Montenegro.....	22,685	0.1	21,451	1,234	396	(1)	323	63	2,452	(0)	2,561	291
	Canada—French.....	932,238	2.9	389,083	543,155	609,241	15.8	278,126	331,083	76,146	0.7	27,012	49,134
	Canada—Other.....	1,822,377	5.7	810,987	1,011,390	495,143	12.8	245,459	249,284	247,729	2.4	119,959	127,770
	Cuba and other West Indies ¹	41,842	0.1	23,169	18,673	2,312	0.1	1,276	936	13,069	0.1	8,212	4,797
	Denmark.....	404,044	1.2	181,621	218,423	14,169	0.4	7,683	6,481	36,226	0.3	20,625	15,701
	England.....	2,322,442	7.2	876,455	1,445,987	320,834	8.3	155,675	165,159	752,940	7.2	305,826	447,114
	Finland.....	211,026	0.7	129,669	81,357	21,378	0.6	14,139	7,239	17,451	0.2	12,811	4,640
	France.....	292,389	0.9	117,236	175,153	18,985	0.5	10,917	8,068	82,824	0.8	39,663	43,161
	Germany.....	5,282,618	25.7	2,501,181	5,781,437	176,945	4.6	70,261	106,684	2,222,900	21.3	754,939	1,467,961
	Greece.....	109,665	0.3	101,264	8,401	18,131	0.5	16,764	1,367	18,009	0.2	15,893	2,116
	Hungary.....	700,227	2.2	495,090	204,627	26,016	0.7	16,907	9,109	389,738	3.7	267,949	121,789
	Ireland.....	4,404,342	14.0	1,352,155	3,052,187	978,352	25.2	334,475	643,877	1,923,094	15.5	615,717	1,308,229
	Italy.....	2,098,360	6.5	1,343,070	755,290	277,361	7.2	179,428	97,933	1,229,462	11.8	788,758	445,704
	Mexico.....	382,092	1.2	219,592	162,200	107	(0)	152	65	1,153	(0)	743	410
	Netherlands (Holland).....	293,574	0.9	120,053	173,521	3,910	0.1	2,120	1,790	58,481	0.6	26,577	31,904
	Norway.....	979,099	3.0	403,858	575,241	13,367	0.3	8,447	4,920	49,719	0.5	32,680	17,039
	Portugal.....	111,122	0.3	57,623	53,499	53,721	1.4	32,453	21,268	1,827	(0)	961	866
	Roumania.....	87,721	0.3	65,920	21,801	2,821	0.1	2,054	767	60,491	0.6	44,401	16,090
	Russia.....	2,541,649	7.9	1,602,752	931,897	291,618	7.5	192,697	98,921	1,382,493	13.3	893,498	488,995
	Scotland.....	659,663	2.0	261,034	398,629	97,740	2.5	48,413	49,327	211,237	2.0	88,975	122,262
	Spain.....	33,134	0.1	21,977	11,157	1,767	(0)	1,158	609	6,892	0.1	4,564	2,328
	Sweden.....	1,364,215	4.2	695,183	669,032	126,471	3.3	70,774	55,697	169,208	1.5	87,717	72,551
	Switzerland.....	301,650	0.9	124,834	176,816	6,620	0.2	3,715	2,905	61,143	0.6	31,344	29,799
	Turkey in Asia.....	78,631	0.2	59,702	18,929	24,377	0.6	19,257	5,140	20,982	0.2	16,358	4,624
	Turkey in Europe.....	35,314	0.1	20,903	14,411	8,250	0.2	4,663	3,587	8,141	0.1	985	7,156
	Wales.....	248,947	0.8	82,479	166,468	8,225	0.2	3,702	4,523	109,510	1.0	37,916	71,394
	All other countries.....	118,453	0.4	64,845	53,608	29,569	0.8	17,090	12,479	21,409	0.2	13,233	8,176
	Of mixed foreign parentage ²	1,177,092	3.7	.....	1,177,092	127,973	3.3	.....	127,973	361,972	3.5	.....	361,972

Table 13—Continued.

Table 13—Continued.	COUNTRY OF ORIGIN.	EAST NORTH CENTRAL.				WEST NORTH CENTRAL.				SOUTH ATLANTIC.			
		Total foreign white stock.		Foreign-born white.	Native white of foreign or mixed parentage.	Total foreign white stock.		Foreign-born white.	Native white of foreign or mixed parentage.	Total foreign white stock.		Foreign-born white.	Native white of foreign or mixed parentage.
		Number.	Per cent.			Number.	Per cent.			Number.	Per cent.		
	All foreign countries.	8,175,654	100.0	3,067,220	5,108,434	4,827,934	100.0	1,613,231	3,214,703	730,398	100.0	290,555	438,843
	Austria.....	556,527	6.8	317,462	239,065	256,972	5.3	116,281	140,691	33,320	4.6	20,272	13,048
	Belgium.....	46,223	0.6	22,925	23,298	11,832	0.2	6,146	5,686	1,099	0.2	1,135	564
	Bulgaria, Servia, and Montenegro.....	5,253	0.1	4,916	337	4,697	0.1	4,574	123	196	(0)	174	22
	Canada—French.....	145,255	1.8	46,614	98,641	61,471	1.3	17,920	43,127	1,963	0.3	763	1,200
	Canada—Other.....	538,884	6.5	223,672	310,212	235,172	4.9	84,055	151,117	17,165	2.4	7,725	9,440
	Cuba and other West Indies ¹	1,191	(0)	596	595	787	(0)	349	438	21,475	2.9	11,229	10,246
	Denmark.....	92,602	1.1	42,872	49,730	150,465	3.1	63,908	86,557	2,522	0.3	1,263	1,259
	England.....	503,985	6.2	170,131	333,854	245,227	5.1	69,027	176,290	64,317	8.8	22,582	41,735
	Finland.....	75,042	0.9	43,442	32,600	50,711	1.1	29,591	21,120	620	0.1	452	168
	France.....	63,390	0.8	19,004	44,386	32,863	0.7	9,681	23,182	7,487	1.0	2,747	4,740
	Germany.....	3,172,097	38.8	921,417	2,250,680	1,601,182	33.2	426,531	1,174,651	226,283	31.0	63,239	163,046
	Greece.....	19,943	0.2	17,914	2,029	14,631	0.3	13,989	642	5,294	0.7	4,629	665
	Hungary.....	214,885	2.6	102,290	52,626	35,111	0.7	24,271	10,840	14,154	1.9	10,599	3,555
	Ireland.....	706,740	8.6	179,257	527,483	369,020	7.6	78,607	290,413	111,597	15.3	27,471	84,126
	Italy.....	226,150	2.8	146,824	79,326	55,123	1.1	38,234	16,889	55,206	7.6	38,277	16,929
	Mexico.....	1,212	(0)	905	307	11,296	0.2	10,696	600	338	(0)	203	135
	Netherlands (Holland).....	153,496	1.9	59,661	93,835	54,961	1.1	21,010	33,951	1,528	0.2	629	899
	Norway.....	246,136	3.0	99,190	146,946	543,681	11.3	198,785	344,896	3,101	0.4	1,468	1,633
	Portugal.....	1,431	(0)	505	926	203	(0)	89	114	314	(0)	143	171
	Roumania.....	11,894	0.1	9,945	1,949	7,012	0.1	5,401	1,611	1,479	0.2	1,055	424
	Russia.....	424,124	5.2	274,963	149,131	232,940	4.8	118,682	114,258	82,203	11.3	49,141	33,062
	Scotland.....	132,745	1.6	48,712	84,033	73,452	1.5	21,814	51,838	21,692	3.0	7,143	14,549
	Spain.....	1,190	(0)	663	527	1,060	(0)	628	332	6,784	0.9	4,354	1,810
	Sweden.....	365,310	4.5	178,138	187,172	491,949	10.2	213,530	278,419	6,092	0.8	2,981	3,081
	Switzerland.....	98,897	1.1	33,229	60,668	56,971	1.2	19,171	37,800	5,178	0.7	2,071	3,107
	Turkey in Asia.....	10,170	0.1	7,887	2,283	5,425	0.1	3,873	1,552	3,987	0.5	2,770	1,217
	Turkey in Europe.....	7,936	0.1	4,812	3,124	3,252	0.1	3,049	203	1,845	0.3	1,650	195
	Wales.....	78,348	0.7	18,228	60,090	28,129	0.6	7,840	20,289	5,791	0.8	2,006	3,785
	All other countries.....	16,295	0.2	8,478	7,817	12,467	0.3	5,449	7,018	3,618	0.5	1,784	1,864
	Of mixed foreign parentage ²	287,385	3.5	.....	287,385	180,096	3.7	.....	180,096	23,468	3.2	.....	23,168

¹ Less than one-tenth of 1 per cent.² Except Porto Rico.³ Native whites whose parents were born in different foreign countries; for example, one parent in Ireland and the other in Scotland.

FOREIGN WHITE STOCK BY COUNTRY OF ORIGIN, BY DIVISIONS: 1910—Continued.

COUNTRY OF ORIGIN.	EAST SOUTH CENTRAL.				WEST SOUTH CENTRAL.				MOUNTAIN.				PACIFIC.			
	Total foreign white stock.		Foreign born white.	Native white of foreign or mixed parentage.	Total foreign white stock.		Foreign born white.	Native white of foreign or mixed parentage.	Total foreign white stock.		Foreign born white.	Native white of foreign or mixed parentage.	Total foreign white stock.		Foreign born white.	Native white of foreign or mixed parentage.
	Number.	Per cent.			Number.	Per cent.			Number.	Per cent.			Number.	Per cent.		
All foreign countries.	301,834	100.0	86,857	214,977	854,042	100.0	348,759	605,283	1,053,831	100.0	436,810	616,921	1,915,103	100.0	861,448	1,053,655
Austria.....	5,461	1.8	2,989	2,472	67,376	7.1	27,318	40,058	49,228	4.7	32,325	16,903	52,091	2.7	35,148	16,933
Belgium.....	364	0.1	162	202	1,808	0.2	921	887	1,634	0.2	980	654	5,119	0.3	3,264	1,855
Bulgaria, Servia, and Montenegro.....	247	0.1	106	51	468	(¹)	395	73	4,848	0.5	4,720	128	3,738	0.2	3,592	146
Canada—French.....	1,028	0.3	331	697	3,542	0.4	1,045	2,497	13,599	1.3	5,276	8,233	20,507	1.1	7,966	12,541
Canada—Other.....	7,709	2.6	3,096	4,613	22,277	2.3	7,569	14,768	73,239	6.9	30,896	42,343	190,059	9.9	88,216	101,843
Cuba and other West Indies ²	324	0.1	157	167	1,360	0.1	523	837	286	(¹)	152	134	1,198	0.1	675	523
Denmark.....	1,305	0.4	557	748	5,922	0.6	2,254	3,668	48,377	4.6	17,230	31,147	48,346	2.5	25,227	23,119
England.....	26,230	8.7	7,776	18,454	53,203	5.6	15,014	38,189	171,028	16.2	54,349	116,679	184,678	9.6	76,075	108,603
Finland.....	320	0.1	165	155	466	(¹)	310	156	14,078	1.3	9,151	4,927	29,960	1.6	19,608	10,352
France.....	6,888	2.3	1,829	5,059	29,549	3.1	8,242	21,307	9,981	0.9	4,264	5,717	40,382	2.1	29,898	19,493
Germany.....	125,572	41.6	28,516	97,056	275,451	28.9	69,737	205,714	134,967	12.8	42,897	92,070	347,219	18.1	123,644	223,575
Greece.....	1,642	0.5	1,397	245	2,192	0.2	1,762	430	13,438	1.3	13,266	172	16,385	0.9	15,650	735
Hungary.....	2,370	0.9	1,742	828	8,454	0.4	1,956	1,498	6,462	0.6	4,296	2,166	7,897	0.4	5,621	2,276
Ireland.....	51,346	17.0	10,123	41,223	59,321	6.2	11,985	47,346	93,697	8.9	26,872	66,825	212,178	11.1	67,648	144,530
Italy.....	14,838	4.9	8,181	6,657	63,645	6.7	31,686	31,959	50,562	4.8	34,342	16,130	126,013	6.6	82,250	43,763
Mexico.....	340	0.1	209	131	237,893	24.9	127,984	109,909	78,029	7.4	45,159	32,870	51,544	2.7	33,771	17,773
Netherlands (Holland).....	1,031	0.3	379	652	2,435	0.3	912	1,523	7,223	0.7	3,667	3,556	10,909	0.6	5,079	5,830
Norway.....	1,161	0.4	499	662	6,493	0.7	2,505	3,988	32,136	3.0	15,126	17,010	83,305	4.3	45,188	38,147
Portugal.....	39	(¹)	7	32	454	(¹)	171	283	764	0.1	519	245	32,369	2.7	22,775	29,594
Roumania.....	456	0.2	317	139	574	0.1	433	139	902	0.1	724	178	2,092	0.1	1,588	504
Russia.....	14,118	4.7	8,152	5,966	29,799	3.1	14,108	15,691	30,389	2.9	18,592	11,797	53,965	2.8	32,839	21,076
Scotland.....	8,736	2.9	2,503	6,233	14,933	1.6	4,131	10,782	42,087	4.0	15,142	26,945	56,843	3.0	24,181	32,662
Spain.....	745	0.2	201	544	3,582	0.4	1,013	1,969	7,680	0.3	3,143	557	7,544	0.4	6,093	2,451
Sweden.....	3,580	1.2	1,597	1,983	16,498	1.7	6,460	10,038	73,329	7.0	35,482	37,847	120,748	6.3	68,504	52,244
Switzerland.....	7,872	2.6	2,748	5,124	10,386	1.1	3,767	6,619	16,187	1.5	6,970	9,217	43,396	2.3	21,819	21,577
Turkey in Asia.....	2,030	0.7	1,392	638	3,787	0.4	2,615	1,172	1,729	0.2	1,243	486	6,144	0.3	4,327	1,817
Turkey in Europe.....	394	0.1	282	112	818	0.1	612	206	1,379	0.1	1,320	59	2,304	0.1	2,093	211
Wales.....	2,433	0.8	729	1,704	3,067	0.3	896	2,201	19,810	1.9	6,157	13,653	13,804	0.7	4,975	8,829
All other countries.....	1,434	0.5	625	809	4,253	0.4	1,873	2,380	4,822	0.5	2,560	2,262	24,586	1.3	13,753	10,833
Of mixed foreign parentage ³	11,621	3.9	.....	11,621	28,996	3.0	.....	28,996	56,091	5.3	.....	56,091	99,790	5.2	.....	99,790

¹ Less than one-tenth of 1 per cent.² Except Porto Rico.³ Native whites whose parents were born in different foreign countries; for example, one parent in Ireland and the other in Scotland.

FOREIGN-BORN POPULATION BY COUNTRY OF BIRTH, FOR THE

Table 11 DIVISION OR STATE AND CENSUS YEAR.		Total foreign born.	PERSONS BORN IN—											
			Austria ¹	Belgium.	Bulgaria, Servia, and Montenegro.	Canada. ²		China.	Cuba and other West Indies. ³	Denmark.	England.	Finland. ⁴	France.	Germany. ¹
						French.	Other.							
UNITED STATES:														
1	1910	13,515,886	1,174,973	49,400	21,511	385,083	819,554	56,756	47,635	181,649	877,719	129,680	117,418	2,501,333
2	1900	10,341,276	943,295	29,757	.....	395,128	784,796	81,534	25,435	153,690	840,513	62,641	104,197	2,813,628
3	1890	9,249,566	241,377	22,639	.....	302,496	678,442	106,701	23,256	132,543	908,092	.....	113,174	2,784,884
NEW ENGLAND:														
4	1910	1,825,110	69,583	3,264	333	278,156	248,083	2,598	3,101	7,689	153,932	14,139	10,934	70,267
5	1900	1,445,237	23,564	1,168	.....	275,435	235,755	3,836	1,600	6,058	139,087	6,231	7,573	73,814
6	1890	1,142,832	3,513	647	.....	205,761	174,406	1,686	1,547	3,958	139,569	.....	6,519	63,022
MIDDLE ATLANTIC:														
7	1910	4,851,173	535,557	10,601	2,562	27,012	121,357	6,882	21,505	20,637	306,360	12,813	39,715	754,993
8	1900	3,317,559	208,591	7,116	.....	29,785	104,442	10,664	8,399	15,176	295,944	5,403	34,709	848,030
9	1890	2,745,759	70,290	5,136	.....	23,993	86,469	5,060	5,688	11,259	313,352	.....	34,190	835,299
EAST NORTH CENTRAL:														
10	1910	3,073,766	317,469	22,925	4,916	46,614	226,526	2,504	1,082	42,875	170,189	43,442	19,015	921,443
11	1900	2,625,226	131,181	14,629	.....	55,554	242,091	2,459	726	40,408	181,843	24,890	20,602	1,075,976
12	1890	2,510,924	74,475	11,045	.....	46,789	228,784	1,536	628	33,908	211,758	.....	29,199	1,054,278
WEST NORTH CENTRAL:														
13	1910	1,616,695	116,287	6,146	4,577	17,920	84,929	1,010	607	63,910	69,052	29,592	9,685	426,539
14	1900	1,533,248	76,216	3,849	.....	21,465	103,213	1,106	366	59,347	78,526	12,746	10,043	496,096
15	1890	1,549,190	64,214	3,371	.....	18,924	167,103	1,169	408	55,695	100,640	.....	12,416	515,834
SOUTH ATLANTIC:														
16	1910	290,994	20,284	1,135	175	763	7,918	1,223	18,387	1,266	22,811	452	2,761	63,257
17	1900	216,690	7,384	248	.....	636	6,284	1,652	12,500	879	20,274	171	2,375	74,215
18	1890	208,525	6,862	226	.....	284	5,128	641	12,978	625	21,520	.....	2,569	81,449
EAST SOUTH CENTRAL:														
19	1910	87,825	2,990	162	196	331	3,178	313	499	557	7,806	165	1,833	28,523
20	1900	90,568	1,514	172	.....	419	2,960	372	253	375	8,608	78	2,219	37,744
21	1890	102,114	942	163	.....	124	5,064	229	168	345	10,851	.....	2,690	44,213
WEST SOUTH CENTRAL:														
22	1910	352,182	27,324	922	397	1,045	7,625	1,009	1,081	2,256	15,084	311	8,302	69,760
23	1900	267,087	20,242	670	.....	1,041	5,842	1,430	827	1,699	13,575	191	9,428	73,798
24	1890	219,720	13,155	528	.....	270	4,725	1,148	937	1,043	13,700	.....	11,677	70,432
MOUNTAIN:														
25	1910	435,322	32,328	980	4,733	5,270	31,336	4,684	276	17,231	54,354	9,154	4,267	42,508
26	1900	301,969	12,744	482	.....	5,608	26,582	7,524	141	15,328	50,766	5,305	3,152	33,161
27	1890	257,279	4,904	337	.....	3,961	22,223	11,671	136	19,848	32,660	.....	3,122	31,921
PACIFIC:														
28	1910	955,809	35,151	3,265	3,622	7,966	88,602	36,533	1,097	25,228	76,131	19,612	20,906	123,653
29	1900	544,352	9,839	423	.....	5,183	52,427	53,691	563	14,329	51,690	7,626	14,696	102,794
30	1890	315,631	6,022	1,237	.....	3,996	46,510	83,806	766	11,859	51,039	.....	15,743	89,346
NEW ENGLAND:														
31	1910	110,562	831	30	32	35,013	41,210	65	80	999	5,631	831	290	1,282
32	1900	93,330	203	23	.....	30,908	36,109	102	79	886	4,793	179	180	1,365
New Hampshire:														
33	1910	96,067	2,438	175	21	40,865	17,019	53	40	71	4,862	1,928	169	2,046
34	1900	88,107	712	25	.....	44,420	14,547	104	21	15	5,100	321	211	2,014
Vermont:														
35	1910	49,921	1,087	25	2	14,643	11,415	7	37	172	2,464	203	219	798
36	1900	44,747	353	18	.....	14,984	10,671	36	15	110	2,447	53	171	900
Massachusetts:														
37	1910	1,059,245	35,455	1,745	169	134,659	162,710	1,873	2,287	3,405	92,658	10,744	5,926	30,555
38	1900	846,324	12,931	510	.....	134,416	158,753	2,681	1,033	2,470	82,346	5,104	3,905	32,927
Rhode Island:														
39	1910	179,141	6,130	958	50	34,087	7,807	213	316	328	27,834	297	1,711	4,459
40	1900	134,519	1,457	383	.....	31,333	7,744	344	185	268	22,832	322	679	4,360
Connecticut:														
41	1910	329,574	23,442	330	59	18,889	7,808	353	341	2,724	22,463	776	2,619	31,127
42	1900	238,210	7,908	209	.....	19,174	7,871	569	267	2,549	21,569	442	2,427	32,248
MIDDLE ATLANTIC:														
43	1910	2,748,011	245,004	3,484	1,033	24,563	98,958	4,482	17,483	12,544	146,870	8,760	23,472	436,911
44	1900	1,900,425	104,534	1,787	.....	27,199	90,336	6,880	6,436	8,746	135,685	4,048	20,008	499,820
New Jersey:														
45	1910	660,788	56,779	1,867	122	1,203	7,922	932	1,917	5,056	50,375	1,640	6,240	122,880
46	1900	431,884	17,445	1,197	.....	1,118	6,014	1,344	813	3,899	45,428	367	5,543	121,414
Pennsylvania:														
47	1910	1,442,374	251,774	3,250	1,407	1,246	14,437	1,468	2,105	3,634	109,115	2,413	10,063	195,202
48	1900	985,250	86,412	4,132	.....	1,408	13,292	1,840	1,150	2,031	114,891	988	9,158	226,796
EAST NORTH CENTRAL:														
49	1910	598,374	72,857	1,525	1,697	2,310	21,382	398	245	1,837	43,347	3,988	4,838	175,095
50	1900	458,734	27,982	600	.....	2,903	19,864	348	154	1,408	44,745	2,814	5,604	212,829
Indiana:														
51	1910	159,663	11,831	2,298	576	789	5,049	196	82	900	9,783	215	2,388	62,179
52	1900	142,121	5,022	2,576	.....	948	4,986	201	36	763	10,874	109	2,984	77,811
Illinois:														
53	1910	1,205,314	163,025	9,399	1,875	7,440	38,311	1,560	551	17,369	60,363	2,390	7,972	319,199
54	1900	966,747	67,073	4,394	.....	9,129	41,466	1,462	328	15,686	64,390	859	7,787	309,660
Michigan:														
55	1910	597,556	31,034	5,683	375	28,083	144,780	187	150	6,315	42,737	31,144	2,421	131,586
56	1900	591,653	16,272	2,647	.....	32,483	115,915	245	129	6,390	43,839	19,910	2,590	145,292
Wisconsin:														
57	1910	512,865	38,092	4,020	393	7,992	17,004	163	54	16,454	13,959	5,705	1,396	233,384
58	1900	315,971	22,832	4,412	.....	10,091	23,860	203	79	16,171	17,995	2,198	1,437	208,381
WEST NORTH CENTRAL:														
Minnesota:														
59	1910	543,595	37,121	1,557	2,421	11,062	30,059	249	112	16,137	12,139	26,637	1,460	109,628
60	1900	505,318	20,890	957	.....	12,003	35,515	153	64	16,299	12,022	10,727	1,449	125,191
Iowa:														
61	1910	273,765	15,967	929	635	944	10,675	76	76	17,961	16,788	140	1,618	98,759
62	1900	308,920	13,156	491	.....	1,519	14,178	102	72	17,102	21,027	47	1,905	123,277
Missouri:														
63	1910	229,779	16,222	1,000	451	779	7,290	452	272	1,729	13,760	120	2,794	88,226
64	1900	216,379	8,275	884	.....	1,059	7,557	442	148	1,510	14,666	65	3,288	110,758
North Dakota:														
65	1910	156,654	5,149	229	268	2,376	19,131	30	9	5,355	3,070	1,186	265	16,572
66	1900	117,091	2,802	154	.....	3,162	25,004	31	4	3,953	2,969	651	251	12,198

¹ For the census of 1890 persons reported as born in Poland are included under "All other countries;" for the censuses of 1910 and 1900 (so far as possible) they are distributed under Austria, Germany, and Russia, respectively.

² Included under "All other countries" for 1910 and 1900.

COUNTRY OF ORIGIN.

UNITED STATES AND DIVISIONS, 1890-1910, AND BY STATES, 1910 AND 1900.

PERSONS BORN IN—

	Greece.	Hungary.	Ireland.	Italy.	Japan.	Mexico.	Netherlands (Holland).	Norway.	Portugal.	Roumania. ⁶	Russia. ⁷	Scotland.	Spain.	Sweden.	Switzerland.	Turkey in Asia. ⁸	Turkey in Europe. ⁸	Wales.	All other countries. ¹
1	101,282	495,609	1,352,251	1,343,125	67,754	221,915	120,063	403,877	59,360	65,923	1,602,782	261,076	2,108	665,207	124,848	59,729	32,230	82,458	71,558
2	5,515	145,714	1,615,459	484,027	24,768	103,393	94,931	336,366	30,608	15,022	573,192	233,524	7,053	582,014	115,563	.....	3,910	83,586	80,630
3	1,937	62,835	1,971,508	182,650	2,292	77,853	81,828	322,655	15,996	.....	182,644	212,231	6,185	478,041	104,063	.....	1,839	100,079	200,813
4	16,764	16,907	334,486	179,430	261	138	2,144	8,448	33,916	2,054	102,699	48,421	1,160	70,777	3,710	19,240	7,693	3,702	19,105
5	2,102	6,828	357,573	61,297	129	76	1,275	5,244	16,701	483	63,357	42,157	453	59,415	3,181	.....	3,577	3,904	13,196
6	83	1,624	412,543	16,829	108	141	8178	3,927	4,239	.....	11,795	38,806	440	35,821	2,344	.....	458	3,003	13,823
7	15,893	267,951	615,756	783,799	1,537	805	26,581	32,684	1,030	44,403	803,508	88,995	4,615	87,719	31,345	16,360	8,147	37,921	14,157
8	2,133	99,474	726,206	296,708	512	518	20,312	16,290	548	12,280	325,067	78,459	1,948	74,175	26,895	.....	3,102	43,952	21,875
9	521	43,916	828,270	101,792	285	510	16,942	12,157	435	.....	81,101	80,576	1,964	51,935	21,864	.....	664	47,478	65,079
10	17,916	162,261	179,295	146,828	475	929	69,661	99,192	508	9,945	274,693	48,716	614	178,140	33,230	7,888	7,411	18,259	8,534
11	2,032	26,534	228,613	44,521	155	807	52,215	100,159	337	540	78,817	47,063	433	170,923	34,795	.....	1,711	22,122	15,963
12	358	10,116	287,815	16,671	123	356	47,065	104,626	407	.....	27,727	51,250	317	141,291	2,344	.....	146	22,997	78,115
13	13,989	24,272	78,614	38,238	990	10,827	21,010	198,786	89	5,401	118,683	21,817	680	213,531	13,171	3,879	3,049	7,840	5,575
14	202	26,534	228,613	44,521	155	807	52,215	100,159	337	540	78,817	47,063	433	170,923	34,795	.....	1,711	22,122	15,963
15	46	3,754	145,904	5,266	26	329	14,214	17,221	108	.....	42,180	30,369	389	194,580	22,009	.....	177	11,406	19,398
16	4,300	10,600	27,485	38,294	149	242	630	1,469	294	1,055	49,149	7,145	4,983	2,984	2,076	2,771	1,651	2,007	2,046
17	673	2,104	36,160	10,609	36	195	538	998	120	218	20,478	6,470	1,279	2,131	1,954	.....	216	1,810	3,077
18	167	1,153	48,003	4,894	54	207	341	660	151	.....	5,900	7,144	621	1,797	1,615	.....	513	1,787	4,674
19	1,387	1,742	10,124	8,183	26	226	379	499	14	317	8,153	2,503	203	1,598	2,748	1,394	282	729	755
20	213	6,400	16,302	3,608	13	139	271	408	17	68	3,848	2,756	170	1,350	3,216	.....	145	97	542
21	76	515	23,411	2,242	9	128	213	262	27	.....	1,247	3,308	161	1,115	3,199	.....	19	1,410	1,975
22	1,956	11,994	31,686	402	128,917	932	2,507	182	435	.....	14,111	4,153	1,623	6,463	3,768	2,019	613	896	2,077
23	2,684	1,016	15,338	22,550	28	71,752	494	1,748	166	68	7,346	3,430	892	5,684	3,333	.....	547	821	2,865
24	191	351	19,787	10,072	22	52,001	299	1,545	209	.....	1,466	3,183	1,133	3,065	2,894	.....	73	569	4,631
25	13,269	4,296	26,873	34,433	10,236	45,793	3,667	15,129	525	794	18,594	15,143	3,152	35,485	6,970	1,249	1,321	6,157	2,789
26	314	1,271	27,584	14,295	5,120	21,367	1,262	3,388	317	70	4,620	12,756	407	28,549	5,620	.....	259	6,523	2,496
27	61	480	29,645	7,422	35	16,887	656	5,900	336	.....	3,387	12,538	235	22,928	4,388	.....	37	6,910	2,153
28	15,662	5,624	67,653	82,274	53,668	34,038	5,079	45,163	22,892	1,589	32,892	25,376	5,075	68,510	21,821	4,329	2,093	4,477	16,520
29	532	1,177	36,948	25,915	18,555	8,212	1,971	17,740	12,347	116	8,954	15,373	1,006	31,841	15,476	.....	742	3,859	11,306
30	384	546	75,828	17,492	1,630	7,294	1,231	14,307	10,084	.....	7,841	15,055	905	24,969	13,150	.....	213	3,910	11,075
31	579	157	7,890	3,468	12	28	27	509	82	20	4,752	2,380	111	2,203	56	744	74	204	265
32	7	29	10,159	1,334	10	3	22	509	53	.....	1,358	2,127	29	1,935	45	.....	821	199	640
33	2,634	66	10,613	2,071	1	6	48	491	110	26	4,345	1,979	17	2,068	78	891	1,965	58	189
34	44	84	13,547	947	1	3	21	295	29	1	1,044	2,019	5	2,032	96	.....	65	68	256
35	113	539	4,940	4,594	3	6	25	102	79	17	2,455	2,615	351	1,331	214	189	31	1,043	112
36	3	128	7,453	2,154	1	3	20	54	53	.....	615	2,049	53	1,020	98	.....	22	1,056	207
37	11,413	1,996	222,807	85,056	150	71	1,597	5,432	26,447	858	117,261	28,416	549	39,562	1,341	12,546	3,592	1,513	16,492
38	1,843	926	249,916	28,789	78	41	993	3,333	13,453	128	37,919	24,382	239	32,192	1,277	.....	2,396	1,680	9,155
39	951	294	29,718	27,287	30	8	143	578	6,501	415	9,765	6,272	40	7,405	160	3,132	658	268	1,202
40	84	69	35,501	8,972	14	4	69	342	2,540	110	3,278	5,455	23	6,072	166	.....	284	256	1,353
41	1,074	13,855	58,456	56,954	65	19	304	1,265	707	718	54,121	6,750	92	18,208	1,806	1,738	696	610	905
42	121	5,692	70,994	19,105	25	22	153	709	568	247	19,143	6,175	104	16,164	1,499	.....	226	650	1,680
43	10,097	96,843	367,889	472,201	1,133	555	12,632	25,013	660	34,443	558,956	39,437	3,766	53,765	16,315	9,478	5,094	7,464	8,776
44	1,573	37,168	425,533	182,248	392	353	9,414	12,601	362	10,549	202,957	33,862	1,614	42,708	13,678	.....	1,915	7,304	10,695
45	1,575	47,610	82,755	115,446	193	97	12,698	5,351	145	2,208	93,567	17,512	495	10,547	7,549	2,396	389	1,202	2,104
46	115	14,913	94,844	41,865	67	55	10,261	2,296	62	47	28,398	14,211	154	7,337	6,570	.....	636	1,193	3,654
47	4,221	123,498	165,109	196,122	181	153	13,231	2,320	225	7,752	240,985	32,046	355	27,437	7,484	4,486	2,754	29,253	3,277
48	465	47,393	205,609	60,655	53	110	637	1,393	124	1,259	93,712	30,386	189	24,130	6,707	.....	551	35,453	7,526
49	1,660	5,582	15,839	9,660	67	52	3,542	105,303	16	2,008	17,541	4,373	53	122,428	2,892	698	528	1,022	1,610
50	75	2,182	22,428	2,222	58	24	2,717	104,836	8	483	7,286	4,810	150	115,476	3,235	.....	125	1,288	2,497
51	3,356	1,178	17,756	5,846	33	620	11,337	21,924	8	384	6,310	5,162	40	26,763	3,675	6,000	479	2,431	1,292
52	18	453	28,321	1,198	11	29	9,388	25,634	2	854	2,455	6,425	21	29,875	4,342	.....	93	3,091	1,614
53	2,790	11,532	23,297	12,984	100	1,413	988	660	44	1,522	21,402	3,651	266	6,594	6,141	1,084	1,000	1,219	937
54	66	902	31,832	4,345	11	162	812	530	16	115	8,340	3,875	61	5,692	6,810	.....	88	1,613	1,465
55	1,196	11,597	20,434	16,501	54	86	33,471	7,638	20	510	37,978	9,932	53	26,374	2,780	1,567	342	786	1,354
56	184	835	29,182	6,178	14	56	30,400	7,532	10	11	8,662	10,343	61	26,956	2,617	.....	101	858	2,935
57	2,764	10,5																	

FOREIGN-BORN POPULATION BY COUNTRY OF BIRTH, FOR THE

Table 11—Continued.		Total foreign born.	PERSONS BORN IN—											
			Austria.	Belgium.	Bulgaria, Serbia, and Montenegro.	Canada. ¹		China.	Cuba and other West Indies. ²	Denmark.	England.	Finland.	France.	Germany.
						French.	Other.							
WEST NORTH CENTRAL—Contd.														
South Dakota:														
1	1910.....	100,790	5,372	237	501	998	5,012	96	17	6,294	4,024	1,381	252	21,544
2	1900.....	88,508	3,263	126	.....	1,138	5,906	150	10	5,038	3,862	1,175	262	18,172
Nebraska:														
3	1910.....	176,662	24,362	491	183	674	6,661	89	47	13,674	8,009	79	659	57,302
4	1900.....	177,347	21,188	272	.....	1,039	8,010	190	31	12,531	9,757	37	876	66,811
Kansas:														
5	1910.....	135,450	12,094	1,705	118	1,087	6,101	36	74	2,760	11,262	4	2,657	34,508
6	1900.....	126,685	6,636	985	.....	1,185	7,053	18	37	2,914	13,283	44	2,012	39,689
SOUTH ATLANTIC.														
Delaware:														
7	1910.....	17,492	992	8	1	63	441	29	34	52	1,558	9	170	2,573
8	1900.....	13,810	227	9	.....	41	257	31	33	43	1,506	23	148	2,771
Maryland:														
9	1910.....	104,944	8,254	59	31	110	1,320	299	453	237	5,211	47	552	36,657
10	1900.....	93,954	4,869	40	.....	87	1,143	492	368	177	5,299	28	584	45,865
District of Columbia:														
11	1910.....	24,902	459	41	10	109	1,052	270	243	176	2,638	21	511	5,179
12	1900.....	20,119	201	32	.....	97	809	417	134	88	2,299	14	389	5,868
Virginia:														
13	1910.....	27,057	1,281	48	10	104	1,256	126	233	240	3,687	50	300	4,228
14	1900.....	19,461	535	19	.....	104	1,026	238	107	128	3,425	36	316	4,510
West Virginia:														
15	1910.....	57,218	8,360	800	100	88	784	62	46	67	3,511	127	535	6,327
16	1900.....	22,451	1,143	79	.....	72	639	47	12	60	2,622	6	298	6,070
North Carolina:														
17	1910.....	6,092	139	5	2	29	514	61	43	36	949	18	114	1,074
18	1900.....	4,492	31	16	.....	36	444	44	37	36	904	3	95	1,198
South Carolina:														
19	1910.....	6,179	222	97	1	39	243	46	59	51	517	42	70	1,744
20	1900.....	5,528	92	10	.....	31	173	61	57	55	474	9	84	2,082
Georgia:														
21	1910.....	15,477	349	27	6	70	731	174	226	112	1,671	49	224	3,029
22	1900.....	12,403	230	25	.....	80	679	184	157	88	1,514	10	249	3,435
Florida:														
23	1910.....	40,633	928	50	14	151	1,577	156	17,056	295	3,078	89	285	2,440
24	1900.....	23,832	116	18	.....	88	1,114	118	11,654	294	2,231	42	262	1,816
EAST SOUTH CENTRAL.														
Kentucky:														
25	1910.....	40,162	1,032	73	77	98	972	34	42	78	2,619	18	645	19,351
26	1900.....	50,249	543	77	.....	136	1,072	46	28	77	3,256	6	983	27,585
Tennessee:														
27	1910.....	18,607	637	27	11	91	1,065	40	71	163	2,045	21	305	3,903
28	1900.....	17,746	321	26	.....	119	926	66	46	117	2,207	16	332	4,589
Alabama:														
29	1910.....	19,286	904	45	106	96	737	44	230	197	2,365	38	592	3,603
30	1900.....	14,592	390	45	.....	89	617	54	134	96	2,347	38	539	3,642
Mississippi:														
31	1910.....	9,770	417	17	2	46	404	195	156	119	777	88	291	1,666
32	1900.....	7,981	209	24	.....	75	345	206	45	86	798	28	365	1,928
WEST SOUTH CENTRAL.														
Arkansas:														
33	1910.....	17,046	1,268	111	17	119	955	44	27	178	1,519	15	387	5,815
34	1900.....	14,289	851	14	.....	161	932	50	22	135	1,394	3	387	6,674
Louisiana:														
35	1910.....	52,706	1,597	202	25	250	941	346	630	239	2,086	78	5,345	8,926
36	1900.....	52,903	798	315	.....	253	781	554	543	216	2,068	113	6,500	11,866
Oklahoma:														
37	1910.....	40,442	3,889	191	115	320	2,551	127	65	550	2,981	18	749	10,090
38	1900.....	20,538	1,897	97	.....	227	1,580	59	19	259	1,900	2	516	5,999
Texas:														
39	1910.....	241,938	20,570	328	240	356	3,178	492	339	1,289	8,498	160	1,821	44,929
40	1900.....	179,357	16,696	244	.....	400	2,549	767	243	1,089	8,213	113	2,025	49,859
MOUNTAIN.														
Montana:														
41	1910.....	94,713	8,350	235	2,155	2,874	10,968	1,098	39	1,943	8,981	4,111	639	8,669
42	1900.....	67,067	3,786	136	.....	3,516	10,310	1,675	18	1,041	8,077	2,103	539	7,192
Idaho:														
43	1910.....	42,578	1,561	94	576	796	4,575	773	13	2,254	4,983	652	333	5,049
44	1900.....	24,604	377	42	.....	395	2,528	1,411	10	1,626	3,943	292	194	2,987
Wyoming:														
45	1910.....	29,020	3,966	82	331	143	1,288	204	38	962	2,985	1,380	316	2,638
46	1900.....	17,415	1,132	29	.....	159	1,068	424	8	884	2,566	1,220	188	2,137
Colorado:														
47	1910.....	129,587	13,043	375	608	789	8,792	320	99	2,756	12,628	1,239	1,374	17,071
48	1900.....	91,155	6,381	170	.....	900	8,837	581	71	2,659	13,575	844	1,162	14,666
New Mexico:														
49	1910.....	23,146	1,233	44	167	111	912	202	25	116	1,101	26	336	1,746
50	1900.....	15,625	376	25	.....	84	680	314	9	57	968	29	298	1,365
Arizona:														
51	1910.....	48,765	1,488	50	371	177	1,650	1,016	37	284	3,500	560	323	1,846
52	1900.....	24,233	318	33	.....	153	1,116	1,296	17	199	1,561	32	253	1,247
Utah:														
53	1910.....	65,822	1,870	74	346	114	1,576	311	9	8,300	18,083	1,012	393	3,963
54	1900.....	53,777	272	29	.....	128	1,203	544	6	9,132	18,879	734	293	2,365
Nevada:														
55	1910.....	19,691	822	26	178	272	1,575	760	16	616	1,793	51	653	1,916
56	1900.....	16,093	102	9	.....	222	810	1,279	2	339	1,167	174	303	1,182
PACIFIC.														
Washington:														
57	1910.....	256,241	12,745	1,238	1,947	3,711	35,771	2,301	176	7,804	10,430	8,719	2,340	29,288
58	1900.....	111,364	2,738	340	.....	1,899	18,385	3,462	67	3,626	10,481	2,732	1,065	16,831
Oregon:														
59	1910.....	113,136	5,241	573	1,095	1,146	11,263	6,408	68	3,215	7,998	4,734	1,159	17,958
60	1900.....	65,748	1,189	293	.....	874	6,694	9,307	31	1,663	5,083	2,131	775	13,327
California:														
61	1910.....	586,432	17,165	1,464	880	3,109	41,568	27,764	854	14,209	48,703	6,159	17,407	76,307
62	1900.....	367,240	5,932	785	.....	2,410	27,468	40,262	465	9,040	35,746	2,763	12,256	72,636

¹ Included under "All other countries" for 1900.² Included Newfoundland for 1900.³ Except Porto Rico.⁴ Turkey in Asia included with Turkey in Europe for 1900.

COUNTRY OF ORIGIN.

UNITED STATES AND DIVISIONS, 1890-1910, AND BY STATES, 1910 AND 1900—Continued.

PERSONS BORN IN—

	Greece.	Hungary.	Ireland.	Italy.	Japan.	Mexico.	Netherlands (Holland).	Norway.	Portugal.	Roumania.	Russia.	Scotland.	Spain.	Sweden.	Switzerland.	Turkey in Asia. ¹	Turkey in Europe. ¹	Wales.	All other countries. ²	
1		231	594	2,980	1,158	38	15	2,656	20,918	2	55	13,189	1,102	5	9,998	800	246	238	503	332
2		3	421	3,298	360	1	13	1,506	19,788	2	40	12,492	1,133	3	8,647	583	48	549	437
3	3,459	1,453	8,124	3,799	583	290	872	2,750	7	295	13,020	2,242	21	23,219	2,150	572	247	824	525	
4		23	461	11,127	732	9	27	885	2,883	6	24	8,484	2,773	182	24,693	2,340	55	922	959
5	1,410	1,078	8,100	3,520	111	8,420	906	1,294	9	67	15,311	3,591	282	13,309	2,853	287	287	1,615	592	
6		17	650	11,516	987	2	71	875	1,477	20	81	11,451	4,210	39	15,144	3,337	37	2,005	581
7	34	247	3,985	2,893	4	2	20	38	1	39	3,429	344	5	332	78	10	9	34	58	
8	12	86	5,044	1,422	1	2	69	49	2	11	1,345	341	4	302	59	.....	2	43	204
9	463	2,089	9,705	6,969	23	10	203	363	37	220	27,537	1,955	84	421	452	80	44	583	476	
10	95	323	13,874	2,449	9	26	220	246	20	26	13,574	2,128	34	347	320	.....	21	674	765
11	342	153	5,347	2,761	44	26	64	149	2	41	3,393	705	51	359	281	139	41	87	206	
12	34	48	6,220	930	11	38	42	104	6	2	913	54	31	234	244	.....	33	82	222
13	721	1,784	2,450	2,449	14	12	90	311	85	72	4,379	1,246	69	368	246	484	144	225	336	
14	59	607	3,534	781	12	13	72	123	29	15	1,545	1,162	35	218	229	.....	79	297	452
15	787	5,939	2,292	17,232	4	10	60	38	3	259	5,143	1,088	464	279	600	726	420	880	127	
16	108	810	3,342	2,921	.....	7	22	19	.....	1	1,038	855	5	132	696	.....	20	482	345
17	174	37	306	521	2	10	28	39	20	7	711	435	8	112	68	402	107	35	95	
18	14	8	371	201	1	4	17	21	8	6	282	320	6	68	77	.....	16	20	208
19	282	40	676	316	7	2	19	82	3	9	786	239	14	95	36	263	43	11	125	
20	62	19	1,131	180	.....	2	6	49	6	6	398	239	15	65	36	.....	4	8	174
21	941	230	1,655	545	5	25	52	145	23	85	3,224	527	91	289	169	376	99	89	239	
22	191	196	2,293	218	1	14	38	155	12	36	1,350	417	65	204	180	.....	21	65	329
23	886	79	1,069	4,538	46	145	85	304	30	323	547	696	4,199	729	116	291	744	63	384	
24	98	37	797	1,707	1	84	52	235	37	115	230	404	1,084	561	143	.....	14	169	401
25	273	725	5,914	1,316	11	28	140	53	3	100	3,222	641	24	190	1,633	369	55	222	184	
26	24	146	9,874	679	3	19	136	34	1	22	1,658	731	21	222	1,929	.....	17	337	525
27	374	376	2,296	2,034	8	45	78	89	2	77	2,484	561	26	363	900	159	20	252	184	
28	58	290	3,372	1,222	4	29	52	141	4	7	1,156	544	14	337	1,004	.....	34	300	427
29	633	585	1,167	2,696	5	81	127	266	4	108	1,531	1,120	74	753	213	380	128	230	219	
30	129	332	1,792	862	6	43	42	159	8	16	564	1,223	59	488	200	.....	66	306	316
31	117	56	747	2,137	2	72	34	91	5	32	916	181	79	292	82	477	79	25	168	
32	22	40	1,264	845	.....	48	41	74	4	23	470	196	76	303	83	.....	28	30	274
33	179	285	1,079	1,699	9	132	145	76	1	38	760	442	9	385	804	169	45	148	186	
34	6	97	1,345	576	.....	68	69	54	.....	3	340	342	7	355	679	.....	1	113	211
35	237	397	3,757	20,233	30	1,025	113	295	73	111	1,805	455	719	344	421	949	193	82	729	
36	84	148	6,436	1,428	12	4,488	78	189	94	16	802	399	583	359	523	.....	200	126	875
37	590	348	1,801	2,564	47	2,744	230	351	19	27	4	5,807	1,218	47	1,028	770	133	365	329	
38	5	178	1,384	601	.....	134	85	149	.....	4	3,128	737	.....	582	444	376	209	251	
39	756	926	5,357	7,190	316	125,016	424	1,785	89	259	5,739	2,028	848	4,706	1,773	1,125	237	301	833	
40	169	593	6,173	3,942	16	71,062	262	1,356	62	45	3,076	1,932	280	4,338	1,709	.....	216	313	1,545
41	1,905	1,486	9,469	6,592	1,566	67	1,054	7,170	31	266	2,228	3,373	49	6,412	988	201	491	884	419	
42	20	274	9,436	2,199	2,427	47	516	3,354	34	28	507	2,422	20	5,846	796	.....	157	935	347
43	1,843	202	1,782	2,067	1,330	133	261	2,566	49	19	743	1,282	1,047	4,985	1,719	73	129	822	367	
44	9	37	1,633	779	1,305	28	50	1,173	35	1	149	796	77	2,822	2,017	.....	8	732	148
45	1,915	437	1,359	1,961	1,575	188	79	623	50	57	763	1,812	120	2,497	251	151	262	419	168	
46	230	687	1,691	781	397	58	18	378	12	2	119	1,263	5	1,727	199	.....	393	54	
47	2,272	1,282	8,701	14,375	2,245	2,602	710	1,787	43	334	13,618	4,269	177	12,446	1,767	333	217	1,959	666	
48	37	574	10,132	6,818	51	274	230	1,149	28	35	3,403	4,069	41	10,765	1,479	.....	33	1,965	755
49	167	209	644	1,959	254	9	11,918	86	151	6	228	509	100	365	172	123	17	93	126	
50	1	41	692	661	9	6,649	99	33	6	2	137	427	27	244	123	.....	13	106	151
51	77	115	1,550	1,591	361	29,887	41	272	20	16	311	376	857	845	314	128	44	210	204	
52	10	22	1,159	639	284	14,172	23	123	18	1	119	399	51	342	199	.....	29	136	222
53	4,039	171	1,657	3,117	2,050	166	41	3,392	8	18	568	2,833	24	7,227	1,691	215	146	1,672	542	
54	3	33	3,516	1,062	419	41	523	2,128	8	1	154	3,143	8	7,025	1,469	.....	18	2,141	578
55	1,051	44	1,702	2,831	555	732	44	255	305	8	135	469	778	708	458	25	13	168	297	
56	4	3	1,425	1,296	228	98	8	50	176	.....	42	247	178	278	.....	1	128	126	
57	4,187	1,160	10,180	13,121	12,177	145	2,157	28,368	179	211	10,961	7,101	385	32,199	3,447	423	728	1,976	1,877	
58	63	222	7,262	2,124	5,750	73	622	9,891	137	19	2,728	3,623	54	12,737	1,825	.....	65	1,509	953
59	3,555	1,166	4,905	5,538	3,277	199	618	6,843	174	258	5,321	3,387	462	10,099	3,853	107	553	585	1,144	
60	95	150	4,210	1,018	2,522	53	324	2,769	142	24	1,973	2,263	56	4,355	2,677	.....	29	401	543
61	7,920	3,304	52,478	63,615	38,214	33,694	2,394	9,952	22,559	1,129	16,610	13,635	4,299	26,212	14,521	3,709	812	2,416	18,499	
62	372	798	44,476	22,777	10,264	8,085	1,015	5,060	12,068	73	4,233	5,467	896	14,540	10,974	.....	649	1,949	9,816

¹Included persons in 1900 reported as born in Poland, without specification as to whether German, Austrian, or Russian Poland.

NATIVE WHITE POPULATION OF FOREIGN OR MIXED PARENTAGE,

Table 15 DIVISION AND STATE.		Total native white persons of foreign or mixed parentage.	NATIVE WHITE PERSONS HAVING BOTH PARENTS BORN IN COUNTRY SPECIFIED, OR ONE PARENT SO BORN AND THE OTHER NATIVE.											
			Austria.	Belgum.	Bulgaria, Servia, and Montenegro.	Canada.		Cuba and other West Indies. ¹	Denmark.	England.	Finland.	France.	Germany.	Greece.
						French.	Other.							
1	United States.....	18,897,837	828,635	39,867	1,224	547,155	1,011,390	18,673	218,443	1,455,987	81,357	175,153	5,781,437	8,401
GEOGRAPHIC DIVISIONS:														
2	New England.....	2,052,709	37,544	895	63	331,085	249,284	936	6,514	165,159	7,239	8,068	106,684	1,367
3	Middle Atlantic.....	5,591,312	319,921	5,826	291	49,134	127,770	4,797	15,701	447,114	4,640	43,161	1,497,961	2,116
4	East North Central.....	5,108,434	239,065	23,298	337	98,641	310,212	595	49,730	333,854	32,600	44,426	2,240,680	2,029
5	West North Central.....	3,214,703	140,691	5,686	123	43,127	151,117	438	88,557	156,200	21,120	23,182	1,174,651	642
6	South Atlantic.....	439,843	13,048	564	22	1,200	9,440	10,246	1,259	41,735	168	4,740	163,046	665
7	East South Central.....	214,977	2,472	202	51	697	4,613	167	748	18,434	155	5,059	97,056	245
8	West South Central.....	605,283	40,058	887	73	2,497	14,768	837	3,668	38,189	156	21,307	205,714	430
9	Mountain.....	616,921	16,903	654	128	5,233	42,343	134	31,147	116,679	4,927	5,717	92,070	172
10	Pacific.....	1,053,655	16,933	1,855	146	12,541	101,843	523	23,119	108,603	10,352	19,493	223,575	735
NEW ENGLAND:														
11	Maine.....	134,955	389	20	19	40,494	49,884	52	1,055	6,927	383	321	2,004	53
12	New Hampshire.....	103,117	990	34	.....	40,489	19,966	28	124	6,478	636	199	2,487	88
13	Vermont.....	75,055	436	22	2	25,876	16,037	10	142	3,959	174	270	1,349	18
14	Massachusetts.....	1,170,447	18,256	417	17	160,623	147,515	514	2,669	91,882	5,426	3,993	47,174	1,063
15	Rhode Island.....	194,646	2,950	213	3	39,127	7,538	156	261	25,900	165	669	6,564	102
16	Connecticut.....	374,459	14,523	189	22	24,476	8,344	176	2,263	30,004	455	2,616	47,106	103
MIDDLE ATLANTIC:														
17	New York.....	3,007,248	137,163	1,534	81	45,132	100,727	3,245	8,173	194,961	2,746	22,509	797,706	1,180
18	New Jersey.....	777,797	31,429	1,001	45	1,572	8,813	693	4,111	71,744	619	6,799	210,756	307
19	Pennsylvania.....	1,805,267	151,329	3,291	165	2,430	18,230	859	2,917	180,409	1,275	13,853	459,499	629
EAST NORTH CENTRAL:														
20	Ohio.....	1,024,393	52,713	1,171	165	5,051	26,009	139	1,958	84,777	3,313	14,026	498,704	399
21	Indiana.....	350,551	6,005	1,907	21	2,214	8,552	45	1,274	24,886	100	6,699	202,021	108
22	Illinois.....	1,723,847	117,824	5,456	90	16,137	48,299	264	16,151	108,063	702	13,791	605,226	1,148
23	Michigan.....	964,882	19,488	4,822	21	54,826	193,985	100	8,486	77,599	24,404	6,249	293,170	148
24	Wisconsin.....	1,044,761	43,035	9,939	40	20,413	33,967	47	21,861	38,529	3,991	3,661	561,559	226
WEST NORTH CENTRAL:														
25	Minnesota.....	941,136	38,058	1,604	53	24,145	45,270	52	21,357	24,370	17,826	3,022	287,232	180
26	Iowa.....	632,181	23,919	857	17	3,192	25,660	88	23,780	46,639	51	4,500	261,247	154
27	Missouri.....	518,201	13,567	911	16	2,175	13,269	190	2,527	34,662	64	8,202	279,287	161
28	North Dakota.....	251,236	6,051	260	2	4,760	25,747	4	6,848	6,253	1,424	629	43,195	20
29	South Dakota.....	217,491	7,884	347	6	2,900	11,204	30	8,669	10,851	1,694	851	61,250	11
30	Nebraska.....	362,353	38,449	364	6	2,117	15,135	39	18,889	22,585	46	1,748	144,412	55
31	Kansas.....	292,105	12,763	1,343	23	3,838	14,832	35	4,457	30,840	15	4,230	98,028	61
SOUTH ATLANTIC:														
32	Delaware.....	23,873	407	.....	.....	61	371	19	36	3,025	.....	262	4,993	16
33	Maryland.....	101,838	8,005	44	2	167	1,530	168	246	10,644	8	1,139	98,673	161
34	District of Columbia.....	45,066	351	33	4	184	1,388	95	149	5,061	6	558	13,119	73
35	Virginia.....	37,943	1,012	38	5	200	1,443	49	233	5,751	23	510	9,564	71
36	West Virginia.....	57,678	2,495	348	4	188	1,187	7	99	6,804	37	785	18,584	30
37	North Carolina.....	8,851	85	5	.....	66	601	21	41	1,706	20	179	2,274	29
38	South Carolina.....	11,137	194	11	.....	32	313	23	77	1,031	5	219	3,955	49
39	Georgia.....	25,672	309	40	1	124	954	122	105	3,216	16	583	6,838	145
40	Florida.....	38,825	190	45	6	178	1,653	9,742	271	4,497	48	505	5,046	91
EAST SOUTH CENTRAL:														
41	Kentucky.....	124,704	685	115	16	209	1,530	21	136	7,229	14	2,154	72,909	30
42	Tennessee.....	38,367	504	25	12	224	1,455	22	206	4,433	14	785	10,629	66
43	Alabama.....	32,417	758	31	23	165	1,044	60	233	4,619	37	1,148	8,528	129
44	Mississippi.....	19,489	525	31	.....	99	584	64	173	2,153	90	971	4,990	23
WEST SOUTH CENTRAL:														
45	Arkansas.....	36,608	1,289	72	21	308	1,652	20	270	4,135	15	1,003	14,790	36
46	Louisiana.....	112,717	1,287	439	10	455	1,553	638	517	5,681	69	14,609	32,369	142
47	Oklahoma.....	94,044	4,948	161	34	1,016	6,133	39	1,095	10,516	14	1,701	31,696	44
48	Texas.....	361,914	32,534	215	8	718	5,430	140	1,786	17,797	58	3,994	126,859	268
MOUNTAIN:														
49	Montana.....	106,809	4,471	159	26	3,730	12,430	16	1,998	11,756	2,512	746	17,999	29
50	Idaho.....	75,105	714	65	4	1,221	6,891	10	5,212	16,073	302	626	12,174	27
51	Wyoming.....	32,504	1,524	54	5	316	2,110	5	1,357	5,881	774	375	5,496	22
52	Colorado.....	181,428	8,292	279	41	1,742	12,797	69	2,955	23,722	618	2,280	38,811	48
53	New Mexico.....	26,331	474	26	3	293	1,330	10	166	2,294	.....	487	4,397	3
54	Arizona.....	42,176	451	35	18	233	1,868	14	418	3,774	139	373	3,810	11
55	Utah.....	131,527	758	19	25	349	3,026	4	18,311	49,934	523	480	5,965	23
56	Nevada.....	20,351	219	17	6	349	1,891	6	700	3,245	59	371	3,418	9
PACIFIC:														
57	Washington.....	282,528	6,186	577	25	5,667	39,083	60	7,274	27,055	4,539	2,704	58,096	139
58	Oregon.....	135,238	2,332	508	25	1,917	15,366	39	3,558	14,717	2,977	1,566	35,402	116
59	California.....	635,889	8,415	770	96	4,957	47,474	424	12,287	66,821	2,836	15,223	130,077	480

¹ Except Porto Rico.

COUNTRY OF ORIGIN.

209

BY COUNTRY OF ORIGIN, BY DIVISIONS AND STATES: 1910.

NATIVE WHITE PERSONS HAVING BOTH PARENTS BORN IN COUNTRY SPECIFIED, OR ONE PARENT SO BORN AND THE OTHER NATIVE—continued.															Persons of mixed foreign parentage. ²			
Hungary.	Ireland.	Italy.	Mexico.	Netherlands (Holland).	Norway.	Portugal.	Roumania.	Russia.	Scotland.	Spain.	Sweden.	Switzerland.	Turkey in Asia.	Turkey in Europe.		Wales.	All other countries.	
1	204,627	3,152,205	755,290	162,200	173,521	575,241	53,499	21,801	938,897	398,629	11,157	888,032	176,816	18,929	3,033	166,468	53,608	1,177,092
2	9,109	643,877	97,933	65	1,771	4,920	21,268	767	98,921	49,327	609	55,697	2,905	5,140	587	4,523	12,479	127,973
3	121,789	1,806,382	445,704	410	31,004	17,039	866	16,090	488,995	122,262	2,328	72,551	29,799	4,624	995	71,394	8,176	361,972
4	52,690	527,483	79,336	307	93,835	146,946	926	1,949	149,131	84,631	497	187,172	60,668	2,233	525	40,090	7,787	287,385
5	10,840	290,413	16,849	600	33,951	344,896	1,141	1,611	114,358	51,838	382	278,419	37,800	1,552	203	20,289	7,018	180,086
6	3,555	84,126	16,929	135	899	1,633	171	424	33,062	14,549	1,810	3,081	3,107	1,217	195	3,785	1,864	23,168
7	828	41,223	6,637	131	652	662	32	139	5,906	6,233	544	1,983	5,124	638	112	1,704	809	11,621
8	1,498	47,346	31,959	109,909	1,523	3,988	283	139	15,691	10,782	1,969	10,008	6,619	1,172	206	2,201	2,380	28,996
9	2,106	66,825	16,130	32,870	3,556	17,010	245	178	11,797	26,945	537	37,847	9,217	486	59	13,633	2,263	56,091
10	2,276	144,530	43,763	17,773	5,830	38,147	29,594	504	21,076	32,662	2,481	52,244	21,577	1,817	211	8,829	10,832	99,790
11	70	17,059	1,120	3	45	506	114	6	2,415	2,712	66	2,105	62	293	52	347	278	6,101
12	43	19,976	871	2	35	361	43	8	1,546	2,329	19	1,488	85	249	38	67	110	4,328
13	98	14,687	2,023	3	35	73	40	1	1,166	2,758	77	1,090	98	83	46	1,159	93	3,235
14	1,133	410,160	45,521	37	1,289	15,966	252	59,239	27,071	326	28,908	1,067	3,259	351	1,715	10,805	80,901	11,621
15	158	58,490	15,578	6	99	339	4,325	172	5,123	6,154	32	5,810	148	760	48	387	672	26,788
16	7,612	123,505	32,820	14	268	703	760	328	29,432	8,303	89	16,296	1,445	496	52	848	521	12,630
17	44,486	723,263	266,867	239	15,251	12,392	511	12,662	289,372	51,249	1,817	36,532	13,241	2,361	556	12,264	4,261	204,767
18	21,089	177,743	76,405	74	14,805	3,001	81	1,029	53,117	30,587	231	7,801	6,211	756	77	2,082	1,337	52,982
19	56,214	405,376	102,432	97	1,448	1,646	274	2,399	146,506	50,426	280	28,218	10,347	1,507	362	57,048	2,578	104,223
20	30,254	126,791	20,712	80	3,592	922	189	534	27,393	18,429	105	5,533	22,959	600	219	22,129	1,388	53,139
21	4,252	41,942	2,239	44	3,240	662	22	76	4,986	7,098	61	6,720	7,460	294	32	2,592	716	14,293
22	12,907	236,983	44,525	119	18,002	35,525	646	1,076	78,944	32,857	245	114,709	12,998	592	119	7,846	3,151	98,659
23	2,601	60,981	7,893	42	54,560	9,136	29	159	25,045	15,525	50	30,563	4,411	514	81	1,573	1,424	69,997
24	2,612	60,786	3,967	22	14,441	100,701	40	104	15,763	9,122	36	29,647	12,840	283	74	6,250	1,108	50,297
25	2,978	56,916	3,339	39	5,392	174,304	18	673	12,736	8,282	49	145,591	5,589	261	41	2,909	1,992	56,828
26	849	74,259	17,744	44	17,411	44,978	12	77	3,512	13,702	48	39,432	7,459	114	35	6,142	2,000	30,169
27	3,043	75,346	8,134	161	1,944	1,080	18	397	12,861	8,786	151	7,873	11,066	423	38	3,268	1,108	27,483
28	1,813	9,203	103	3	1,202	77,347	7	383	30,276	2,422	9	14,640	1,157	249	16	559	225	16,429
29	468	14,419	445	12	4,022	39,828	6	17	19,824	3,060	4	13,294	1,650	96	18	1,560	474	12,577
30	689	29,538	1,041	29	2,219	4,957	25	57	11,865	6,288	43	35,267	4,217	292	34	2,258	512	19,177
31	1,000	30,782	2,113	312	1,761	2,402	28	7	23,184	9,278	78	22,322	6,662	87	21	3,603	617	17,433
32	129	10,054	1,636	2	22	27	3	12	1,999	553	21	293	64	10	3	116	73	1,666
33	700	29,998	4,200	18	295	308	43	74	19,433	4,889	93	470	493	30	20	1,439	554	7,994
34	95	13,963	1,792	14	109	169	7	14	2,340	1,312	62	303	324	84	7	248	171	3,031
35	699	7,037	1,620	11	168	386	33	55	3,228	1,933	45	353	309	300	46	317	235	2,262
36	1,652	10,848	3,897	1	71	41	3	21	2,151	2,236	91	320	1,303	289	69	1,329	102	2,646
37	20	1,095	249	7	34	41	13	17	628	762	16	106	115	127	13	66	99	416
38	31	2,646	232	4	15	59	7	5	661	555	32	88	51	116	14	18	102	592
39	184	5,889	428	16	90	141	16	41	2,254	1,217	105	349	256	173	14	143	205	1,698
40	45	2,596	2,875	62	95	461	46	185	368	1,092	1,345	799	192	88	9	109	323	2,863
41	133	23,773	1,229	24	324	79	7	42	2,395	1,807	41	252	2,924	131	18	616	264	5,597
42	359	8,848	1,725	30	148	153	8	21	1,757	1,352	42	518	1,597	75	10	599	183	2,546
43	300	4,892	1,981	51	107	282	10	58	1,103	2,401	170	755	376	185	31	456	198	2,849
44	36	3,710	1,722	26	73	148	7	18	711	673	291	458	227	247	53	33	164	1,189
45	270	4,491	953	93	235	126	2	14	654	1,255	28	550	1,151	51	13	405	232	2,414
46	304	15,105	22,678	645	195	344	171	23	1,380	1,365	1,693	592	905	407	66	191	678	8,146
47	352	10,191	1,505	489	527	857	11	8	8,778	3,363	33	2,001	1,720	158	54	940	337	5,293
48	572	17,559	6,823	108,682	566	2,661	99	94	4,879	4,799	215	6,885	2,843	466	73	655	1,133	13,143
49	656	18,962	1,409	36	962	6,773	10	25	1,215	3,538	22	5,392	1,036	84	3	1,436	241	9,137
50	67	5,537	560	41	378	3,510	33	1	769	3,173	134	6,000	2,039	37	1	2,434	328	6,834
51	170	3,877	528	148	92	626	8	12	334	2,418	14	2,653	403	11	12	810	113	2,949
52	998	24,387	9,815	787	1,024	2,247	46	120	8,809	7,419	128	12,968	2,217	170	26	3,428	502	14,683
53	72	2,078	868	10,030	121	180	8	158	910	51	384	266	92	9	186	84	1,351	2,201
54	63	3,351	658	21,650	71	270	9	9	149	946	61	729	318	55	5	351	129	2,306
55	70	4,333	1,111	39	861	3,205	16	9	312	7,623	25	9,836	2,548	35	1	4,695	716	16,675
56	10	4,300	1,181	139	47	199	115	2	51	918	102	485	390	2	2	313	149	2,256
57	547	25,378	3,462	83	2,648	24,361	247	64	7,025	9,130	138	23,884	3,759	112	41	3,252	839	26,223
58	378	11,948	1,284	97	1,069	6,592	155	52	3,472	5,068	118	8,099	4,320	43	21	1,657	619	12,323
59	1,351	107,204	39,017	17,593	2,113	7,194	29,192	388	10,579	18,464	2,225	20,261	13,498	1,662	149	4,520	9,375	61,244

² Native whites whose parents were born in different foreign countries; for example, one parent in Ireland and one in Scotland.

FOREIGN-BORN POPULATION BY COUNTRY OF BIRTH, IN CITIES HAVING 250,000 INHABITANTS OR MORE: 1910 AND 1900.

CITY.	Census year.	Total foreign born.	PERSONS BORN IN—													
			Austria.	Belgium.	Bulgaria, Servia, and Montenegro.	Canada. ¹		China.	Cuba and other West Indies. ²	Denmark.	England.	Finland.	France.	Germany.	Greece.	Hungary.
						French.	Other.									
Baltimore, Md.	1910	77,662	6,540	28	14	45	752	245	355	132	2,098	36	357	26,024	347	1,358
	1900	68,600	3,816	25	.....	51	629	426	225	107	2,841	16	309	33,941	89	155
Boston, Mass.	1910	243,365	2,413	682	36	3,098	47,802	819	1,070	1,631	13,671	455	1,081	8,701	1,497	426
	1900	197,129	1,269	221	.....	2,908	47,374	1,065	456	675	13,174	221	1,003	10,739	281	330
Buffalo, N. Y.	1910	118,689	9,284	37	10	566	16,868	57	45	200	7,070	58	684	43,815	220	442
	1900	104,252	3,458	22	.....	733	16,599	99	36	148	6,908	15	791	49,812	46	215
Chicago, Ill.	1910	783,428	132,063	2,665	513	4,638	26,688	1,335	303	11,484	27,912	1,191	3,086	182,280	6,564	28,938
	1900	587,112	57,676	1,160	.....	5,307	29,472	1,179	226	10,166	29,308	416	2,959	203,733	1,493	6,946
Cincinnati, Ohio	1910	56,859	1,638	24	184	73	887	16	40	79	1,872	10	685	28,426	180	6,344
	1900	57,961	752	38	.....	103	928	17	30	49	2,201	1	748	38,308	53	208
Cleveland, Ohio	1910	196,170	42,659	90	46	571	8,794	155	71	448	11,420	499	494	41,408	275	31,503
	1900	124,631	19,981	26	.....	772	7,839	94	59	373	10,021	79	483	44,225	42	9,558
Detroit, Mich.	1910	157,534	14,160	2,237	65	4,166	35,848	24	58	411	9,638	59	638	44,675	585	5,935
	1900	96,503	2,157	671	.....	3,541	25,403	9	41	231	6,347	4	580	42,730	18	91
Jersey City, N. J.	1910	77,987	4,973	173	7	1,010	13 ²	212	346	4,632	681	596	1,631	17,179	1,084	544
	1900	58,424	1,850	144	.....	134	907	213	94	319	4,442	116	648	17,838	20	136
Los Angeles, Cal.	1910	66,132	2,510	213	116	592	7,686	1,481	119	1,096	7,581	261	1,916	9,684	361	820
	1900	19,964	1,514	87	.....	214	2,083	1,885	43	299	3,017	10	993	4,032	20	60
Milwaukee, Wis.	1910	111,529	11,553	86	64	218	1,671	39	31	619	2,086	110	251	64,816	1,064	5,571
	1900	88,991	3,962	37	.....	217	1,687	20	21	514	2,134	29	265	68,969	26	381
Minneapolis, Minn.	1910	86,099	6,075	63	235	1,637	5,905	92	24	2,030	2,799	875	293	8,650	463	1,176
	1900	61,021	1,802	32	.....	1,706	5,637	20	9	1,473	2,289	348	207	7,550	55	581
New Orleans, La.	1910	28,333	645	91	5	101	357	219	468	117	1,356	34	3,671	6,122	175	90
	1900	30,325	409	77	.....	85	310	418	457	92	1,262	5	4,428	8,743	48	68
New York, N. Y.	1910	1,944,357	190,246	2,200	540	2,844	23,476	3,936	16,415	7,997	78,483	7,410	18,293	278,137	8,038	76,627
	1900	1,270,080	90,477	1,261	.....	2,527	19,379	6,080	5,867	5,621	68,836	7,793	14,755	324,224	1,309	31,516
Newark, N. J.	1910	111,007	12,963	70	10	199	1,126	194	183	360	6,698	69	697	22,177	297	6,028
	1900	71,363	4,795	26	.....	160	803	265	77	216	5,374	42	400	20,177	37	1,355
Philadelphia, Pa.	1910	384,707	19,850	478	100	301	3,735	896	1,529	3,160	36,564	226	2,659	61,480	589	12,495
	1900	295,940	6,204	378	77	294	2,980	1,122	923	934	36,752	103	2,521	73,047	170	7,855
Pittsburgh, Pa. ⁶	1910	140,922	21,400	100	71	86	1,741	197	124	110	9,528	70	885	29,438	773	6,576
	1900	115,024	9,411	58	.....	120	1,418	175	31	53	11,079	12	932	36,838	106	2,684
St. Louis, Mo.	1910	126,223	11,171	353	165	260	2,256	351	141	441	5,226	46	1,218	47,766	1,312	8,759
	1900	111,356	5,475	216	.....	339	2,151	304	94	390	5,800	30	1,462	59,973	38	561
San Francisco, Cal.	1910	142,298	4,641	448	160	474	5,701	6,914	291	3,119	9,821	1,846	6,252	24,137	2,275	1,247
	1900	116,885	2,067	291	.....	429	4,770	10,762	190	2,171	8,956	935	4,870	35,303	199	315
Washington, D. C.	1910	24,902	4,591	41	10	109	1,052	270	243	176	2,638	21	511	5,179	342	155
	1900	20,119	201	32	.....	97	806	417	134	88	2,299	14	389	5,868	34	48

CITY.	Census year.	Ireland.	Italy.	Japan.	Mexi- co.	Neth- er- lands (Hol- land).	Nor- way.	Portu- gal.	Rou- ma- nia.	Russia.	Scot- land.	Spain.	Swe- den.	Switz- er- land.	Tur- key in Asia. ⁴	Tur- key in Eu- rope. ⁴	Wales.	All other coun- tries. ⁵
Baltimore, Md.	1910	6,806	5,043	12	6	106	199	26	210	24,803	518	40	237	228	50	24	99	309
	1900	9,690	2,042	4	12	98	188	12	26	12,187	594	23	236	188	.....	12	92	508
Boston, Mass.	1910	66,041	31,380	61	24	486	1,914	1,296	373	41,892	5,062	268	7,123	415	2,088	623	314	1,222
	1900	70,147	13,738	36	13	391	1,145	882	68	18,370	4,473	85	5,524	42	600	308	1,216	.....
Buffalo, N. Y.	1910	9,423	11,398	12	20	314	253	12	106	11,349	1,978	24	6,021	634	207	97	217	262
	1900	11,292	5,699	1	8	311	188	23	4	4,910	1,808	20	743	590	.....	13	153	570
Chicago, Ill.	1910	63,965	45,169	220	188	9,632	24,165	50	3,444	321,766	10,306	243	63,085	3,494	1,175	711	1,818	2,400
	1900	73,912	16,088	80	102	8,555	22,011	21	287	210,240	10,347	138	58,836	3,251	180	1,818	4,291	.....
Cincinnati, Ohio	1910	6,224	2,245	6	2	325	37	8	454	4,999	458	20	114	696	245	280	177	121
	1900	9,114	917	1	18	369	12	1	4	2,330	461	6	111	657	.....	6	240	288
Cleveland, Ohio	1910	11,316	10,836	15	18	1,076	512	3	761	25,477	2,880	28	1,657	1,373	497	251	1,298	339
	1900	13,120	3,063	8	9	804	249	8	39	7,726	2,179	9	1,000	1,288	.....	41	1,490	442
Detroit, Mich.	1910	5,584	5,724	28	27	584	225	5	313	18,644	3,320	18	601	595	561	125	170	311
	1900	6,412	905	2	8	397	75	2	11	3,070	2,496	14	267	941	.....	7	101	413
Jersey City, N. J.	1910	10,124	12,060	5	14	243	1,360	25	196	13,667	1,668	72	1,280	553	103	38	139	172
	1900	19,314	3,832	4	5	145	647	5	51	3,337	1,680	12	899	443	.....	32	159	1,058
Los Angeles, Cal.	1910	3,878	3,802	3,931	5,632	408	1,003	128	297	4,758	1,589	384	3,419	428	385	120	414	726
	1900	1,720	763	152	817	86	163	22	10	2,993	573	99	808	370	.....	13	156	282
Milwaukee, Wis.	1910	1,966	3,374	12	615	2,144	1	267	11,292	667	21	787	833	78	147	231	195	
	1900	2,653	720	.....	6	606	1,702	4	35	2,380	667	8	639	.....	66	307	259	
Minneapolis, Minn.	1910	2,867	653	33	14	209	162	.....	1,412	5,634	1,060	21	26,478	209	219	61	187	
	1900	2,565	1,225	50	19	36	113	.....	417	815	6	20,035	300	.....	23	230	244	
New Orleans, La.	1910	2,966	8,066	20	289	43	181	36	95	1,254	257	453	160	247	192	46	20	499
	1900	5,398	5,866	4	299	47	95	50	9	468	218	456	170	314	.....	107	35	385
New York, N. Y.	1910	252,672	340,770	957	426	4,193	22,281	431	33,586	484,193	23,123	3,359	34,652	10,452	6,160	3,665	1,779	6,626
	1900	275,022	145,433	311	282	2,608	11,387	277	10,499	180,432	19,836	1,491	28,320	8,571	1,401	1,680	7,076	.....
Newark, N. J.	1910	11,225	20,494	10	10	202	190	8	1,160	21,912	2,547	54	782	779	127	48	106	281
	1900	12,792	8,537	4														

COUNTRY OF ORIGIN.

FOREIGN-BORN POPULATION BY COUNTRY OF BIRTH, IN CITIES HAVING FROM 25,000 TO 250,000 INHABITANTS: 1910.

CITY.	Total foreign born.	PERSONS BORN IN—														All other countries.
		Canada.				France.	Germany.	Greece.	Hungary.	Ireland.	Italy.	Netherlands (Holland), and Belgium.	Norway, Sweden, and Denmark.	Russia and Finland.	Turkey.	
		Austria.	French.	Other.	England, Scotland, and Wales.											
Alabama																
Birmingham.....	5,730	134	17	22	1,343	146	706	243	78	309	1,360	26	183	592	233	138
Mobile.....	2,305	42	21	129	327	66	406	142	31	314	47	17	221	159	89	296
Montgomery.....	716	29	8	34	85	22	224	44	15	67	7		24	86	25	46
Arkansas																
Little Rock.....	1,988	83	13	117	259	41	787	79	11	165	55	15	58	164	5	136
California																
Berkeley.....	8,641	91	22	914	1,474		1,231	117	34	696	329	48	1,112	562	24	732
Oakland.....	5,267	1,267	245	2,905	5,304	1,205	5,476	470	248	4,160	3,900	249	4,794	1,118	112	9,493
Pasadena.....	4,618	32	37	920	1,025	47	678	48	16	336	34	46	539	81	39	720
Sacramento.....	11,045	544	67	670	1,247	146	1,477	368	49	1,156	1,162	26	569	144	25	3,395
San Diego.....	7,829	828	68	925	1,399	171	1,134	68	37	517	331	34	696	146	22	2,100
San Jose.....	6,422	151	52	473	730	288	752	36	9	531	1,822	31	344	58	22	1,147
Colorado																
Colorado Springs.....	3,019	74	9	379	786	45	435	12	17	341	24	42	509	108	11	227
Denver.....	8,749	1,698	232	3,260	5,320	398	6,636	226	319	2,664	2,400	6,023	5,627	5,627	107	2,191
Pueblo.....	5,550	287	36	351	716	67	729	12	19	490	26	543	528	83	530	
Connecticut																
Bridgport.....	36,264	3,858	499	778	3,901	169	2,811	194	6,975	5,085	5,022	40	2,210	4,142	219	352
Hartford.....	31,354	1,865	792	1,292	2,440	150	2,424	53	328	7,049	4,521	38	2,843	6,687	210	662
Meriden town.....	9,397	1,224	685	160	1,217	88	2,269	21	83	1,369	928	18	403	851	11	70
Meriden city.....	5,042	1,147	613	144	987	66	1,757	37	57	1,210	816	17	951	805	17	63
New Britain.....	18,030	15,772	338	171	1,061	33	1,935	33	147	1,455	2,065	7	2,352	6,276	233	283
New Haven.....	43,989	1,109	461	874	2,663	160	4,115	85	473	9,010	13,159	158	11,917	8,049	180	574
Norwich town.....	8,459	344	1,760	164	954	23	693	108	24	1,595	475	15	300	1,761	118	125
Stamford town.....	8,900	628	31	144	911	38	733	118	366	1,832	1,903	40	570	1,440	13	113
Stamford city.....	8,097	590	24	123	766	54	639	117	360	1,602	1,719	19	506	1,460	11	88
Waterbury.....	25,541	422	1,901	401	1,768	228	1,433	45	158	5,838	6,567	19	725	5,607	104	325
Delaware																
Wilmington.....	13,713	887	29	168	1,311	80	1,911	28	215	3,152	2,288	13	287	3,163	13	168
Florida																
Jacksonville.....	2,688	41	21	264	546	44	413	49	21	160	133	27	121	192	214	442
Tampa.....	10,803	31	24	108	218	36	209	53	9	71	2,319	6	81	74	13	7,351
Georgia																
Atlanta.....	4,501	113	15	241	595	64	729	388	92	302	95	18	102	1,342	113	292
Augusta.....	929	14	10	24	72	20	207	80	18	211	34	2	9	166	4	58
Macon.....	694	4	1	39	98	5	111	49	8	98	45	2	5	148	51	30
Savannah.....	3,448	89	10	132	431	30	792	218	42	527	96	29	123	656	65	211
Illinois																
Aurora.....	6,706	213	94	263	486	72	2,554	42	632	386	66	72	753	319	3	721
Bloomington.....	3,413	46	8	112	381	26	1,568	8	158	524	34	6	399	52	34	57
Danville.....	2,010	22	6	84	265	19	1,642	22	4	162	32	25	211	67	3	46
Decatur.....	2,429	23	13	100	254	17	1,523	22	2	267	31	15	61	51		50
East St. Louis.....	9,422	1,672	12	183	324	134	1,427	122	1,407	998	80	21	1,011	1,690	444	307
Eggon.....	5,777	92	20	299	618	37	2,282	31	309	308	77	28	1,152	172	18	236
Joliet.....	10,447	2,921	26	313	885	38	1,577	54	1,273	770	1,043	15	803	19	40	70
Peoria.....	8,332	354	28	289	805	119	3,739	84	585	1,075	185	157	572	406	103	371
Quincy.....	3,651	15	11	66	164	33	2,340	26	11	237	43	12	34	35	41	83
Rockford.....	13,839	137	20	377	867	29	621	41	9	417	1,067	42	9,380	695	3	84
Springfield.....	6,917	487	15	156	1,052	77	2,127	32	146	1,012	276	55	195	1,051	48	188
Indiana																
Evansville.....	4,468	40	1	68	373	74	3,338	32	6	157	43	19	33	150	9	125
Fort Wayne.....	7,214	95	33	263	431	173	4,501	24	18	385	53	59	75	399	393	288
Indianapolis.....	19,842	1,227	80	768	1,628	217	7,313	249	832	3,255	658	151	436	1,255	985	563
South Bend.....	13,443	576	98	402	335	31	5,347	40	3,829	408	121	544	661	1,127	18	126
Terre Haute.....	3,818	56	17	166	543	35	1,426	13	287	522	32	55	149	255	130	112
Iowa																
Cedar Rapids.....	5,325	2,799	23	201	339	19	557	18	43	418	61	21	290	388	81	67
Clinton.....	4,881	285	7	208	324	12	2,171	27	49	522	68	30	574	100	20	184
Council Bluffs.....	4,484	247	14	193	386	27	872	207	11	305	148	17	1,576	177	5	167
Davenport.....	8,108	298	16	194	381	52	3,294	213	72	581	81	64	601	148	20	121
Des Moines.....	10,277	267	27	573	1,629	54	1,431	124	17	804	932	82	2,761	115	13	218
Dubuque.....	6,099	255	35	173	411	61	3,176	15	6	811	283	89	133	193	17	443
Sioux City.....	10,489	473	138	506	752	35	1,262	342	30	561	580	172	3,444	1,664	311	123
Waterloo.....	2,707	92	16	211	321	10	897	394	7	210	67	10	389	143	13	117
Kansas																
Kansas City.....	10,381	2,930	44	329	896	75	1,853	210	274	1,054	55	177	1,070	963	61	329
Topeka.....	4,171	48	23	222	700	46	767	28	16	266	52	17	751	853	5	383
Wichita.....	2,880	67	23	241	443	37	795	28	16	253	13	45	136	178	91	514
Kentucky																
Covington.....	3,946	18	6	77	307	51	2,768	4	7	511	50	26	12	46		66
Lexington.....	944	17	1	46	100	12	165	29	11	280	88	11	4	87	64	39
Louisville.....	17,472	316	30	341	938	258	8,471	93	441	2,700	654	74	137	2,014	98	806
Newport.....	3,407	115	13	68	297	37	1,766	2	68	368	25	4	9	539	6	96
Louisiana																
Shreveport.....	1,018	45	4	35	98	91	197	16	5	56	159	1	17	150	86	58
Maine																
Lewiston.....	9,431	104	4	6,960	476	34	142	148	18	579	25	12	11	366	92	48
Portland.....	12,151	44	408	4,109	901	24	189	78	13	2,952	753	5	915	1,350	225	155

FOREIGN-BORN POPULATION BY COUNTRY OF BIRTH, IN CITIES HAVING FROM 25,000 TO 250,000 INHABITANTS: 1910—Continued.

Table 17—Continued.

CITY.	Total foreign born.	PERSONS BORN IN														
		Canada.		England, Scotland, and Wales.	France.	Germany.	Greece.	Hungary.	Ireland.	Italy.	Netherlands (Holland) and Belgium.	Norway, Sweden, and Denmark.	Russia and Finland.	Turkey.	All other countries.	
		Austria.	French.													Other.
Massachusetts																
Brockton.....	15,466	43	917	2,673	1,306	23	110	149	14	2,891	986	6	2,742	3,227	208	171
Brookline town.....	8,401	21	71	2,047	830	38	296	36	6	4,203	43	10	527	131	29	113
Cambridge.....	33,328	156	1,435	8,727	2,811	138	728	102	10	10,637	1,546	40	2,131	3,735	414	2,383
Chelsea.....	13,820	158	382	2,507	837	15	136	21	15	1,431	436	113	161	6,922	330	310
Choicew.....	10,042	4,105	2,877	260	635	83	192	171	27	1,310	45	.....	97	211	12	17
Everett.....	9,736	32	1,977	3,910	1,190	15	213	14	105	1,633	625	40	954	592	42	174
Fall River.....	50,358	2,614	15,277	963	11,964	144	234	130	3	5,194	1,023	19	189	2,182	484	848
Fitchburg.....	13,418	68	4,050	762	2,005	60	554	248	2	1,925	884	6	468	3,175	168	79
Haverhill.....	11,190	313	2,468	1,879	784	15	106	442	14	1,895	1,093	7	126	1,575	324	49
Holyoke.....	23,254	2,396	8,035	557	2,403	391	1,565	181	80	5,246	368	38	147	1,687	93	67
Lawrence.....	41,471	1,450	7,698	1,325	7,022	738	2,301	171	28	5,943	6,693	318	140	4,402	2,077	615
Lowell.....	43,494	1,948	12,291	4,051	5,751	100	205	3,752	24	9,783	269	183	772	1,886	937	1,622
Lynn.....	27,605	264	2,269	7,686	2,607	74	350	958	25	5,153	1,354	17	1,622	3,929	823	374
Malden.....	13,491	130	3,233	5,737	1,255	17	287	8	15	2,810	523	57	932	3,301	95	121
New Bedford.....	45,727	1,837	12,241	944	10,030	334	777	172	15	2,553	696	97	393	1,715	354	11,551
Newton.....	11,269	25	707	2,830	1,274	67	185	3	14	3,724	1,198	21	474	591	81	185
Pittsfield.....	6,783	196	765	329	831	282	623	3	34	1,029	1,158	3	193	583	9	110
Quincy.....	10,908	46	375	2,132	2,215	30	172	30	2	1,670	1,539	13	1,332	1,170	41	141
Salem.....	15,577	726	4,434	1,713	3,034	49	104	248	6	2,811	403	7	17	100	167	76
Somerville.....	20,818	143	587	1,507	2,273	63	412	75	25	3,520	1,777	21	335	814	161	70
Springfield.....	25,077	1,357	3,078	1,364	2,359	83	975	213	32	5,679	2,915	20	1,176	3,928	437	261
Taunton.....	9,912	921	1,728	752	1,361	11	185	30	23	2,682	133	13	80	476	40	2,077
Waltham.....	7,106	8	602	2,270	937	25	108	30	1	2,128	915	14	610	232	19	87
Worcester.....	46,397	362	5,010	3,405	4,012	123	580	83	20	10,355	2,889	33	8,599	10,219	2,460	238
Michigan																
Battle Creek.....	2,655	88	33	1,653	557	21	301	50	16	169	35	50	102	46	43	91
Bay City.....	11,044	1,077	1,324	3,121	4,102	34	2,727	12	23	399	22	60	366	1,644	41	63
Flint.....	6,730	269	154	3,077	986	22	549	34	296	227	192	46	427	822	38	81
Grand Rapids.....	28,387	549	197	3,029	1,148	48	4,546	31	209	871	319	11,912	1,366	3,022	284	256
Jackson.....	4,364	60	307	1,008	807	21	1,004	48	12	321	38	48	61	701	8	77
Kalamazoo.....	6,881	155	67	680	588	18	869	30	200	406	43	3,470	128	247	12	78
Lansing.....	4,010	73	51	1,118	462	7	1,363	30	98	127	74	107	86	209	153	52
Saginaw.....	11,727	222	729	3,312	1,130	135	4,408	18	114	398	218	26	141	767	2	107
Minnesota																
Duluth.....	30,703	1,165	1,423	4,435	1,546	69	2,595	57	76	620	648	190	12,695	4,739	62	383
St. Paul.....	36,657	3,900	1,096	3,333	2,879	276	14,025	129	1,989	1,184	1,945	264	16,810	4,432	202	1,157
Missouri																
Joplin.....	918	29	13	99	171	22	309	21	4	95	24	8	48	33	8	34
Kansas City.....	25,466	371	149	1,611	2,927	277	5,354	758	332	3,267	2,579	388	2,666	3,431	146	1,010
St. Joseph.....	8,131	566	51	318	640	81	2,641	237	407	760	133	52	415	1,290	44	436
Springfield.....	11,228	21	12	136	232	10	327	10	8	142	19	3	129	8	16	55
Montana																
Butte.....	13,128	955	441	1,579	2,701	97	858	74	40	3,196	151	40	1,045	1,299	66	643
Nebraska																
Lincoln.....	7,218	184	24	323	550	28	1,197	187	61	291	72	26	740	3,355	35	145
Omaha.....	27,179	3,414	86	1,132	1,989	135	4,861	486	554	1,849	2,361	126	6,860	2,614	188	524
South Omaha.....	8,021	3,000	16	142	245	10	985	59	505	659	116	162	690	985	72	375
New Hampshire																
Manchester.....	29,708	1,770	13,720	2,716	1,657	54	1,225	1,330	11	3,482	77	182	997	783	1,599	105
Nashua.....	8,902	72	4,830	337	235	10	252	570	2	836	52	1	58	1,216	492	29
New Jersey																
Atlantic City.....	6,776	218	17	180	971	102	835	75	114	936	1,383	27	116	1,154	124	524
Bayonne.....	20,573	2,452	27	238	1,449	67	1,706	66	7	1,795	3,444	1,738	18	355	6,918	277
Camden.....	15,773	972	26	253	2,461	116	3,754	22	271	1,852	2,331	34	407	2,684	59	312
Elizabeth.....	5,227	147	15	301	1,300	71	969	6	121	1,403	361	25	529	288	18	182
Hoboken.....	23,933	4,117	53	216	1,117	117	4,900	44	1,457	3,345	2,226	51	623	4,291	9	383
Orange.....	27,712	1,368	37	138	1,285	107	10,018	106	321	3,077	6,555	640	1,706	1,712	42	490
Passaic.....	8,127	182	10	112	793	40	1,001	174	80	2,024	960	12	180	367	44	148
Paterson.....	28,503	8,748	22	126	1,161	48	2,097	32	6,534	1,079	2,972	1,277	233	3,961	22	191
Perth Amboy.....	45,485	883	155	332	7,791	824	5,741	101	483	4,971	9,317	5,660	243	6,867	388	1,729
Perth Amboy.....	14,323	2,749	44	200	441	35	1,201	27	3,887	547	366	23	1,986	2,440	25	152
Trenton.....	26,376	1,822	54	154	4,071	149	4,149	88	4,980	2,481	4,288	48	48	3,227	24	221
West Hoboken town.....	13,743	554	23	72	605	47	2,205	2	121	562	4,218	80	239	702	836	1,077
New York																
Albany.....	18,218	586	286	673	1,682	120	4,620	83	67	4,545	2,205	288	188	2,460	146	269
Amsterdam.....	10,631	2,554	107	472	955	14	1,702	16	41	978	1,750	4	88	2,123	12	109
Auburn.....	7,647	1,480	126	173	1,122	18	745	22	74	1,830	1,593	12	162	1,351	38	57
Binghamton.....	7,415	42	47	213	654	25	621	52	1,763	1,831	395	13	102	885	17	96
Elmira.....	5,271	221	21	197	515	19	1,162	41	1,457	1,277	919	15	97	659	38	72
Jamestown.....	10,614	35	24	282	1,179	37	2,156	11	13	244	939	24	7,245	66	188	41
Kingston.....	3,534	210	34	289	1,112	11	1,020	12	86	683	380	11	31	540	44	57
Mount Vernon.....	8,063	215	28	233	888	91	1,647	12	96	1,048	2,670	20	305	656	12	146
New Rochelle.....	8,749	154	28	242	888	96	1,211	29	75	1,568	2,884	37	476	824	12	225
Newburgh.....	4,833	162	4	141	836	11	512	30	139	1,355	675	12	121	524	32	59
Niagara Falls.....	12,108	800	80	458	1,359	37	832	22	74	1,830	1,920	22	162	1,251	152	66
Poughkeeps.....	4,748	496	30	94	446	21	861	21	223	957	737	37	90	456	15	64
Rochester.....	59,076	1,688	569	9,149	5,979	328	14,624	176	415	5,230	10,638	1,374	607	7,187	273	839
Schenectady.....	18,691	1,279	444	1,097	2,007	59	3,428	102	856	1,355	3,660	74	494	3,880	29	327
Syracuse.....	39,848	1,261	499	2,738												

COUNTRY OF ORIGIN.

FOREIGN-BORN POPULATION BY COUNTRY OF BIRTH, IN CITIES HAVING FROM 25,000 TO 250,000 INHABITANTS: 1910—Continued.

CITY.	Total foreign born.	PERSONS BORN IN—													All other countries.	
		Austria.	Canada.		England, Scotland, and Wales.	France.	Germany.	Greece.	Hungary.	Ireland.	Italy.	Netherlands (Holland), and Belgium.	Norway, Sweden, and Denmark.	Russia and Finland.		Turkey.
			French.	Other.												
Ohio																
Akron.....	13,249	933	60	417	1,925	167	3,152	64	3,308	605	799	29	585	602	150	453
Canton.....	8,658	504	18	152	854	169	2,213	357	1,559	192	980	19	146	591	134	660
Columbus.....	16,363	818	79	617	1,935	150	5,722	123	970	1,809	1,619	140	168	1,534	131	548
Dayton.....	13,892	660	27	380	620	93	5,517	117	2,761	976	356	41	80	1,527	215	202
Hamilton.....	3,315	112	1	65	149	48	2,132	42	168	167	178	9	18	99	4	123
Lima.....	1,627	48	9	128	214	14	566	13	9	357	158	6	24	13	77	7
Lorain.....	10,938	2,194	38	262	804	18	1,188	12	3,954	290	452	21	124	1,452	50	79
Newark.....	2,051	178	4	58	219	17	497	18	595	197	103	2	26	24	54	59
Springfield.....	3,174	80	8	124	369	12	1,119	53	28	830	173	20	43	103	108	104
Toledo.....	32,144	879	681	2,499	2,052	246	15,308	81	9,277	1,971	270	140	323	3,345	247	1,179
Youngstown.....	24,896	4,005	21	326	4,239	48	2,100	134	5,490	1,842	260	26	646	1,761	253	401
Zanesville.....	1,605	44	8	44	217	16	601	28	213	184	14	1	9	152	54	20
Oklahoma																
Muskogee.....	549	12	7	63	99	17	134	46	2	48	7	6	38	33	6	31
Oklahoma City.....	3,337	273	52	294	477	35	674	130	27	202	40	31	181	227	124	370
Oregon																
Portland.....	50,312	2,548	442	4,769	5,363	505	7,490	701	584	2,267	2,557	439	8,723	4,892	384	8,648
Pennsylvania																
Allentown.....	6,240	1,530	7	33	322	48	1,104	29	1,359	416	662	7	29	550	66	78
Altoona.....	5,224	309	4	37	426	12	1,658	91	68	530	1,281	3	60	540	82	123
Hester.....	6,712	1,160	9	40	1,287	44	946	13	1,326	869	88	1,045	7	141	7	71
Easton.....	3,129	86	9	30	364	22	754	43	305	228	732	15	32	416	47	46
Erie.....	14,963	726	48	857	788	79	5,603	53	588	1,122	1,307	33	913	2,428	78	410
Harrisburg.....	4,157	269	1	65	391	18	834	46	621	315	479	7	34	875	15	157
Hazleton.....	6,003	1,320	1	16	363	13	872	3	228	367	1,892	3	3	815	52	55
Johnstown.....	15,333	4,736	4	58	1,067	16	1,582	37	4,563	447	1,905	14	53	510	262	79
Lancaster.....	3,214	46	.....	32	184	22	1,993	38	39	144	195	2	20	390	6	103
McKeesport.....	12,645	3,107	16	62	1,833	27	1,533	90	2,500	740	586	5	4,153	702	24	95
New Castle.....	8,634	1,263	10	132	2,224	32	491	49	305	449	2,397	19	66	920	141	145
Norristown borough.....	4,030	61	2	52	606	18	510	15	23	992	1,442	6	44	203	1	55
Reading.....	8,823	1,415	5	58	496	50	2,754	170	243	344	1,076	7	33	1,905	190	77
Scranton.....	35,122	3,184	17	284	7,116	81	4,325	71	1,244	5,302	3,549	22	142	8,571	265	379
Scranton borough.....	25,125	1,225	1	10	539	9	2,732	5	265	1,332	1	3	3	7,514	152	37
Wilkes-Barre.....	16,067	2,578	7	116	3,450	32	2,401	63	259	1,588	956	10	224	3,388	319	186
Williamsport.....	2,335	59	58	78	285	27	880	8	324	314	2	40	145	25	42	
York.....	1,594	109	6	41	187	23	667	44	20	71	180	1	26	165	9	45
Rhode Island																
Newport.....	6,381	58	137	391	1,080	78	275	130	18	2,316	573	10	564	188	45	518
Pawtucket.....	17,989	210	3,367	696	6,834	162	607	267	4	3,438	717	48	559	481	395	244
Providence.....	76,999	1,574	4,494	4,341	12,676	367	2,076	451	126	15,801	17,305	259	4,058	7,518	2,140	3,822
Warwick town.....	9,021	419	3,190	246	1,129	93	160	5	13	622	1,339	190	1,023	80	30	90
Woonsocket.....	16,548	1,378	9,728	335	963	682	185	50	14	1,955	483	425	54	622	310	44
South Carolina																
Charleston.....	2,448	52	8	38	199	22	891	134	14	345	191	17	106	295	50	86
Columbia.....	448	14	.....	11	89	5	65	27	2	43	19	20	17	82	12	12
Tennessee																
Chattanooga.....	1,342	19	2	107	213	24	262	34	23	118	10	13	26	431	13	47
Knoxville.....	792	12	4	52	172	6	165	23	40	88	22	.....	9	106	1	92
Memphis.....	6,520	261	32	305	691	114	1,429	230	71	803	1,140	29	205	956	18	236
Nashville.....	3,017	91	6	129	366	57	554	63	177	572	91	8	46	596	61	209
Texas																
Austin.....	2,455	80	5	51	240	26	794	7	7	117	49	3	369	40	79	588
Dallas.....	5,264	254	37	241	804	144	1,434	75	35	369	338	35	243	744	41	470
El Paso.....	14,504	66	27	200	351	85	447	4	39	1,093	50	28	95	176	39	12,714
Fort Worth.....	4,280	411	16	213	513	43	708	63	21	364	190	45	293	398	130	672
Galveston.....	6,307	367	13	90	738	153	1,593	64	38	564	568	46	751	387	29	666
Houston.....	6,408	369	15	228	766	135	1,771	132	91	460	639	36	202	636	155	773
San Antonio.....	17,495	351	30	268	997	230	3,398	8	56	485	444	147	173	409	101	10,338
Waco.....	1,328	75	.....	54	95	11	323	16	7	51	161	1	140	172	47	175
Utah																
Ogden.....	4,879	44	12	175	1,652	25	239	202	4	180	169	696	903	49	30	499
Salt Lake City.....	19,544	214	55	747	7,332	110	2,102	621	90	664	379	456	4,662	355	195	1,362
Virginia																
Lynchburg.....	459	7	2	24	83	4	46	41	1	41	27	4	7	142	10	20
Norfolk.....	3,676	40	22	140	442	28	402	179	19	226	345	14	138	1,341	95	245
Portsmouth.....	1,147	16	9	159	132	3	130	13	5	136	153	11	59	367	6	48
Richmond.....	4,136	118	8	114	632	56	892	99	36	405	511	18	67	829	175	156
Roanoke.....	14	.....	36	212	13	79	43	4	88	27	2	16	76	151	13	15
Washington																
Seattle.....	67,456	2,025	836	9,872	8,553	646	6,176	967	345	3,177	3,457	720	17,749	3,877	580	8,467
Spokane.....	21,820	712	310	4,040	2,898	164	2,755	144	126	1,021	1,545	253	5,786	879	39	1,146
Tacoma.....	22,498	1,265	261	2,622	2,572	273	2,545	258	102	1,916	1,202	105	7,731	989	100	1,558
West Virginia																
Huntington.....	526	8	7	33	128	4	112	24	13	54	32	10	14	18	40	31
Wheeling.....	5,428	527	7	62	575	53	2,236	130	164	544	291	18	45	491	180	105
Wisconsin																
Green Bay.....	4,057	165	155	210	109	29	1,125	.....	2	186	14	1,199	2,929	272	27	35
La Crosse.....	6,044	564	42	164	194	19	2,725	13	54	159	20	366	1,629	153	172	112
Madison.....	4,264	104	7	169	334	11	1,320	53	34	346	335	24	1,079	251	12	155
Oshkosh.....	7,410	806	33	338	322	7	4,882	127	24	143	10	25	313	426	28	126
Racine.....	12,513	1,102	21	154	745	24	2,890	118	566	249	109	137	4,251	1,359	192	70
Sheboygan.....	8,669	973	11	44	65	8	4,618	336	47	46	1	595	153	1,648	12	112
Superior.....	13,799	488	458	1,377	669	59	1,011	27	171	452	48	375	5,733	2,478	2	251

CHAPTER 6.

THE FOREIGN-BORN POPULATION—DATE OF IMMIGRATION.

Introduction.—This chapter summarizes the statistics in regard to the year of immigration of the foreign-born population, as returned at the Thirteenth Decennial Census. The census schedules of 1910 and 1900 both contained an inquiry, applicable only to the foreign-born population, as to the year of immigration to the United States. This inquiry was designed in part to afford, in connection with the statistics of immigration, a means for determining what proportion

of the immigrants of each year or period of years had remained in this country and were still living. It also furnishes a basis for determining the sections of the country in which the immigrants of different periods have mainly settled.

United States as a whole.—Table 1 summarizes the results of this inquiry at the last two censuses for the United States as a whole (not including Alaska, Hawaii, Porto Rico, or other outlying possessions).

Table 1					CENSUS OF 1910 (APRIL 15).					CENSUS OF 1900 (JUNE 1).				
YEAR OF IMMIGRATION.	Length of residence in United States, in years (y.) and months (m.).	Total foreign born.		Foreign-born white.		YEAR OF IMMIGRATION.	Length of residence in United States, in years (y.) and months (m.).	Total foreign born.		Foreign-born white.				
		Number.	Per cent.	Number.	Per cent.			Number.	Per cent.	Number.	Per cent.			
Total		13,515,886		13,345,545		Total		10,341,276		10,213,817				
Year not reported.....		1,340,819		1,318,959		Year not reported.....		1,012,653		1,001,460				
Total with year reported.		12,175,067	100.0	12,026,586	100.0	Total with year reported.		9,328,623	100.0	9,212,357	100.0			
1910, to Apr. 15.....	Less than 3½ m.....	233,852	1.9	231,696	1.9	1900, to June 1.....	Less than 5 m.....	201,128	2.2	192,607	2.1			
1909.....	3½ m.-1 y. 3½ m.....	579,419	4.8	573,585	4.8	1899.....	5 m.-1 y. 5 m.....	235,410	2.5	229,315	2.5			
1908.....	1 y. 3½ m.-2 y. 3½ m.....	412,683	3.4	405,631	3.4	1898.....	1 y. 5 m.-2 y. 5 m.....	185,291	2.1	191,399	2.1			
1907.....	2 y. 3½ m.-3 y. 3½ m.....	706,771	5.8	694,362	5.8	1897.....	2 y. 5 m.-3 y. 5 m.....	172,288	1.8	169,117	1.8			
1906.....	3 y. 3½ m.-4 y. 3½ m.....	637,398	5.2	623,647	5.2	1896.....	3 y. 5 m.-4 y. 5 m.....	199,749	2.1	197,536	2.1			
1905.....	4 y. 3½ m.-5 y. 3½ m.....	530,808	4.4	520,161	4.3	1895.....	4 y. 5 m.-5 y. 5 m.....	214,577	2.3	212,198	2.3			
1901-1904.....	5 y. 3½ m.-9 y. 3½ m.....	1,905,214	12.4	1,479,844	12.3	1891-1894.....	5 y. 5 m.-9 y. 5 m.....	1,144,654	12.3	1,136,842	12.3			
1900 or earlier.....	9 y. 3½ m. or more.....	7,568,922	62.2	7,497,660	62.3	1890 or earlier.....	9 y. 5 m. or more.....	6,965,526	74.7	6,883,343	74.7			
1906-1910.....	Less than 4 y. 3½ m.....	2,570,123	21.1	2,528,921	21.0	1896-1900.....	Less than 4 y. 5 m.....	1,003,866	10.8	979,974	10.6			
1901-1905.....	4 y. 3½ m.-9 y. 3½ m.....	2,036,022	16.7	2,000,005	16.6	1891-1895.....	4 y. 5 m.-9 y. 5 m.....	1,359,250	14.6	1,349,040	14.6			
1896-1900.....	9 y. 3½ m.-14 y. 3½ m.....	1,063,690	8.7	1,046,500	8.7	1886-1890.....	9 y. 5 m.-14 y. 5 m.....	1,596,930	17.1	1,585,062	17.2			
1891-1895.....	14 y. 3½ m.-19 y. 3½ m.....	1,157,513	9.5	1,146,645	9.6	1881-1885.....	14 y. 5 m.-19 y. 5 m.....	1,566,448	16.8	1,546,825	16.8			
1890 or earlier.....	19 y. 3½ m. or more.....	5,347,710	43.9	5,302,515	44.1	1890 or earlier.....	19 y. 5 m. or more.....	3,802,148	40.8	3,751,456	40.7			
1901-1910.....	Less than 9 y. 3½ m.....	4,606,145	37.8	4,528,926	37.7	1891-1900.....	Less than 9 y. 5 m.....	2,363,097	25.3	2,329,014	25.3			
1900 or earlier.....	9 y. 3½ m. or more.....	7,568,922	62.2	7,497,660	62.3	1890 or earlier.....	9 y. 5 m. or more.....	6,965,526	74.7	6,883,343	74.7			
Distributing those with year not reported:						Distributing those with year not reported:								
Total		13,515,886	100.0	13,345,545	100.0	Total		10,341,276	100.0	10,213,817	100.0			
1901-1910.....	Less than 9 y. 3½ m.....	5,088,054	37.6	5,000,098	37.5	1891-1900.....	Less than 9 y. 5 m.....	2,609,173	25.2	2,571,196	25.2			
1900 or earlier.....	9 y. 3½ m. or more.....	8,427,802	62.4	8,345,447	62.5	1890 or earlier.....	9 y. 5 m. or more.....	7,732,103	74.8	7,642,621	74.8			

It will be noted from this table that for about one-tenth of the foreign-born population, both in 1910 and in 1900, the year of immigration was not reported. Consequently the numbers reported as having arrived in each specified year or group of years somewhat understate the actual numbers. There is no way of knowing whether this understatement is relatively greater in the case of one class than in the case of another, but it is probable that approximately correct figures for any given year or group of years will be obtained by adding one-ninth to the number actually reported.

The percentages shown in Table 1 (except those in the last two lines) are all based upon the total number for whom the year of immigration was reported. Of the foreign born of all races combined in 1910 for whom the year was reported, 21.1 per cent had arrived during the period from January 1, 1906, to April 15, 1910

(four years, three and one-half months), 16.7 per cent during the five years 1901-1905, 8.7 per cent between 1896 and 1900, 9.5 per cent between 1891 and 1895, and 43.9 per cent in 1890 or earlier. About three-eighths of those for whom the date of arrival was reported thus arrived during the period of nine years, three and one-half months beginning January 1, 1901, and five-eighths before that date. The percentages for the foreign-born whites taken by themselves are substantially the same.

This table reflects roughly the variations which have taken place from year to year in the number of immigrants. For example, the number reported in 1910 as having arrived during 1907 (706,771) was much greater than the number reported as having arrived during 1908 (412,683), which corresponds with the variation shown by the statistics of immigration. Again, the number reported as having arrived during the five years 1891-1895 (1,157,513) was considerably greater

than the number reported as having arrived from 1896 to 1900 (1,063,699), which conforms to the statistics showing that immigration was heavier during the earlier years of that decade than during the later.

Table 1 also presents estimates as to the total number of the foreign born enumerated in 1910 who had arrived, respectively, before and after January 1, 1901. The estimates (which represent the totals derived from calculations made for each state separately) are made on the assumption that the persons for whom the date of arrival was not reported should be distributed in the same ratio as those for whom reports were made. Similar estimates have been made on the basis of the returns at the census of 1900. It is estimated on the above basis that about 5,000,000 of the foreign-

FOREIGN-BORN WHITE POPULATION, BY YEAR OF ARRIVAL IN THE UNITED STATES, BY DIVISIONS AND STATES: 1910.

Table 2	YEAR OF IMMIGRATION.					PER CENT. ¹			DIVISION AND STATE.	YEAR OF IMMIGRATION.					PER CENT. ¹		
	1906- Apr. 15, 1910	1901- 1905	1891- 1900	1890 or earlier.	Year un- known.	1906- 1910	1901- 1905	1901- or ear- lier.		1906- Apr. 15, 1910	1901- 1905	1891- 1900	1890 or earlier.	Year un- known.	1906- 1910	1901- 1905	1901- or ear- lier.
	2,528,921	2,000,005	2,195,148	5,302,515	1,318,959	21.0	16.6	62.3									
GEOGRAPHIC DIVS.:																	
New England.....	369,442	283,246	390,564	686,697	84,527	21.4	16.4	62.3									
Middle Atlantic.....	1,095,778	906,454	904,348	1,577,972	341,627	24.4	20.2	55.4									
E. North Central.....	522,008	391,942	418,690	1,433,180	301,406	18.9	14.2	67.0									
W. North Central.....	186,544	155,683	195,368	836,626	239,013	13.6	11.3	75.1									
South Atlantic.....	56,884	40,259	40,322	98,320	54,770	24.1	17.1	58.8									
E. South Central.....	8,587	7,641	8,934	42,792	18,903	12.6	11.2	76.1									
W. South Central.....	49,857	34,596	48,929	121,454	93,893	19.6	13.6	66.9									
Mountain.....	90,861	58,916	63,063	136,212	64,739	24.4	18.8	59.7									
Pacific.....	148,860	121,268	124,911	346,382	129,687	20.1	16.4	63.6									
NEW ENGLAND:																	
Maine.....	19,226	14,024	21,268	39,234	16,381	20.5	15.0	64.5									
New Hampshire.....	20,756	12,353	20,743	36,674	6,032	22.9	13.6	63.4									
Vermont.....	10,437	6,638	8,763	20,410	3,613	22.6	14.4	63.1									
Massachusetts.....	212,285	163,322	234,894	409,113	30,436	20.8	16.1	63.1									
Rhode Island.....	34,712	28,072	37,503	63,546	12,180	20.9	16.9	62.0									
Connecticut.....	72,026	57,837	67,091	115,630	15,875	23.0	18.5	58.5									
MIDDLE ATLANTIC:																	
New York.....	598,582	516,519	542,974	907,939	163,257	23.3	20.1	56.5									
New Jersey.....	143,335	112,771	121,866	236,029	34,991	23.7	18.7	57.6									
Pennsylvania.....	353,860	277,158	299,418	444,004	124,279	26.9	21.1	52.0									
E. N. CENTRAL:																	
Ohio.....	129,673	88,621	73,623	248,315	57,011	24.0	16.4	59.6									
Indiana.....	39,137	17,137	16,212	71,918	23,918	22.3	12.7	65.1									
Illinois.....	221,185	177,158	184,207	511,537	108,463	20.2	16.2	63.6									
Michigan.....	87,616	65,520	83,784	305,283	53,321	16.2	12.1	71.8									
Wisconsin.....	53,388	43,506	60,654	236,127	58,687	11.8	9.6	78.7									
W. N. CENTRAL:																	
Minnesota.....	62,152	59,646	75,264	298,434	57,519	12.8	12.3	74.9									
Iowa.....	24,986	17,293	27,134	156,614	47,457	11.1	7.7	81.3									
Missouri.....	31,764	23,618	22,019	113,213	37,682	16.6	12.4	71.0									
North Dakota.....	20,897	23,744	27,906	38,922	25,189	15.6	18.1	66.3									
South Dakota.....	10,313	9,521	13,094	51,727	16,063	12.2	11.3	76.5									
W. N. CEN.—CON.																	
Nebraska.....	19,726	12,738	18,113	99,686	25,602	13.1	8.5	78.4									
Kansas.....	17,206	9,123	11,330	68,080	29,501	16.3	8.9	75.1									
SOUTH ATLANTIC:																	
Delaware.....	3,197	2,482	2,608	5,966	3,147	22.4	17.4	60.2									
Maryland.....	14,061	13,296	16,298	45,516	15,003	15.8	14.4	69.3									
Dist. of Columbia.....	2,837	2,484	3,293	10,253	5,562	15.1	13.3	71.6									
Virginia.....	4,194	3,327	3,793	8,593	6,421	22.2	16.5	61.3									
West Virginia.....	22,623	10,869	5,818	9,794	7,968	46.1	22.1	31.8									
North Carolina.....	918	676	713	1,778	1,957	23.0	14.3	62.5									
South Carolina.....	642	536	654	2,295	2,017	15.9	13.3	70.8									
Georgia.....	1,822	1,746	2,112	5,067	4,325	17.0	16.2	66.8									
Florida.....	6,290	4,933	5,123	9,126	8,370	24.7	19.4	55.9									
E. S. CENTRAL:																	
Tennessee.....	2,977	2,194	3,285	24,556	7,041	9.0	6.6	84.3									
Kentucky.....	1,878	1,800	2,069	8,152	4,560	13.5	13.0	73.5									
Alabama.....	2,673	2,479	2,379	6,821	4,604	18.6	17.3	64.1									
Mississippi.....	1,059	1,168	1,201	3,263	2,698	15.8	17.5	66.7									
W. S. CENTRAL:																	
Arkansas.....	1,277	1,704	1,789	7,509	4,630	10.4	13.9	75.7									
Louisiana.....	4,188	5,571	8,720	18,260	15,043	11.4	15.2	73.4									
Oklahoma.....	4,410	3,082	4,452	16,606	11,531	15.4	10.7	73.8									
Texas.....	39,982	24,239	33,988	79,106	62,689	22.6	13.7	63.8									
MOUNTAIN:																	
Montana.....	20,290	12,936	15,358	30,303	12,757	26.7	16.4	57.9									
Idaho.....	6,731	4,448	4,821	16,652	7,775	20.6	13.6	65.8									
Wyoming.....	7,829	4,783	3,826	7,945	2,735	32.1	19.6	48.3									
Colorado.....	22,025	16,678	19,944	51,408	16,226	20.1	15.1	64.8									
New Mexico.....	6,097	3,002	3,165	6,162	4,239	32.8	16.4	50.8									
Arizona.....	13,676	7,566	6,895	10,516	8,181	35.4	19.9	45.1									
Utah.....	10,433	6,850	6,637	29,320	10,273	18.8	12.5	67.7									
Nevada.....	3,820	2,863	2,416	6,906	1,984	23.9	17.9	58.2									
PACIFIC:																	
Washington.....	43,444	35,450	38,917	85,031	43,353	22.6	17.9	60.1									
Oregon.....	18,772	13,040	13,178	40,622	17,389	21.9	15.2	62.8									
California.....	86,644	72,778	77,816	220,669	59,343	18.9	15.9	65.2									

¹ Percentages based only on the number for whom the year of immigration was reported.

Marked differences appear among the geographic divisions with respect to the relative importance of recent and earlier immigrants in the present foreign-born population. Designating persons who came to the United States after January 1, 1901, as recent arrivals, and those who came before that date as earlier arrivals, it will be seen that in the United States as a whole the recent arrivals formed 37.7 per cent of the total number of foreign-born whites for whom the year of arrival was reported. In the Middle Atlantic division, however, they represented 44.6

per cent of the total, in the South Atlantic division 41.2 per cent, and in the Mountain division 40.3 per cent. On the other hand, in the West North Central division the newcomers constituted only 24.9 per cent of the total foreign-born white population, and in the East South Central only 23.9 per cent.¹

Since these percentages are based upon the figures for those who reported the year of immigration, they are, of course, subject to a certain margin of error because of the fact that the considerable number of persons who failed to report the year of immigration may have been differently distributed as regards the time of arrival; but beyond question they bring out substantially the true conditions in the several geographic divisions.

Divisions and states.—Table 2 shows, by geographic divisions and states, the foreign-born white population as enumerated in 1910, distributed according to the time of arrival in the United States.

Another method of showing the difference between the recent arrivals and the earlier with respect to the sections of the country in which they have settled is by means of percentages, distributing among the geographic divisions the total number reported as having arrived within a given period of time. Such percentages, derived from Table 2, are shown in Table 3.

Table 3

PER CENT DISTRIBUTION OF TOTAL NUMBER OF FOREIGN-BORN WHITES WHO ARRIVED DURING THE YEARS—

DIVISION OF RESIDENCE.	1906-	1901-	1891-	1890 or	Year unknown.
	Apr. 15, 1910	1905	1900	earlier.	
United States.....	100.0	100.0	100.0	100.0	100.0
New England.....	14.6	14.2	17.8	12.9	6.4
Middle Atlantic.....	43.3	45.3	41.2	29.8	25.9
East North Central.....	20.6	19.6	19.1	27.0	22.9
West North Central.....	7.4	7.8	8.9	15.8	18.1
South Atlantic.....	2.2	2.0	1.8	1.9	4.2
East South Central.....	0.3	0.4	0.4	0.8	1.4
West South Central.....	2.0	1.7	2.2	2.3	7.1
Mountain.....	3.6	2.9	2.9	3.0	4.9
Pacific.....	5.9	6.1	5.7	6.5	9.1

The recent arrivals have largely concentrated in the three northeastern geographic divisions—the New England, the Middle Atlantic, and the East North Central—principally in the Middle Atlantic. Of the foreign-born whites enumerated in 1910 who reported arrival after January 1, 1906, 43.3 per cent were in the Middle

Atlantic division, 20.6 per cent in the East North Central division, and 14.6 per cent in New England, leaving only 21.4 per cent in all the rest of the country. The distribution of those who reported arrival between 1901 and 1905 was substantially the same, and that of those earlier immigrants who arrived from 1891 to 1900 was not very different. On the other hand, of those who had arrived in 1890 or earlier, only 29.8 per cent were in the Middle Atlantic division and 12.9 per cent in the New England division. The proportion of this class residing in the East North Central division (27 per cent), however, was much larger than the proportion of the more recent immigrants residing in that division. The West North Central division contained 15.8 per cent of those who reported arrival in 1890 or earlier, while only 7.4 per cent of those who arrived after January 1, 1906, were in that division.

To facilitate comparison between the recent arrivals and the earlier, the foreign-born whites in each geographic division and state who failed to report the date of arrival have been distributed by estimates as having arrived, respectively, before and after January 1, 1901. The estimates are made in the manner already explained in connection with Table 1, page 215. The results are shown in Table 4.

FOREIGN-BORN WHITE POPULATION IN 1910, DISTRIBUTED (PARTLY BY ESTIMATES) AS ARRIVING BEFORE OR AFTER JANUARY 1, 1901, BY DIVISIONS AND STATES.

Table 4

DIVISION AND STATE.	Total foreign-born white: 1910	ESTIMATED NUMBER WHO ARRIVED IN THE UNITED STATES—		DIVISION AND STATE.	Total foreign-born white: 1910	ESTIMATED NUMBER WHO ARRIVED IN THE UNITED STATES—					
		Before Jan. 1, 1901.	Between Jan. 1, 1901, and Apr. 15, 1910.			Before Jan. 1, 1901.	Between Jan. 1, 1901, and Apr. 15, 1910.				
								Number.	Per cent.	Number.	Per cent.
United States.....	13,345,545	8,345,447	5,000,088	37.5							
GEOGRAPHIC DIVISIONS:				WEST NORTH CENTRAL—Contd.:							
New England.....	1,814,386	1,129,913	684,473	37.7	Nebraska.....	175,865	137,870	37,995	21.6		
Middle Atlantic.....	4,826,179	2,670,407	2,155,772	44.7	Kansas.....	135,190	101,512	33,678	24.9		
East North Central.....	3,067,220	2,054,803	1,012,417	33.0	SOUTH ATLANTIC:						
West North Central.....	1,613,231	1,211,646	401,585	24.9	Delaware.....	17,420	10,489	6,931	39.8		
South Atlantic.....	290,555	171,612	118,943	40.9	Maryland.....	104,174	72,214	31,960	30.7		
East South Central.....	86,827	65,768	21,089	24.3	District of Columbia.....	24,351	17,442	6,909	28.4		
West South Central.....	348,759	238,452	115,307	33.1	Virginia.....	26,628	16,322	10,306	38.7		
Mountain.....	436,910	260,936	175,974	40.3	West Virginia.....	57,072	18,145	38,927	68.2		
Pacific.....	861,448	546,910	314,538	36.5	North Carolina.....	6,942	3,714	2,228	37.5		
NEW ENGLAND:				EAST SOUTH CENTRAL:							
Maine.....	110,133	71,073	39,060	35.5	Georgia.....	15,072	10,068	5,004	33.2		
New Hampshire.....	96,558	61,243	35,615	36.6	Florida.....	39,842	18,591	14,911	44.1		
Vermont.....	49,861	31,452	18,409	36.9	KENTUCKY:						
Massachusetts.....	1,051,050	663,212	357,838	36.9	Kentucky.....	40,033	33,779	6,274	15.7		
Rhode Island.....	178,025	110,626	67,399	37.9	Tennessee.....	18,459	13,574	4,885	26.5		
Connecticut.....	328,759	192,307	136,452	41.5	Alabama.....	18,566	12,151	6,845	35.9		
MIDDLE ATLANTIC:				WEST SOUTH CENTRAL:							
New York.....	2,729,272	1,543,224	1,186,048	43.5	Arkansas.....	16,909	12,504	4,105	24.3		
New Jersey.....	658,185	379,144	279,044	42.4	Louisiana.....	51,782	38,027	13,755	26.6		
Pennsylvania.....	1,438,719	748,039	690,680	48.0	Oklahoma.....	40,084	29,566	10,518	26.2		
EAST NORTH CENTRAL:				TEXAS:							
Ohio.....	597,245	355,912	241,333	40.4	Texas.....	239,984	153,055	86,929	36.2		
Indiana.....	109,222	108,697	55,625	34.9	MOUNTAIN:						
Illinois.....	1,202,590	764,716	457,544	36.4	Montana.....	91,644	53,045	38,599	42.1		
Michigan.....	595,524	437,328	168,186	28.2	Idaho.....	40,427	26,586	13,841	34.2		
Wisconsin.....	512,569	405,150	109,419	21.3	Wyoming.....	27,118	13,091	14,027	51.7		
WEST NORTH CENTRAL:				COLORADO:							
Minnesota.....	543,010	406,782	136,228	25.1	Colorado.....	126,851	82,189	44,662	35.2		
Iowa.....	273,484	222,328	81,156	18.7	New Mexico.....	22,654	11,511	11,143	49.2		
Missouri.....	228,986	162,600	66,296	29.0	Arizona.....	46,824	21,097	25,727	54.9		
North Dakota.....	156,158	103,527	52,631	33.7	Utah.....	63,383	42,934	20,459	32.3		
South Dakota.....	100,628	77,027	23,601	23.5	Nevada.....	17,999	10,483	7,516	41.8		
				PACIFIC:							
				Washington.....				241,197	145,014	96,183	39.9
				Oregon.....				103,001	64,728	38,273	37.2
				California.....				517,250	337,168	180,082	34.8

Urban and rural communities.—Table 5 distributes the foreign-born white population in the urban and rural communities, respectively, of each geographic division according to the time of arrival in the United States.

This table shows that the more recent arrivals have more generally gone to urban communities than the earlier ones. In 1910, of the foreign-born whites in urban communities who reported the year of immigration, 39.8 per cent had arrived after January 1, 1901; of

those in rural communities only 31.7 per cent. Of the 4,528,926 foreign-born whites who reported arrival after January 1, 1901, 3,514,756, or 77.6 per cent, resided in urban communities, and only 1,014,170, or 22.4

per cent, in rural communities; while of the 5,302,515 who reported arrival in 1890 or earlier, 3,611,131, or 68.1 per cent, resided in urban communities, and 1,691,384, or 31.9 per cent, in rural communities.

Table 5 FOREIGN-BORN WHITE IN 1910, CLASSIFIED ACCORDING TO YEAR OF IMMIGRATION.

DIVISION.	Urban communities.						Rural communities.									
	Year of immigration.					Per cent. ¹	Year of Immigration.					Per cent. ¹				
	1906- Apr. 15, 1910	1901- 1905	1891- 1900	1890 or earlier.	Year un- known.		1906- Apr. 15, 1910	1901- 1905	1891- 1900	1890 or earlier.	Year un- known.					
United States	1,945,819	1,568,937	1,701,911	3,811,131	807,571	22.0	17.8	60.2	563,102	431,068	493,234	1,691,384	511,388	18.2	13.5	68.3
New England.....	349,817	265,416	303,899	630,398	70,060	21.6	16.5	61.9	22,625	17,830	26,665	56,290	14,467	18.3	14.5	67.2
Middle Atlantic.....	904,753	770,443	783,663	1,333,461	257,157	23.9	20.3	55.8	191,025	136,011	120,685	244,511	84,470	27.6	19.6	52.8
East North Central.....	435,287	316,937	319,651	929,710	188,306	21.8	15.8	62.4	86,721	75,005	99,639	503,470	113,694	11.3	9.8	78.9
West North Central.....	94,803	74,184	75,312	287,948	99,449	17.8	13.9	68.3	91,741	81,499	139,053	548,678	139,564	10.9	9.7	73.4
South Atlantic.....	29,128	25,805	29,612	70,665	36,546	18.8	16.6	64.6	27,756	15,455	10,710	27,655	18,224	34.4	17.9	47.6
East South Central.....	5,451	4,922	6,261	29,634	11,624	11.7	10.6	77.6	3,156	2,719	2,673	13,098	7,279	14.6	12.6	72.9
West South Central.....	17,679	14,222	19,112	46,716	39,079	18.1	14.6	67.4	32,178	20,374	29,817	74,768	54,814	20.5	13.0	66.6
Mountain.....	27,918	22,009	26,185	70,549	26,478	19.0	15.0	66.0	63,043	36,916	36,887	88,672	38,003	28.0	18.4	55.7
Pacific.....	84,003	75,008	78,806	211,999	78,672	18.7	16.7	64.6	64,857	46,250	46,105	134,323	41,415	22.2	15.9	61.9

¹ Percentages based only on the number for whom the year of immigration was reported.

Principal cities.—Table 6 distributes the foreign-born whites of each city of 100,000 inhabitants or more, as enumerated at the census of 1910, according to the time of arrival in the United States. Very marked differences appear among the cities with respect to the proportions of the more recent and the earlier arrivals. In New York City 23.6 per cent of

those who reported specifically the year of arrival had arrived between January 1, 1906, and the date of enumeration in 1910; 22 per cent between 1901 and 1905; and 54.4 per cent in 1900 or earlier. In New Orleans, on the other hand, only 9.9 per cent reported arrival between 1906 and 1910, while 78.6 per cent reported arrival in 1900 or earlier.

FOREIGN-BORN WHITE POPULATION, BY YEAR OF ARRIVAL IN THE UNITED STATES, FOR CITIES HAVING 100,000 INHABITANTS OR MORE: 1910.

CITY.	YEAR OF IMMIGRATION.					PER CENT. ¹			CITY.	YEAR OF IMMIGRATION.					PER CENT. ¹		
	1906- Apr. 15, 1910	1901- 1905	1891- 1900	1890 or earlier.	Year un- known.	1906- 1910	1901- 1905	1900 or earlier.		1906- 1910	1901- 1905	1890 or earlier.	Year un- known.	1906- 1910	1901- 1905	1900 or earlier.	
Albany, N. Y.....	2,501	2,010	2,298	8,906	2,420	15.9	12.8	71.3	Minneapolis, Minn.....	11,872	12,971	12,771	35,812	12,512	16.2	17.7	66.2
Atlanta, Ga.....	646	561	655	1,382	1,166	19.9	17.3	62.8	Nashville, Tenn.....	281	281	380	1,652	399	10.8	10.8	78.3
Baltimore, Md.....	10,421	10,630	12,820	32,541	10,731	15.7	16.0	68.3	New Haven, Conn.....	8,536	8,382	9,227	14,943	1,696	20.8	20.4	58.8
Birmingham, Ala.....	941	714	814	1,658	1,163	22.8	17.3	59.9	New Orleans, La.....	1,909	2,230	3,596	11,582	8,369	9.9	11.5	78.6
Boston, Mass.....	43,852	40,332	57,037	93,918	6,183	18.7	17.2	64.1	New York, N. Y.....	438,743	407,865	419,893	689,205	71,997	23.6	22.0	54.4
Bridgeport, Conn.....	9,080	6,973	7,628	11,035	1,464	26.2	20.1	53.8	Newark, N. J.....	24,306	21,069	21,507	35,215	5,558	23.1	20.0	56.8
Buffalo, N. Y.....	17,758	13,859	19,656	50,266	16,925	17.5	13.7	68.9	Oakland, Cal.....	5,426	4,969	6,045	18,771	1,611	15.4	14.1	70.5
Cambridge, Mass.....	6,163	5,516	7,969	14,576	334	18.0	16.1	65.9	Omaha, Nebr.....	4,626	3,066	3,425	12,277	3,674	19.8	13.1	67.1
Chicago, Ill.....	161,210	130,018	132,389	310,401	47,199	22.0	17.7	60.3	Paterson, N. J.....	7,962	7,111	9,048	17,853	3,294	19.0	16.9	64.1
Cincinnati, Ohio.....	9,633	5,885	5,464	32,685	3,125	17.9	11.0	71.1	Philadelphia, Pa.....	72,516	67,110	69,994	141,574	32,284	20.7	19.2	60.1
Cleveland, Ohio.....	48,081	33,603	31,589	71,646	5,784	25.3	20.3	54.4	Pittsburgh, Pa.....	28,851	26,763	23,333	49,482	12,007	22.5	20.8	56.7
Columbus, Ohio.....	2,515	1,639	1,541	6,744	3,846	20.2	13.2	66.6	Portland, Ore.....	8,256	6,233	6,002	15,285	8,002	23.1	17.4	59.5
Dayton, Ohio.....	3,744	1,781	1,457	5,783	1,082	29.3	14.0	56.7	Providence, R. I.....	15,403	13,397	17,325	27,321	2,857	21.0	18.2	60.8
Denver, Colo.....	4,469	4,467	6,388	19,669	4,537	13.0	13.0	74.0	Richmond, Va.....	587	456	499	1,341	1,202	20.4	15.8	63.8
Detroit, Mich.....	39,044	29,594	24,144	102,649	5,134	25.6	15.9	58.5	Rochester, N. Y.....	12,959	8,886	8,993	24,435	3,720	23.4	16.1	60.5
Fall River, Mass.....	9,636	7,711	12,123	20,913	491	19.1	15.3	65.6	St. Louis, Mo.....	21,335	16,274	14,006	59,578	14,513	19.2	14.6	66.2
Grand Rapids, Mich.....	3,997	3,143	3,872	13,620	3,903	16.3	12.8	70.9	St. Paul, Minn.....	7,439	6,663	7,639	28,063	6,690	14.9	13.4	71.7
Indianapolis, Ind.....	3,428	1,935	2,271	9,723	2,209	19.7	11.3	69.0	San Francisco, Cal.....	18,742	19,262	20,812	57,588	14,469	16.1	16.5	67.4
Jersey City, N. J.....	14,457	11,811	13,625	31,040	6,744	20.4	16.7	63.0	Scranton, Pa.....	6,598	5,546	5,676	14,542	2,750	20.4	17.1	65.5
Kansas City, Mo.....	3,089	2,740	3,078	10,136	2,844	16.2	14.4	69.4	Seattle, Wash.....	11,166	9,995	9,360	17,998	12,716	23.2	19.9	56.9
Los Angeles, Cal.....	8,925	9,110	1,798	24,507	8,234	17.1	17.4	65.5	Syracuse, Wash.....	3,303	2,861	2,901	7,184	4,471	22.7	17.1	60.2
Louisville, Ky.....	1,367	1,123	1,099	11,046	2,201	9.0	7.4	83.7	Syracuse, N. Y.....	6,074	3,678	4,618	11,232	4,779	23.4	14.1	62.5
Lowell, Mass.....	9,854	6,070	9,133	17,406	994	23.2	14.3	62.5	Toledo, Ohio.....	4,024	3,467	4,606	14,857	5,083	14.9	12.9	72.2
Memphis, Tenn.....	783	899	183	2,398	1,514	15.8	16.4	67.8	Washington, D. C.....	2,837	2,494	3,203	10,255	5,562	15.1	13.3	71.6
Milwaukee, Wis.....	19,528	13,057	14,652	52,322	11,917	19.6	13.1	67.3	Worcester, Mass.....	10,487	7,864	10,710	18,015	1,418	22.3	16.7	61.0

¹ Percentages based only on the number for whom the year of immigration was reported.

CHAPTER 7.

SCHOOL ATTENDANCE AND ILLITERACY.

Introduction.—This chapter presents in condensed form the principal statistics relative to school attendance and illiteracy obtained at the Thirteenth Census, taken as of April 15, 1910, with comparative figures for prior censuses. Statistics are presented for the states and principal cities of the United States. Alaska, Hawaii, Porto Rico, and other outlying possessions are not included.

In the first part of the chapter relating to school attendance figures are given for the whole number of persons attending school in 1909-10, but comparisons with the population are confined to persons from 6 to 20 years of age. A full discussion is given for the United States as a whole for different classes of the population, classified by color or race, nativity, and parentage, by sex, and by age groups, with further details regarding the population living in urban com-

munities and rural districts. Similar material in more condensed form is given for the geographic divisions and states and for the principal cities. Comparative figures for the censuses of 1910 and 1900 relate to the population from 5 to 20 years of age.

In the second part of the chapter relating to illiteracy figures are presented for the United States as a whole for the population 10 years of age and over, classified by color or race, nativity, parentage, sex, and age, and as resident in urban communities and rural districts. Similar statistics in more condensed form are given for each of the geographic divisions and states and for the principal cities. The chapter also gives a separate discussion of illiteracy in two important classes of the population, namely, children from 10 to 14 years of age and males 21 years of age and over.

SCHOOL ATTENDANCE.

UNITED STATES AS A WHOLE: 1909-10.

The statistics of school attendance of the census of 1910 are based upon the answers to a question on the population schedule as to whether the person enumerated had attended school between September 1, 1909, and the date of enumeration, April 15, 1910. If the person enumerated had attended any kind of school for any length of time during the period in question, an affirmative answer was to be entered upon the schedule.

Persons attending school, classified by color or race, nativity, and parentage.—The total number of persons reported as having attended school between September 1, 1909, and April 15, 1910, was 18,009,891. It is not to be understood that all of these persons were in school on April 15, or that they were simultaneously attending school at any time during the period. They represent the whole number who had any relation as pupils to the schools of the country during this time, and may, for brevity, be designated as persons attending school in 1909-10. Though the period falls from two to two and a half months short of the entire school year 1909-10, the number of persons who enter school in April, May, and June of any school year who have not been at school earlier in the year is an insignificant part of the whole enrollment. Hence the period covered by the census enumeration can be regarded as practically identical with the school year. Table 1 shows the distribution of the persons attending school in 1909-10 among the several color or race, nativity, and parentage groups.

CLASS OF POPULATION.	PERSONS ATTENDING SCHOOL, 1909-10.		Per cent distribution of total population.
	Number.	Per cent of total.	
Total	18,009,891	100.0	100.0
White.....	16,279,292	90.4	88.9
Native.....	15,627,796	86.8	74.4
Native parentage.....	11,110,583	61.7	53.8
Foreign or mixed parentage.....	4,517,203	25.1	20.5
Foreign born.....	651,506	3.6	14.5
Negro.....	1,670,650	9.3	10.7
Indian.....	53,458	0.3	0.3
Chinese.....	3,887	(1)	0.1
Japanese.....	2,512	(1)	0.1
All other.....	92	(1)	(1)

1 Less than one-tenth of 1 per cent.

Of the persons attending school, 90.4 per cent were whites and 9.3 per cent were negroes, the native whites constituting 86.8 per cent of the total. The distribution of the white persons attending school among the different nativity and parentage groups differs considerably from the corresponding distribution of the population at large. This difference, however, is not primarily attributable to divergent tendencies with regard to school attendance among these elements of the population, but results largely from differences between the nativity and parentage distribution of the adult white population and that of the white population of the usual school ages.

Persons attending school, classified by sex.—Table 2 shows the distribution by sex of the persons in each color or race, nativity, and parentage group attending school in 1909-10. It shows also the number of males

to 100 females for the entire number attending school, for those in the age group 6 to 20 years, and for the total population in the group 6 to 20 years.

Table 2

CLASS OF POPULATION.	PERSONS ATTENDING SCHOOL, 1909-10.		MALES TO 100 FEMALES.		
	Male.	Female.	Among persons attending school.		In total population 6 to 20 years of age.
			All ages.	6 to 20 years of age.	
Total	9,037,655	8,972,236	100.7	100.3	100.7
White.....	8,220,847	8,058,445	102.0	101.5	101.4
Native.....	7,882,607	7,743,179	101.8	101.4	101.0
Native parentage.....	5,611,901	5,498,682	102.1	101.6	101.5
Foreign or mixed parentage.....	2,270,706	2,246,497	101.1	100.8	99.7
Foreign born.....	338,240	313,266	108.0	105.6	108.1
Negro.....	783,809	886,781	88.4	88.4	95.4

A slight excess of males appears among the persons attending school, there being 100.7 males to each 100 females. This excess of males is found in all of the groups given in the table, except in the case of the negroes, where the females considerably outnumbered the males. For the persons 6 to 20 years of age attending school the excess of males was somewhat less than among all persons attending school. This excess corresponded approximately for most of the groups to the excess of males in the total population 6 to 20 years of age.

Persons attending school, classified by age groups.—Table 3 shows the age distribution, by color or race, nativity, and parentage groups, of persons who were reported as attending school.

Table 3

AGE PERIOD.	PERSONS ATTENDING SCHOOL, 1909-10.													
	All classes.		White.										Negro.	
			Total.		Native.				Foreign born.					
	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.
Total	18,009,891	100.0	16,279,292	100.0	15,627,786	100.0	11,110,583	100.0	4,517,203	100.0	651,506	100.0	1,670,650	100.0
Under 6 years.....	396,431	2.2	366,800	2.3	355,355	2.3	217,189	2.0	138,166	3.1	11,445	1.8	28,560	1.7
6 to 9 years.....	5,678,320	31.5	5,174,347	31.8	4,981,031	31.9	3,477,957	31.3	1,503,074	33.3	138,516	20.7	488,984	29.3
10 to 14 years.....	8,028,662	44.6	7,212,607	44.3	6,904,115	44.2	4,827,471	43.4	2,076,644	46.0	308,492	47.4	791,995	47.4
15 to 20 years.....	3,593,222	20.0	3,237,762	19.9	3,135,123	19.9	2,395,763	21.6	739,360	16.4	102,639	15.8	338,750	20.3
21 to 24 years.....	2,748,386	15.3	2,473,283	15.2	2,400,268	15.4	1,809,055	16.3	591,213	13.1	73,013	11.2	264,006	15.8
25 to 34 years.....	844,836	4.7	784,479	4.7	734,835	4.7	586,708	5.3	148,147	3.3	29,624	4.5	74,745	4.5
35 years and over.....	313,256	1.7	287,776	1.8	252,162	1.6	192,203	1.7	59,959	1.3	35,614	5.5	22,391	1.3

Percentage attending school, by age groups.—Some of the most significant information to be derived from statistics of school attendance is obtained by comparing the number of persons of a given group attending school with the total number of persons in that group, and thus showing the proportion of school attendance. Inasmuch as school attendance is not customary among persons under 6 or over 20 years of age, comparisons of this character are in general best confined to persons from 6 to 20 years of age.

The great majority of persons attending school are between the ages of 6 and 20 years, inclusive, which correspond precisely to the limits of school age as defined by the laws of many states, and approximately to the limits established in most other states. Of the total number of persons attending school in 1909-10, 17,300,204, or 96.1 per cent, were between 6 and 20 years of age, inclusive, while only 2.2 per cent were under 6 and only 1.7 per cent were over 21. The group 6 to 9 years of age included 31.5 per cent of all persons attending school; the group from 10 to 14 years included 44.6 per cent; and the group from 15 to 20 years included 20 per cent. It may be noted that the age periods indicated are not of equal length, the first including four years; the second, five; and the third, six.

In this and other tables percentages are given for the age groups 15 to 17 years and 18 to 20 years, but for economy of space the absolute figures on which percentages are based have been omitted from some of the other tables.

The age distribution of the persons attending school does not vary greatly among the principal race, nativity, and parentage groups shown in Table 3. Among the native whites of native parentage the percentage who were from 15 to 20 years of age was noticeably larger than among the foreign-born whites or the native whites of foreign or mixed parentage. On the other hand, the proportion of the foreign-born whites who were over 20 years of age was much higher than the corresponding proportion among the native white classes.

Table 4 shows, by age groups, for the United States as a whole, the proportion of the entire population who attended school in 1909-10.

Persons reported as attending school constituted 19.6 per cent of the total population of the country. For persons under 6 years of age the proportion attending school was only 3.1 per cent, and for persons of 21 and over only 0.6 per cent. The total number of persons between the ages of 6 and 20 years, inclusive, in 1910 was 27,750,599, of which number

17,300,204, or 62.3 per cent, attended school at some time between September 1, 1909, and April 15, 1910.

Table 4

AGE PERIOD.	Population: 1910	PERSONS ATTENDING SCHOOL, 1909-10.	
		Number.	Percent.
Total.....	91,872,266	18,009,891	19.6
Under 6 years.....	12,066,762	396,451	3.3
6 to 20 years.....	27,750,599	17,300,204	62.3
6 to 9 years.....	7,725,334	5,678,320	73.5
10 to 14 years.....	9,107,140	8,028,962	88.2
15 to 20 years.....	10,918,225	3,593,222	32.9
15 to 17 years.....	5,372,176	2,748,386	51.2
18 to 20 years.....	5,546,049	844,836	15.2
21 years and over.....	51,544,905	313,256	0.6

School attendance is much more common between the ages of 6 and 14 years than during the later years

of youth. It is most common between the ages of 8 and 13, inclusive. Compulsory school attendance laws, which in 1910 existed in all but 7 of the states of the Union, seldom require attendance beyond the age of 14, and many children after reaching that age drop out of school. School attendance is never required by law before the age of 7 years and in the majority of states not before 8 years, although a considerable proportion of children of 6 and a still larger proportion of those of 7, usually attend school, especially in cities. Hence the proportion of school attendance for the group 10 to 14 years (88.2 per cent) was considerably higher than that for the age group 6 to 9 years (73.5 per cent), and very much higher than that for the age group 15 to 20 years (32.9 per cent).

Table 5

CLASS OF POPULATION AND SEX.	Total number of persons attending school, 1909-10.	PERSONS 6 TO 20 YEARS OF AGE.		PERSONS 6 TO 9 YEARS OF AGE.		PERSONS 10 TO 14 YEARS OF AGE.		PERSONS 15 TO 20 YEARS OF AGE.		OTHERS ATTENDING SCHOOL.					
		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Under 6 years of age.	21 years of age and over.			
			Number.	Per cent.		Number.	Per cent.		Number.	Per cent.			Number.	Per cent.	
Total.....	18,009,891	27,750,599	17,300,204	62.3	7,725,234	6,678,320	73.5	9,107,140	8,028,962	88.2	10,918,225	3,593,222	32.9	396,451	313,256
Male.....	8,837,866	13,824,684	8,661,846	62.3	3,896,287	2,856,580	73.3	4,601,753	4,036,105	87.7	5,426,654	1,769,161	32.6	196,572	173,237
Female.....	8,872,236	13,925,905	8,638,358	62.5	3,828,947	2,821,740	73.7	4,505,387	3,992,657	88.6	5,491,571	1,824,061	33.2	199,858	134,019
White.....	16,279,292	24,220,868	15,624,716	64.5	7,003,748	5,174,347	73.9	7,918,408	7,212,607	91.1	9,588,712	3,237,762	33.7	366,800	287,776
Male.....	8,220,847	12,195,148	7,872,132	64.6	3,388,433	2,611,957	77.1	4,006,104	3,643,988	91.0	4,800,611	1,616,137	33.7	182,602	166,113
Female.....	8,058,445	12,025,720	7,752,584	64.5	3,315,315	2,562,390	77.3	3,912,304	3,568,619	91.2	4,798,101	1,621,575	33.8	184,198	121,663
Negro.....	1,670,650	3,422,157	1,619,699	47.3	990,850	488,954	49.3	1,155,266	791,945	68.6	1,276,041	338,750	26.5	28,550	22,991
Male.....	783,869	1,670,979	759,819	45.5	492,406	237,163	48.2	578,074	379,486	65.6	600,439	143,165	23.8	13,452	10,694
Female.....	886,781	1,751,178	859,880	49.1	498,384	251,792	50.5	577,192	412,509	71.5	675,602	195,585	28.9	15,108	11,787
Indian.....	53,458	94,529	51,043	54.0	28,907	13,984	48.4	31,393	22,440	71.5	34,229	14,613	42.7	962	1,453
Chinese.....	3,837	6,978	3,283	46.9	1,956	604	30.7	1,375	1,221	77.7	4,447	1,438	32.3	64	567
Japanese.....	2,512	5,715	1,427	25.0	764	426	55.8	477	275	78.6	4,474	630	14.0	45	1,040
All other.....	92	352	56	15.9	9	5	(¹)	21	18	(¹)	322	33	10.2	.....	36
Native white.....	15,627,786	22,678,825	15,020,268	66.2	6,452,309	4,981,031	77.2	7,560,078	6,904,115	91.3	8,666,438	3,135,123	36.2	355,355	252,162
Male.....	7,882,607	11,393,940	7,561,644	66.4	3,261,604	2,514,191	77.1	3,824,801	3,486,377	91.2	4,307,535	1,561,056	36.2	176,820	144,143
Female.....	7,745,179	11,284,885	7,458,623	66.1	3,190,705	2,466,840	77.3	3,735,277	3,417,718	91.5	4,358,903	1,574,067	36.1	178,535	108,019
Native parentage.....	11,110,583	16,007,930	10,701,191	66.9	4,622,327	3,477,957	75.2	5,324,253	4,827,471	90.7	6,060,783	2,395,763	39.5	217,189	192,203
Male.....	5,611,901	8,062,830	5,393,744	66.9	2,340,830	1,737,351	73.1	2,700,656	2,431,554	89.3	3,021,364	1,197,139	39.6	107,768	110,388
Female.....	5,498,682	7,944,543	5,307,447	66.8	2,281,497	1,730,906	75.4	2,623,622	2,387,917	91.0	3,039,419	1,198,624	39.4	109,421	91,814
Foreign or mixed par.....	4,517,203	6,617,432	4,319,078	64.7	1,829,982	1,503,074	82.1	2,235,795	2,076,644	92.9	2,605,655	739,360	28.4	138,166	59,599
Male.....	2,270,706	3,331,660	2,167,900	65.1	920,774	757,140	82.2	1,124,145	1,046,843	93.1	1,286,171	363,917	28.3	69,652	33,754
Female.....	2,246,497	3,340,542	2,151,178	64.4	909,208	745,934	82.0	1,111,650	1,029,801	92.6	1,319,484	375,443	28.5	69,114	26,205
Foreign-born white.....	651,506	1,542,043	604,447	39.2	251,439	193,316	76.9	358,330	308,492	86.1	932,274	102,639	11.0	11,445	35,614
Male.....	338,240	801,208	310,488	38.8	126,829	97,766	77.1	181,303	157,591	86.9	493,076	55,131	11.2	5,782	21,970
Female.....	313,266	740,835	293,959	39.7	124,610	95,550	76.7	177,027	150,901	85.2	439,198	47,508	10.8	5,663	13,644

¹ 1 Per cent not shown where base is less than 100.

Percentage attending school, by color or race, nativity, and parentage.—Table 5 shows the number and percentage of the population who attended school in 1909-10 by age groups, and by race, nativity, and parentage, and by sex. Table 6 summarizes the percentages.

Table 6

CLASS OF POPULATION.	PER CENT OF POPULATION ATTENDING SCHOOL, 1909-10.					
	6 to 20 years of age.			15 to 20 years of age.		
	6 to 20 years of age.	6 to 9 years of age.	10 to 14 years of age.	Total.	15 to 17 years of age.	18 to 20 years of age.
Total.....	62.3	73.5	88.2	32.9	51.2	15.2
White.....	64.5	77.2	91.1	33.7	52.4	15.7
Native.....	66.2	77.2	91.3	36.2	54.3	17.3
Native parentage.....	66.9	75.2	90.7	39.5	58.9	19.6
Foreign or mixed parentage.....	64.7	82.1	92.9	28.4	43.8	11.8
Foreign born.....	39.2	76.9	86.1	21.0	24.8	4.6
Negro.....	47.3	49.3	68.6	26.5	41.5	11.7

For the entire group comprising persons from 6 to 20 years of age, the native whites of native parentage showed a higher percentage of persons attending school (66.9) than any other class of the population, though not very much higher than the native whites of foreign or mixed parentage. The percentages shown by the foreign-born whites (39.2) and by the negroes (47.3) were much lower. Marked differences appear in some of the minor age groups. For children from 6 to 9 years of age the highest percentage of school attendance was among the native whites of foreign or mixed parentage; and even for the foreign-born whites the percentage was higher than for the native whites of native parentage. These elements of the foreign stock live more largely in urban communities, where the proportion of young children attending school is relatively high, than do the native whites of purely native parentage. For children from 10 to 14 years of age

also the highest percentage attending school was found among the native whites of foreign or mixed parentage. On the other hand, in the group from 15 to 20 years of age the proportion of school attendance was much higher among native whites of native parentage than among native whites of foreign or mixed parentage, while for the latter in turn it was very much higher than for the foreign-born whites. The low proportion of foreign-born whites from 15 to 20 years of age attending school results in part from the fact that very many children leave school as soon as the law permits, and in part from the fact that immigration swells the number of persons in this age group, bringing in large numbers who are beyond the age limits of compulsory school attendance, and who for this reason never attend school in the United States. In all of the age groups the percentage of school attendance among the negroes was materially lower than among the native whites of native parentage.

Percentage attending school, by sex.—Table 7 shows, by age groups and by classes of population, for males and females, respectively, the percentage who attended school in 1909-10.

Table 7

CLASS OF POPULATION.	PER CENT OF POPULATION ATTENDING SCHOOL, 1909-10.							
	6 to 20 years of age.		6 to 9 years of age.		10 to 14 years of age.		15 to 20 years of age.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
Total	62.2	62.5	73.3	73.7	87.7	88.6	32.6	33.2
White.....	64.6	64.5	77.1	77.3	91.0	91.2	33.7	33.8
Native.....	66.4	66.1	77.1	77.3	91.2	91.5	36.2	36.1
Native parentage.....	66.9	66.8	75.1	75.4	90.3	91.0	39.6	39.4
Foreign or mixed par.....	65.1	64.4	82.2	82.0	93.1	92.6	28.3	28.5
Foreign born.....	38.8	39.7	77.1	76.7	86.9	85.2	11.2	10.8
Negro.....	45.5	49.1	48.2	50.5	65.6	71.5	23.8	28.9

In general there was comparatively little difference between the two sexes in the percentage of school attendance. For the total population from 6 to 20 years of age the percentage of males attending school was 62.2 and of females 62.5, but in both of the native white groups, which are the largest groups, the proportion for males was slightly higher than that for females, this difference being somewhat more than offset in the total by the higher proportion for females among the foreign-born whites and among the negroes.

The differences in the percentages for males and females in the entire group from 6 to 20 years of age are partly due to differences in the age distribution of the two sexes. Thus, in the case of native whites of native parentage, the percentage of school attendance in 1909-10 was slightly lower among the males from 6 to 9 years of age and among those from 10 to 14 than among females in these two age groups; but notwithstanding this fact the proportion for the whole group of persons of school age—from 6 to 20 years, inclusive—was higher for males than for females.

Percentage attending school in the urban and rural population.—There are somewhat important differences between urban communities and rural districts with respect to school attendance. Table 8 shows the distribution, by age groups, of the persons in the urban and in the rural population, respectively, who were reported as having attended school in 1909-10. The Bureau of the Census classifies as urban population that residing in cities and other incorporated places of 2,500 inhabitants or more, including New England towns of that population.

Table 8

AGE PERIOD.	PERSONS ATTENDING SCHOOL, 1909-10.			
	In urban communities.		In rural districts.	
	Number.	Per cent of total.	Number.	Per cent of total.
Total	7,480,020	100.0	10,529,871	100.0
Under 6 years.....	212,994	2.8	183,437	1.7
6 to 9 years.....	2,442,305	32.7	3,236,015	30.7
10 to 14 years.....	3,320,340	44.5	4,702,322	44.7
15 to 20 years.....	1,330,324	17.8	2,262,898	21.5
15 to 17 years.....	1,003,041	13.4	1,745,345	16.6
18 to 20 years.....	227,283	4.4	517,553	4.9
21 years and over.....	168,057	2.2	145,199	1.4

In general the persons attending school in cities and villages were younger than those attending school in the rural districts.

The differences in this respect are further indicated in Table 9. (For the corresponding absolute numbers see Table 15, pages 229 and 230.)

Table 9

AGE PERIOD.	PER CENT OF POPULATION ATTENDING SCHOOL, 1909-10.					
	In urban communities.			In rural districts.		
	Total.	Male.	Female.	Total.	Male.	Female.
6 to 20 years, inclusive	61.6	62.0	61.3	62.9	62.4	63.4
6 to 9 years.....	81.7	81.7	81.7	68.3	68.1	68.6
10 to 14 years.....	91.7	91.8	91.6	85.8	85.1	86.5
15 to 20 years.....	27.1	26.6	27.6	37.6	37.2	38.1
15 to 17 years.....	43.8	42.4	45.2	56.6	55.4	57.9
18 to 20 years.....	12.5	12.5	12.5	17.7	18.0	17.3

For the entire group, comprising persons from 6 to 20 years of age, the proportion attending school in 1909-10 was slightly higher in rural districts than in urban communities (62.9 per cent as compared with 61.6 per cent). This, however, is due entirely to the fact that for the older children, from 15 to 20 years of age, the percentage attending school in the rural districts was much the higher. For children from 6 to 9 years of age the percentage was much higher, and for those from 10 to 14 considerably higher, in the urban than in the rural population. The distance of the schools from the homes often precludes the attendance of young children in rural districts, while, on the other hand, school attendance for at least a part of the year conflicts less with the industrial activity of the older children in rural than in urban communities.

For the entire group of persons from 6 to 20 years of age, inclusive, the proportion of school attendance was slightly higher among males than among females

in urban communities, but slightly the higher among females in the rural districts.

Table 10 shows, for the several color or race, nativity, and parentage classes, the proportion of the urban and of the rural population in the different age groups attending school.

Table 10 PER CENT OF POPULATION ATTENDING SCHOOL, 1909-10.

AGE PERIOD.	PER CENT OF POPULATION ATTENDING SCHOOL, 1909-10.											
	All classes.		Native white.						Foreign-born white.		Negro.	
			Total.		Native parentage.		Foreign or mixed parentage.					
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
6 to 20 years, inclusive.....	61.8	62.9	85.1	67.1	65.9	67.3	64.2	65.8	39.8	36.9	51.7	46.1
6 to 9 years.....	81.7	68.3	82.9	73.3	81.5	72.5	84.0	77.6	80.5	65.3	65.2	45.5
10 to 14 years.....	91.7	85.8	92.8	80.3	92.7	80.7	92.9	92.8	88.3	78.9	80.8	65.6
15 to 20 years.....	27.1	37.6	30.6	40.7	34.5	42.3	25.5	33.7	11.0	11.0	22.6	27.9
15 to 17 years.....	43.8	36.6	46.5	62.2	52.6	62.1	39.4	51.9	24.2	27.1	33.4	42.1
18 to 20 years.....	12.5	17.7	14.8	19.4	17.7	20.8	10.9	13.6	4.8	3.9	9.0	12.7

For all persons of school age the proportion of school attendance among native whites both of native parentage and of foreign or mixed parentage was somewhat higher in rural districts than in urban communities, but among the foreign-born whites and the negroes the percentage was materially higher in the urban communities.

DIVISIONS AND STATES: 1909-10.

Number and percentage attending school, by age groups.—Table 11, on page 224, shows by divisions and states the number of persons attending school distributed by age groups, together with the total population in the principal age groups.

Comparing the geographic divisions it appears that for the entire group of persons 6 to 20 years of age the proportion attending school was lowest in the South Atlantic division, where 56.7 per cent attended school in 1909-10, and highest in the West North Central division, where 67.9 per cent attended school. In the group from 6 to 9 years of age the variation among the divisions was more marked, the proportion ranging from 56.9 per cent in the West South Central division to 89.3 per cent in the New England division. In each of the four northern divisions more than four-fifths of the children of this age attended school, in each of the three southern divisions about three-fifths, and in the two western divisions about three-fourths. In the age group showing the maximum school attendance—that comprising children from 10 to 14

years of age—the proportion attending school was, in the three southern divisions, about four-fifths, and in the northern and western divisions over nine-tenths, with a maximum of 94.1 per cent in the New England and Pacific divisions. Among persons from 15 to 20 years of age the proportion attending school was lowest (26.2 per cent) in the Middle Atlantic division. In the New England and East North Central divisions also less than one-third of the persons of these ages were reported as attending school, but in all other divisions of the country the proportion was more than one-third, the maximum (40.5 per cent) being in the Mountain division.

Persons 6 to 20 years of age attending school.—Table 12, page 225, shows the total number of males and of females from 6 to 20 years of age, with the number and percentage attending school, by divisions and states.

The United States as a whole and all but two of the divisions show a slightly larger proportion of girls than of boys attending school. The exceptions are the Middle Atlantic and East North Central divisions, where the proportion of boys attending school was slightly larger than that of girls.

The color or race, nativity, and parentage distribution of the population from 6 to 20 years of age, with the number and percentage reported as attending school in 1909-10, is shown by divisions and states in Table 13, page 227.

In every division the proportion of persons attending school was higher among the native whites of native parentage than in any other group, native whites of foreign or mixed parentage, negroes, and foreign-born whites following in the order named.

The variation among the divisions in the proportion of the native whites of native parentage from 6 to 20 years of age attending school was comparatively slight; the maximum proportion (72.2 per cent) was in the New England division, and the minimum (62.8 per cent) in the South Atlantic division. The maximum proportion for the native whites of foreign or mixed parentage (69.3 per cent) was in the New England division, and the minimum (51.8 per cent) in the West South Central division; the next higher percentage, however, was decidedly above the minimum. The range of variation for the foreign-born whites and the negroes was also very considerable. Moreover, it may be noted that the divergence between the proportion of negroes attending school and that of native whites of native parentage attending school is most marked where the negroes are most numerous—in the three southern divisions.

SCHOOL ATTENDANCE, BY AGE PERIODS, FOR DIVISIONS AND STATES: 1910.

Table 11 DIVISION AND STATE.	Total number of persons attending school.	PERSONS 6 TO 20 YEARS OF AGE.			PERSONS 6 TO 9 YEARS OF AGE.			PERSONS 10 TO 14 YEARS OF AGE.			PERSONS 15 TO 20 YEARS OF AGE.			OTHERS ATTENDING SCHOOL.	
		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Under 6 years of age.	21 years of age and over.
			Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		
United States	18,009,891	27,750,599	17,300,204	62.3	7,725,234	5,678,320	73.5	9,107,140	8,028,662	88.2	10,918,223	3,593,222	32.9	396,431	313,256
GEOGRAPHIC DIVISIONS:															
New England.....	1,222,228	1,729,112	1,143,208	66.1	461,292	411,741	89.3	559,556	526,430	94.1	708,264	205,097	29.0	57,294	21,666
New England.....	3,531,373	5,357,250	3,370,818	62.9	1,439,430	1,194,176	83.6	1,726,086	1,603,348	92.9	2,191,740	573,294	26.2	100,028	60,527
Middle Atlantic.....	3,576,093	5,237,043	3,421,622	65.5	1,406,274	1,173,582	83.5	1,706,759	1,600,841	93.8	2,124,010	657,199	30.9	80,877	63,504
West North Central.....	2,330,591	3,574,334	2,423,412	67.9	976,434	782,550	80.1	1,170,674	1,095,410	93.6	1,427,226	547,054	38.3	55,590	49,551
South Atlantic.....	2,418,444	4,139,759	2,347,451	56.7	1,205,479	730,919	60.6	1,396,058	1,099,070	78.7	1,538,222	517,462	33.6	33,673	37,320
East South Central.....	1,739,191	2,889,349	1,673,263	57.9	844,021	507,826	60.2	969,343	765,696	79.0	1,075,983	399,741	37.2	30,552	26,376
West South Central.....	1,795,100	3,057,574	1,747,007	57.1	912,637	518,846	56.9	1,016,531	817,902	80.5	1,128,386	410,259	36.4	21,281	26,812
Mountain.....	505,191	741,754	487,947	65.8	215,799	155,870	72.2	239,610	216,222	90.2	286,345	115,855	40.5	7,368	9,876
Pacific.....	700,770	1,024,418	673,414	65.7	263,848	202,810	76.9	322,523	303,343	94.1	438,047	167,261	38.2	9,762	17,594
NEW ENGLAND:															
Maine.....	140,831	195,197	132,082	67.7	52,767	45,023	85.3	64,588	59,451	92.4	77,842	27,408	35.2	6,393	2,356
New Hampshire.....	77,550	111,634	73,487	65.8	29,556	25,734	87.1	36,271	34,291	94.5	45,807	13,442	29.3	2,935	1,128
Vermont.....	70,531	94,701	66,845	70.6	25,962	22,951	88.4	31,451	30,391	96.6	37,288	13,503	36.2	2,768	918
Massachusetts.....	630,119	881,024	588,029	66.7	234,494	213,229	90.9	284,960	269,200	94.5	361,570	105,600	29.2	29,845	12,245
Rhode Island.....	96,242	148,102	90,328	61.0	38,262	32,707	85.5	47,014	43,053	91.6	62,826	14,568	23.2	3,861	2,053
Connecticut.....	206,955	298,544	192,497	64.5	80,251	72,077	89.8	95,272	89,844	94.3	122,931	30,576	24.9	11,492	2,966
MIDDLE ATLANTIC:															
New York.....	1,650,863	2,454,428	1,563,374	63.7	637,903	540,228	84.7	785,826	741,542	94.4	1,030,699	281,604	27.3	55,773	31,716
New Jersey.....	469,272	708,525	440,903	62.2	191,940	162,920	84.9	228,695	209,840	91.8	287,890	68,143	23.7	21,433	6,936
Pennsylvania.....	1,411,238	2,194,303	1,366,541	62.3	609,587	491,028	80.6	711,565	651,966	91.6	873,151	223,547	25.6	22,822	21,875
EAST NORTH CENTRAL:															
Ohio.....	898,088	1,313,890	868,578	65.1	347,668	293,400	84.4	425,602	401,235	94.3	540,539	173,940	32.2	14,133	15,377
Indiana.....	529,742	777,889	515,623	66.0	210,576	172,348	81.8	255,568	238,918	93.5	311,745	102,357	32.8	5,390	10,170
Illinois.....	1,064,346	1,615,914	1,025,033	63.4	432,853	354,775	82.0	620,955	482,944	92.7	602,106	187,334	31.3	19,085	20,208
Michigan.....	568,926	796,887	539,739	67.7	217,544	184,986	85.0	258,490	246,721	95.5	320,863	108,032	33.6	19,982	9,205
Wisconsin.....	514,901	732,544	484,629	66.2	197,633	168,070	85.0	246,134	231,023	93.9	288,757	85,536	29.7	22,287	7,985
WEST NORTH CENTRAL:															
Minnesota.....	462,867	648,775	443,761	68.4	175,220	141,114	80.5	214,402	205,038	95.6	259,153	97,589	37.7	9,463	9,643
Iowa.....	469,272	675,222	469,778	69.6	182,252	157,387	86.6	222,577	209,118	94.0	270,293	102,773	38.0	19,300	10,194
Missouri.....	605,972	993,996	640,866	65.1	268,612	207,728	77.3	324,191	297,116	91.6	401,195	142,022	35.4	7,640	11,466
North Dakota.....	121,649	183,356	117,453	64.1	54,902	38,745	70.6	59,392	55,478	90.0	69,042	25,230	36.5	1,799	2,397
South Dakota.....	126,903	183,979	122,642	66.7	52,889	38,804	73.4	60,021	55,194	92.0	71,069	26,640	37.3	1,790	2,471
Nebraska.....	275,829	373,868	261,219	69.9	101,502	85,782	84.5	121,782	115,547	94.9	150,584	59,890	39.8	9,077	5,533
Kansas.....	378,069	515,156	363,093	70.6	141,067	112,490	79.7	168,369	160,299	95.2	205,790	90,906	44.2	6,527	7,877
SOUTH ATLANTIC:															
Delaware.....	36,330	57,932	35,304	60.9	15,181	11,185	73.7	19,308	17,072	88.4	23,443	7,047	30.1	467	559
Maryland.....	234,628	388,480	227,024	58.4	106,263	78,196	73.6	129,605	111,049	85.7	152,618	37,779	24.8	3,565	4,039
District of Columbia.....	54,668	79,249	50,839	64.2	20,070	15,797	78.7	24,649	22,978	93.2	34,530	12,084	35.0	1,529	2,300
Virginia.....	401,696	697,649	392,499	56.3	203,357	109,873	54.0	237,563	191,134	80.5	256,729	91,492	35.6	3,901	5,296
West Virginia.....	267,411	396,818	259,971	65.5	116,314	85,019	73.1	131,027	119,057	90.9	149,477	55,895	37.4	3,544	3,896
North Carolina.....	495,196	785,583	481,450	61.3	232,597	145,657	62.4	265,964	212,355	79.8	287,022	124,038	43.2	5,091	8,005
South Carolina.....	300,359	504,200	291,307	57.6	105,103	85,569	81.8	192,406	158,397	82.3	206,751	67,341	32.6	4,566	4,486
Georgia.....	494,781	925,863	604,378	65.1	274,519	159,012	57.9	315,217	227,732	72.2	336,129	93,634	27.9	7,863	6,540
Florida.....	133,355	243,917	126,639	52.7	72,075	41,211	57.2	80,319	59,296	73.8	91,523	28,152	30.8	2,547	2,149
EAST SOUTH CENTRAL:															
Kentucky.....	473,481	755,700	461,195	61.0	216,275	143,081	66.2	252,905	213,527	84.4	286,529	104,587	36.5	5,188	7,098
Tennessee.....	451,190	738,478	438,547	59.4	212,375	129,733	61.1	243,328	198,741	81.7	282,775	110,073	38.9	5,409	7,234
Alabama.....	396,945	750,357	385,449	51.4	223,852	109,901	49.1	253,196	181,439	71.7	273,809	104,109	37.4	4,542	6,354
Mississippi.....	408,675	644,805	388,072	60.2	191,519	125,111	65.3	219,914	171,989	78.2	233,372	90,972	39.0	14,913	5,660
WEST SOUTH CENTRAL:															
Arkansas.....	333,795	551,672	324,035	58.7	165,403	102,017	61.7	179,879	139,921	77.8	206,390	82,097	39.8	4,324	5,436
Louisiana.....	257,021	576,863	248,420	43.1	172,563	79,015	45.8	193,791	121,130	62.5	209,512	48,275	23.0	4,968	3,630
Oklahoma.....	394,201	565,323	383,816	67.8	172,307	121,850	70.7	186,069	169,667	91.2	207,947	92,299	44.4	5,249	5,136
Texas.....	810,077	1,303,713	790,736	60.6	402,384	215,964	53.7	456,792	387,184	84.8	504,537	187,588	37.2	6,740	12,601
MOUNTAIN:															
Montana.....	62,555	93,771	60,678	64.7	26,978	20,064	74.4	29,080	26,815	90.3	37,107	13,799	37.2	936	1,141
Idaho.....	68,403	96,819	66,779	69.0	28,482	19,852	69.7	31,802	29,727	93.2	36,435	17,200	47.2	632	1,192
Wyoming.....	23,745	35,776	23,020	64.3	10,232	7,899	77.2	10,829	9,804	91.4	14,715	5,227	35.5	297	428
Colorado.....	153,412	215,940	147,626	68.4	60,167	47,445	78.9	69,688	65,123	93.4	86,085	35,658	40.7	2,483	3,303
New Mexico.....	66,717	105,403	64,342	61.9	32,202	20,416	63.4	34,408	28,119	81.7	38,793	15,807	40.7	1,563	812
Arizona.....	31,246	56,897	30,355	53.4	17,180	9,657	56.2	18,991	14,034	77.6	21,026	6,664	31.8	490	501
Utah.....	88,056	121,016	85,006	70.2	36,082	27,146	75.2	40,070	38,068	95.0	44,864	19,940	44.4	771	2,279
Nevada.....	10,557	16,132	10,141	62.9	4,476	3,391	75.5	4,836	4,442	90.0	6,720	2,308	34.3	196	220
PACIFIC:															
Washington.....	201,085	293,478	195,259	66.5	78,943	59,538	75.4	92,802	87,081	94.5	121,733	48,040	39.5	1,865	4,571
Oregon.....	121,409	175,886	117,078	66.8	45,266	33,894	74.9	55,776	52,520	94.2	74,344	30,664	41.2	1,109	3,222
California.....	377,660	555,554	361,077	65.0	139,639	109,378	78.3	173,945	163,182	93.8	241,970	88,557	36.6	6	

SCHOOL ATTENDANCE.

SCHOOL ATTENDANCE OF MALES AND FEMALES 6 TO 20 YEARS OF AGE, BY DIVISIONS AND STATES: 1910.

Table 12	MALES.						FEMALES.					
	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		
	Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.	
United States	13,924,634	8,661,848	62.2	13,825,905	8,638,356	62.5						
GEOGRAPHIC DIVISIONS:												
New England.....	863,984	670,016	66.0	866,028	573,252	66.2						
Middle Atlantic.....	2,666,450	1,687,199	63.3	2,690,806	1,683,619	62.6						
East North Central.....	2,635,089	1,728,579	65.6	2,601,934	1,703,233	65.5						
West North Central.....	1,807,003	1,221,092	67.6	1,767,234	1,205,722	68.1						
South Atlantic.....	2,054,592	1,160,063	56.2	2,075,167	1,185,788	57.2						
East South Central.....	1,446,249	834,869	57.7	1,433,100	838,394	58.1						
West South Central.....	1,534,210	876,065	57.0	1,625,364	871,942	57.2						
Mountain.....	780,510	245,550	31.5	761,244	241,388	31.8						
Pacific.....	527,507	337,404	64.0	496,911	336,010	67.6						
NEW ENGLAND:												
Maine.....	98,183	65,875	67.1	97,014	66,207	68.2						
New Hampshire.....	56,291	36,545	64.9	55,343	36,942	66.8						
Vermont.....	48,328	33,449	69.2	46,373	33,396	72.0						
Massachusetts.....	437,067	292,237	66.9	444,017	296,792	66.6						
Rhode Island.....	74,961	46,034	61.7	73,541	44,297	60.2						
Connecticut.....	148,714	95,870	64.5	149,740	96,618	64.5						
MIDDLE ATLANTIC:												
New York.....	1,210,638	779,624	64.4	1,243,790	783,750	63.0						
New Jersey.....	351,512	221,095	62.9	357,012	219,808	61.6						
Pennsylvania.....	1,104,299	686,480	62.2	1,090,001	680,061	62.4						
EAST NORTH CENTRAL:												
Ohio.....	660,862	438,348	66.3	652,947	430,220	65.9						
Indiana.....	393,088	258,985	65.9	384,801	254,638	66.2						
Illinois.....	808,263	515,724	63.8	807,651	509,329	63.1						
Michigan.....	403,056	271,277	67.3	393,331	268,492	68.2						
Wisconsin.....	369,820	244,045	66.0	362,724	240,584	66.3						
WEST NORTH CENTRAL:												
Minnesota.....	328,245	223,610	68.1	320,630	220,151	68.7						
Iowa.....	341,499	236,090	69.1	333,723	233,688	70.0						
Missouri.....	496,851	324,743	65.4	497,147	322,123	64.8						
North Dakota.....	94,421	59,876	63.4	88,915	57,677	64.8						
South Dakota.....	94,609	62,882	66.1	89,310	60,060	67.2						
Nebraska.....	189,450	131,839	69.6	184,418	129,380	70.2						
Kansas.....	261,868	182,962	69.9	253,288	180,743	71.4						
SOUTH ATLANTIC:												
Delaware.....	29,541	18,113	61.3	28,391	17,191	60.6						
Maryland.....	192,877	116,852	60.0	186,629	113,172	60.7						
District of Columbia.....	38,275	24,734	64.6	40,974	26,125	63.8						
Virginia.....	349,425	193,494	55.4	348,224	199,005	57.1						
West Virginia.....	203,733	132,211	64.9	193,025	127,750	66.2						
North Carolina.....	392,572	240,630	61.3	386,011	240,839	62.4						
South Carolina.....	279,589	141,637	50.7	284,671	149,760	52.6						
Georgia.....	437,136	233,135	53.0	408,729	247,243	52.7						
Florida.....	121,404	62,847	51.8	122,613	65,512	53.7						
EAST SOUTH CENTRAL:												
Kentucky.....	380,316	232,224	61.1	375,393	228,971	61.0						
Tennessee.....	371,988	226,124	60.8	366,490	218,423	59.6						
Alabama.....	375,258	191,114	51.2	377,669	194,335	51.5						
Mississippi.....	320,687	191,407	59.7	324,118	196,665	60.7						
WEST SOUTH CENTRAL:												
Arkansas.....	275,450	161,770	58.7	276,192	162,265	58.8						
Louisiana.....	284,579	121,265	42.6	291,287	127,155	43.7						
Oklahoma.....	288,108	196,269	68.1	278,215	187,547	67.4						
Texas.....	686,043	395,761	57.7	677,670	394,978	58.3						
MOUNTAIN:												
Montana.....	48,839	30,278	62.0	44,932	30,400	67.7						
Idaho.....	50,293	34,176	68.0	46,526	32,603	70.1						
Wyoming.....	19,223	11,875	62.0	16,533	11,448	69.1						
Colorado.....	109,338	73,728	67.4	106,602	73,898	69.3						
New Mexico.....	53,481	33,236	62.1	51,922	31,106	59.9						
Arizona.....	29,496	15,472	52.5	27,401	14,883	54.3						
Utah.....	61,234	42,399	70.2	59,782	42,045	70.3						
Nevada.....	8,606	5,104	59.3	7,536	5,037	66.9						
PACIFIC:												
Washington.....	151,457	97,993	64.7	142,021	97,266	68.5						
Oregon.....	90,473	69,264	65.5	84,913	67,814	68.1						
California.....	285,577	180,147	63.1	269,977	180,930	67.0						

Children 6 to 14 years of age attending school.—Between the ages of 6 and 20 years there are, as already noted, several years of age when school attendance is the exception rather than the rule, and when it is wholly voluntary. For children from 8 to 13 years of age, however, school attendance is in most sections of the country obligatory, and in many sections the age of 7 years is likewise covered by the compulsory school attendance laws. The proportion of school attendance is also high among children 6 years of age, so that for some purposes figures relating to the group comprising children from 6 to 14 years of age, inclusive, are of special value. Such figures are given, by divisions and states, in Table 14, page 228.

More than four-fifths (81.4 per cent) of all the children from 6 to 14 years of age attended school between September 1, 1909, and April 15, 1910. Of the remainder (18.6 per cent), the greater number consisted of 6 and 7 year old children who had not yet begun their schooling, and of 14 year old children who had completed their schooling.

Considering the different classes of the population, it is clear at a glance that the proportion of the children from 6 to 14 years of age attending school was greater for the whites than for the negroes. With respect to the whites it may be noted that for chil-

children in this age group the maximum attendance was among the native whites of foreign or mixed parentage, and the next highest among the native whites of native parentage. The proportion of foreign-born whites attending school was in every division the smallest shown by any of the white elements. In four divisions, namely, the New England, Middle Atlantic, East North Central, and West South Central, the native whites of native parentage had the largest proportion of children from 6 to 14 years of age attending school, while in the remaining five divisions the largest proportion was among the native whites of foreign or mixed parentage.

For the native whites of native parentage the proportion of children from 6 to 14 years of age attending school varied from about three-fourths in the two South Central divisions to over nine-tenths in the New England division. For the native whites of foreign or mixed parentage the range of variation was somewhat less for eight of the nine divisions. Unusual conditions appear to have prevailed in the West South Central division with respect to the school attendance of white children of native birth and foreign or mixed parentage, since in that division less than two-thirds of such children were reported as attending school. The figures for the country as a whole show compara-

tively little difference between the proportion of children from 6 to 14 years of age attending school among the foreign-born whites and among the native whites of native parentage, though for each division taken separately the percentage for the foreign-born whites was considerably less. Here again the West South Central division occupies an exceptional position, inasmuch as it shows less than one-half of the foreign-born white children from 6 to 14 years of age attending school.

Except in the Pacific division, where the number of negroes is relatively small, the proportion of negro children attending school was less than that of white children. In the three southern divisions, which contain so great a majority of the negroes that they practically determine the average for the United States as a whole, less than three-fifths of the negro children from 6 to 14 years of age were reported as attending school, but the average for the other six divisions was somewhat over five-sixths.

Persons attending school in the urban and rural population.—School attendance figures for the urban and rural population, classified according to age, sex, and color or race, nativity, and parentage, are shown for 1909-10, by divisions, in Table 15, pages 229 and 230.

In the country as a whole, and in every division except two (the West South Central and Mountain divisions), the proportion of the whole number of persons from 6 to 20 years of age, inclusive, who were reported as attending school was greater in rural districts than in urban communities. In every division the proportion attending school among children from 6 to 9 years of age was larger in the urban population than in the rural, but in every division the proportion among persons from 15 to 20 years of age was larger in the rural population. For the intervening age group—10 to 14 years—the proportion was the larger in urban communities for the country as a whole, for the three southern divisions, and for the Mountain division, and in rural districts for the four northern divisions and the Pacific division.

SCHOOL ATTENDANCE.

SCHOOL ATTENDANCE OF POPULATION 6 TO 20 YEARS OF AGE, BY DIVISIONS AND STATES: 1910.

[Per cent not shown where base is less than 100.]

Table 13 DIVISION AND STATE.	ALL CLASSES.			NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.					
	Total number.	Attending school.		Native parentage.			Foreign or mixed par.			Total number.		Attending school.		Total number.		Attending school.		
		Number.	Per cent.	Total number.	Attending school.	Per cent.	Total number.	Attending school.	Per cent.	Total number.	Number.	Per cent.	Total number.	Number.	Per cent.	Total number.	Number.	Per cent.
United States	27,750,599	17,300,204	62.3	16,007,393	10,701,191	66.9	6,671,432	4,319,078	64.7	1,542,043	604,447	39.2	3,422,157	1,619,699	47.3			
GEOGRAPHIC DIVISIONS:																		
New England.....	1,729,112	1,143,268	66.1	666,431	481,480	72.2	803,198	556,736	69.3	243,068	94,322	38.8	15,539	10,201	65.6			
Middle Atlantic.....	5,357,256	3,370,818	62.9	2,584,645	1,744,091	67.5	1,989,990	1,297,558	65.2	683,873	271,942	39.8	95,194	54,780	57.5			
East North Central.....	5,237,043	3,431,622	65.5	3,132,328	2,178,099	69.5	1,741,668	1,091,526	62.7	283,632	113,445	40.0	72,837	44,622	61.0			
West North Central.....	3,574,334	2,425,414	67.9	2,186,578	1,546,055	70.7	1,186,613	783,075	66.0	122,672	50,080	40.8	64,088	37,229	58.1			
South Atlantic.....	4,139,759	2,347,451	56.7	2,467,850	1,519,613	62.8	128,778	76,586	59.5	35,687	12,300	34.7	504,019	706,974	47.0			
East South Central.....	2,889,349	1,673,263	57.9	1,883,753	1,101,822	63.3	52,743	31,189	59.1	6,953	2,741	39.4	944,880	447,230	47.0			
West South Central.....	3,057,574	1,747,007	57.1	2,048,346	1,291,901	63.1	212,966	110,378	51.8	51,160	13,192	25.8	715,597	312,736	43.7			
Mountain.....	741,754	487,947	65.8	457,096	317,047	69.4	210,861	143,144	67.9	42,574	16,311	38.3	4,170	2,551	60.7			
Pacific.....	1,024,413	673,414	65.7	580,366	401,083	69.1	344,615	228,886	66.4	72,424	30,024	41.5	5,836	3,536	60.9			
NEW ENGLAND:																		
Maine.....	195,197	132,082	67.7	123,853	87,995	71.0	53,962	36,945	68.5	16,740	6,747	40.3	355	224	63.1			
New Hampshire.....	111,634	73,487	65.8	52,646	37,974	72.1	43,577	30,091	69.1	15,259	5,334	35.0	138	77	55.8			
Vermont.....	94,701	66,845	70.6	63,769	46,513	72.9	23,968	16,990	70.9	6,707	3,207	47.8	251	131	52.2			
Massachusetts.....	881,024	588,029	66.7	278,717	205,518	73.7	459,778	323,327	70.3	133,312	53,082	39.8	8,797	5,850	66.5			
Rhode Island.....	148,102	90,328	61.0	42,009	29,235	69.6	76,888	49,988	65.0	26,839	9,623	35.9	2,277	1,424	62.5			
Connecticut.....	298,454	192,497	64.5	105,437	73,245	70.4	145,025	99,395	68.5	44,211	16,329	36.9	3,721	2,495	67.1			
MIDDLE ATLANTIC:																		
New York.....	2,454,428	1,563,374	63.7	963,517	663,316	68.8	1,053,610	709,245	67.3	407,790	174,186	42.7	27,192	15,192	55.9			
New Jersey.....	708,525	440,903	62.2	302,965	204,166	67.4	294,673	191,544	65.0	88,869	32,242	36.3	21,832	12,892	59.1			
Pennsylvania.....	2,194,303	1,366,541	62.3	1,318,133	876,609	66.5	641,707	396,769	61.8	187,214	65,514	35.0	40,160	26,990	57.8			
EAST NORTH CENTRAL:																		
Ohio.....	1,313,809	868,578	66.1	938,675	651,607	69.4	284,375	174,842	61.5	62,828	24,837	39.5	27,830	17,233	61.9			
Indiana.....	777,889	513,623	66.0	664,781	448,578	67.5	85,074	50,633	59.5	12,327	4,612	37.4	15,560	9,699	62.3			
Illinois.....	1,615,914	1,025,633	63.4	849,975	585,043	68.8	619,352	379,164	61.2	121,517	46,138	38.0	24,825	14,572	58.7			
Michigan.....	796,887	539,739	67.7	372,377	268,925	72.2	365,753	243,380	66.5	52,305	23,404	44.7	3,994	2,561	64.1			
Wisconsin.....	732,544	484,629	66.2	306,520	223,946	73.1	387,114	243,487	62.9	34,655	14,454	41.7	628	397	63.2			
WEST NORTH CENTRAL:																		
Minnesota.....	648,775	443,761	68.4	208,907	134,844	74.1	398,336	270,175	67.8	37,049	15,648	42.2	1,189	791	65.7			
Iowa.....	675,222	469,778	69.6	442,128	321,966	72.8	212,946	139,325	65.4	16,142	5,928	36.7	3,866	2,495	64.5			
Missouri.....	903,998	646,866	65.1	798,833	538,506	67.4	135,293	78,296	57.9	18,083	7,189	39.8	41,682	22,794	54.7			
North Dakota.....	183,336	117,453	64.1	83,101	36,715	69.1	106,573	70,332	66.0	21,194	8,906	42.0	103	60	58.3			
South Dakota.....	183,939	122,642	66.7	82,253	57,773	70.2	87,273	58,049	66.5	8,312	3,314	39.9	184	122	66.3			
Nebraska.....	373,886	261,219	69.9	212,985	153,658	73.1	146,432	98,957	67.6	11,571	4,884	42.2	1,512	900	61.5			
Kansas.....	515,156	363,695	70.6	388,371	280,593	72.2	99,790	67,941	68.1	10,321	4,211	40.8	15,549	10,047	64.6			
SOUTH ATLANTIC:																		
Delaware.....	57,932	35,304	60.9	37,422	23,789	63.6	8,478	5,103	60.2	1,949	992	50.4	10,078	5,815	57.7			
Maryland.....	388,486	227,024	58.4	245,675	152,360	62.0	57,627	31,698	55.0	11,907	4,518	37.9	73,230	38,417	52.5			
District of Columbia.....	79,249	50,859	64.2	43,082	28,724	66.7	10,465	7,079	67.6	2,047	1,018	49.7	23,093	14,000	59.3			
Virginia.....	697,649	392,499	56.3	404,168	269,380	67.2	11,842	7,464	63.0	3,013	1,247	41.4	242,413	114,346	47.2			
West Virginia.....	396,818	259,971	65.5	355,322	238,897	67.2	14,401	9,063	63.1	8,887	2,138	25.1	18,481	9,806	53.1			
North Carolina.....	785,583	481,450	61.3	515,117	334,471	64.9	2,871	2,017	70.3	715	284	39.7	264,025	143,099	54.2			
South Carolina.....	564,260	291,307	51.6	229,204	137,474	60.0	2,943	1,834	62.3	555	203	36.9	331,429	151,726	45.8			
Georgia.....	925,865	490,378	51.9	477,530	289,880	60.7	7,209	4,627	64.2	1,596	664	41.6	439,483	185,191	42.1			
Florida.....	243,917	128,659	52.7	124,330	74,638	60.0	12,942	7,671	59.3	5,318	1,704	32.0	101,286	44,634	44.1			
EAST SOUTH CENTRAL:																		
Kentucky.....	755,709	461,195	61.0	644,497	401,209	62.3	27,178	15,148	55.7	1,953	756	38.7	81,976	44,000	53.7			
Tennessee.....	738,478	433,547	59.4	563,158	354,091	62.9	10,099	6,466	64.0	1,740	802	46.1	163,397	77,133	47.2			
Alabama.....	750,357	385,449	51.4	410,331	244,992	59.7	10,434	6,309	60.5	2,073	844	40.7	327,176	133,191	40.7			
Mississippi.....	644,805	388,072	60.2	265,767	191,530	72.1	5,032	3,266	64.9	1,187	339	28.6	372,331	192,826	51.8			
WEST SOUTH CENTRAL:																		
Arkansas.....	551,672	324,035	58.7	379,084	238,872	63.0	11,541	7,100	61.5	1,440	491	34.1	159,431	77,467	48.6			
Louisiana.....	575,866	248,420	43.1	287,134	158,758	55.3	28,118	14,516	51.6	5,649	1,991	28.2	254,530	78,478	30.9			
Oklahoma.....	566,323	333,816	67.8	454,481	311,274	68.5	31,134	21,486	69.0	3,368	1,443	42.8	48,718	31,033	63.8			
Texas.....	1,363,713	790,736	58.0	927,647	582,997	62.8	142,173	67,276	47.3	40,703	9,667	23.7	252,868	130,708	51.7			
MOUNTAIN:																		
Montana.....	93,771	60,678	64.7	44,453	30,075	67.7	38,017	26,305	69.2	7,382	2,334	34.3	300	184	61.3			
Idaho.....	96,819	66,779	69.0	67,046	47,213	70.4	25,835	18,066	70.5	2,998	1,040	34.7	89	50	55.8			
Wyoming.....	35,776	23,020	64.3	22,297	14,991	67.2	10,648	6,792	66.9	2,481	792	31.9	286	142	49.7			
Colorado.....	215,940	147,626	68.4	138,619	97,182	70.1	62,053	42,895	69.1	12,070	5,747	46.0	2,468	1,548	62.7			
New Mexico.....	105,403	64,342	61.0	85,375	55,644	65.2	8,903	5,525	62.3	3,426	1,118	32.6	363	214	59.0			
Arizona.....	56,897	30,355	53.4	23,167	15,468	66.8	14,712	8,436	57.3	7,658	2,704	35.3	416	251	60.3			
Utah.....	121,016	85,006	70.2	67,931	50,668	74.6	46,504	31,771	68.3	5,279	2,321	44.0	196	112	57.1			
Nevada.....	16,132	10,141	62.9	8,208	5,806	70.7	4,889	3,354	68.6	1,280	255	19.9	52	30	57.7			
PACIFIC:																		
Washington.....	293,478	198,259	67.5	165,137	114,415	69.3	102,201	69,148	67.7	20,605	9,662	44.0	906	515	56.8			
Oregon.....	173,386	117,078	66.8	118,379	81,625	69.0	45,947	30,583	66.6	8,414	3,147	37.4	198					

SCHOOL ATTENDANCE OF CHILDREN 6 TO 14 YEARS OF AGE, BY DIVISIONS AND STATES: 1910.

[Per cent not shown where base is less than 100.]

Table 14 DIVISION AND STATE.	NATIVE WHITE.														FOREIGN-BORN WHITE.		NEGRO.				
	ALL CLASSES.			Native parentage.						Foreign or mixed par.					Total number.		Attending school.		Total number.	Attending school.	
	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.				
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.	Number.	Per cent.	
United States	16,832,374	13,706,982	81.4	9,946,610	8,305,428	83.5	4,065,777	3,579,718	88.0	609,769	501,805	82.3	2,146,116	1,280,949	59.7						
GEOGRAPHIC DIVISIONS:																					
New England.....	1,020,848	938,171	91.9	403,222	373,507	92.6	519,533	478,982	92.2	88,455	76,948	87.0	9,206	5,364	58.2						
Middle Atlantic.....	3,165,510	2,797,524	88.4	1,578,462	1,404,049	88.9	1,266,615	1,120,437	88.5	264,651	225,873	85.3	54,161	45,867	84.7						
East North Central.....	3,113,033	2,774,423	89.1	1,360,669	1,272,919	89.5	1,020,472	909,619	89.1	116,344	98,066	84.3	41,344	35,566	86.0						
West North Central.....	2,147,408	1,878,360	87.5	1,360,189	1,192,904	87.7	691,303	610,439	88.3	50,379	40,212	79.8	36,222	28,774	79.4						
South Atlantic.....	2,604,537	1,829,989	70.3	1,551,023	1,188,906	76.7	78,516	63,769	81.2	14,581	10,474	71.8	955,261	565,475	59.2						
East South Central.....	1,813,364	1,273,522	70.2	1,187,774	899,526	75.7	29,219	24,543	84.0	3,107	2,188	70.4	592,615	347,050	58.6						
West South Central.....	1,929,188	1,336,748	69.3	1,300,466	979,378	75.3	132,312	87,600	66.2	25,272	10,681	42.3	451,767	245,121	54.3						
Mountain.....	455,409	372,062	81.7	289,596	240,737	83.1	128,490	109,796	85.5	15,023	13,344	74.0	2,379	1,982	83.3						
Pacific.....	586,371	506,153	86.3	345,269	298,502	86.5	199,227	174,533	87.5	28,957	23,992	82.9	3,161	2,750	87.0						
NEW ENGLAND:																					
Maine.....	117,355	104,674	89.2	74,927	67,677	90.3	35,202	31,124	88.4	6,885	5,578	81.0	183	166	90.7						
New Hampshire.....	65,827	60,045	91.2	31,840	29,343	92.2	28,574	26,075	91.3	3,322	4,558	85.5	74	62	83.8						
Vermont.....	57,413	53,342	92.9	39,305	36,576	93.1	15,048	14,036	93.3	5,236	2,463	46.9	129	113	87.6						
Massachusetts.....	519,454	452,429	92.9	168,704	158,385	93.9	297,757	277,139	93.1	47,506	41,941	88.1	5,223	4,806	92.0						
Rhode Island.....	85,276	75,760	88.8	24,851	22,652	91.2	48,908	43,543	89.0	10,136	8,356	82.4	1,323	1,160	87.7						
Connecticut.....	175,523	161,921	92.3	63,595	58,874	92.6	94,044	87,065	92.6	15,580	13,902	89.2	2,274	2,057	90.5						
MIDDLE ATLANTIC:																					
New York.....	1,423,729	1,281,770	90.0	582,370	523,379	89.9	666,592	604,208	90.6	158,927	140,297	88.3	14,456	12,596	87.1						
New Jersey.....	420,635	372,766	88.6	185,727	166,369	89.6	188,865	167,586	88.7	34,387	27,972	81.3	12,600	10,796	85.7						
Pennsylvania.....	1,321,152	1,142,994	86.5	810,365	714,101	88.1	411,158	348,648	84.8	72,337	57,604	79.6	27,105	22,475	82.9						
EAST NORTH CENTRAL:																					
Ohio.....	773,270	694,638	89.8	568,219	513,328	90.2	163,451	145,851	89.2	25,799	21,679	84.0	15,755	13,742	87.2						
Indiana.....	466,144	411,266	88.2	404,722	357,792	88.4	47,480	41,596	87.6	4,932	3,977	80.6	8,931	7,832	87.7						
Illinois.....	953,890	837,719	87.8	525,750	463,609	88.2	365,633	321,953	88.0	48,275	40,448	83.8	14,020	11,636	83.0						
Michigan.....	476,024	431,707	90.7	232,193	211,882	91.3	217,066	197,182	90.6	22,400	19,433	86.8	2,297	2,063	89.4						
Wisconsin.....	443,787	399,693	89.9	199,755	181,308	90.8	226,252	203,637	89.7	14,938	12,559	84.1	341	303	88.9						
WEST NORTH CENTRAL:																					
Minnesota.....	389,622	346,172	88.5	135,742	120,518	88.8	230,744	211,063	89.2	14,344	12,340	86.0	649	584	90.0						
Iowa.....	404,829	367,005	90.7	276,283	250,825	90.8	126,266	109,250	89.8	5,930	4,864	82.0	2,268	2,026	89.3						
Missouri.....	592,803	504,844	85.2	459,274	418,100	85.5	72,288	62,654	86.7	7,697	6,214	80.7	23,465	17,811	75.9						
North Dakota.....	114,294	92,223	80.7	34,807	28,790	82.7	68,653	55,430	81.5	9,623	6,878	70.0	56	43	76.8						
South Dakota.....	112,910	93,998	83.3	52,792	44,419	84.1	52,771	44,653	84.6	3,443	2,509	72.9	110	95	86.4						
Nebraska.....	223,284	201,329	90.2	132,454	119,323	90.1	84,554	76,807	90.8	4,668	3,974	85.1	819	720	87.9						
Kansas.....	309,366	272,789	88.2	238,837	210,929	88.3	56,697	50,519	89.1	4,474	3,433	76.7	8,855	7,493	84.6						
SOUTH ATLANTIC:																					
Delaware.....	34,489	28,257	81.9	22,425	18,704	83.4	5,188	4,329	83.4	701	532	75.9	6,172	4,689	76.0						
Maryland.....	235,868	189,245	80.2	150,708	125,551	83.3	34,699	27,774	80.0	5,210	3,936	75.5	45,233	31,908	70.7						
District of Columbia.....	44,719	38,775	86.7	24,796	21,767	87.8	6,080	5,392	88.7	905	782	86.4	12,910	10,807	83.7						
Virginia.....	440,920	301,067	68.3	278,208	203,703	73.2	7,355	5,882	80.0	1,410	1,006	71.3	153,527	90,367	58.7						
West Virginia.....	247,341	204,076	82.5	204,989	186,709	83.0	9,105	7,552	82.9	2,811	1,878	66.1	10,404	7,927	76.2						
North Carolina.....	498,561	357,412	71.7	325,555	246,294	75.7	1,802	1,514	84.0	330	214	64.8	169,034	108,200	64.0						
South Carolina.....	357,509	223,966	62.6	143,332	103,355	72.1	1,741	1,418	81.4	227	164	72.2	212,125	118,981	56.1						
Georgia.....	589,726	386,744	65.6	302,698	226,356	74.8	4,264	3,604	84.5	675	513	76.0	282,070	156,258	55.4						
Florida.....	152,394	100,507	66.0	78,321	56,467	72.1	8,252	6,304	76.1	2,282	1,446	63.5	63,486	36,278	57.1						
EAST SOUTH CENTRAL:																					
Kentucky.....	469,180	358,608	76.0	406,263	309,958	76.3	14,091	12,269	87.1	720	603	83.8	48,039	33,761	70.3						
Tennessee.....	455,703	328,474	72.1	351,218	264,147	75.2	5,723	4,787	83.6	782	617	78.9	97,927	58,895	60.1						
Alabama.....	477,048	291,340	61.1	260,867	182,725	70.0	6,418	5,012	78.1	998	701	70.2	208,548	102,813	49.3						
Mississippi.....	411,433	297,100	72.2	169,426	142,696	84.2	2,987	2,475	82.9	604	267	44.0	238,101	151,581	63.7						
WEST SOUTH CENTRAL:																					
Arkansas.....	345,282	244,938	70.1	238,328	178,097	74.7	6,787	5,503	81.2	687	382	55.8	99,383	57,872	58.2						
Louisiana.....	366,354	200,145	54.6	184,303	126,106	68.4	17,265	12,028	69.7	2,563	1,299	50.7	161,969	60,654	37.4						
Oklahoma.....	359,376	291,517	81.3	288,254	236,826	82.2	18,983	16,227	85.5	1,478	1,120	75.3	30,818	23,581	76.5						
Texas.....	858,170	603,148	70.2	589,581	438,349	74.3	89,286	53,812	60.3	20,547	7,880	38.4	159,597	103,014	64.5						
MOUNTAIN:																					
Montana.....	56,664	46,879	82.7	27,619	23,055	83.5	23,923	20,581	86.0	2,627	1,998	76.4	166	138	83.1						
Idaho.....	60,381	49,579	82.1	43,191	35,427	82.0	15,199	13,039	84.1	1,047	793	76.2	45	33	73.3						
Wyoming.....	21,061	17,793	84.5	13,560	11,507	84.9	6,143	5,278	85.9	881	673	76.4	137	116	84.7						
Colorado.....	129,855	112,568	86.7	84,634	73,083	86.4	37,779	33,407	88.4	5,619	4,591	81.7	1,429	1,220	85.4						
New Mexico.....	66,610	48,535	72.9	54,368	41,812	76.9	5,682	4,269	75.1	1,593	901	56.6	20	155	73.8						
Arizona.....	35,271	23,691	67.2	14,857	11,952	80.4	9,497	6,815	72.1	3,762	2,318	61.6	254	207	81.5						
Utah.....	76,152	65,214	85.6	46,139	39,387	85.4	27,040	23,777	87.9	2,245	1,874	83.5	506	366	81.1						
Nevada.....	12,833	8,332	64.9	4,514	3,263	72.3	2,927	2,600	88.8	249	191	76.7	32	27	84.4						
PACIFIC:																					
Washington.....	171,745	147,219	85.7	99,528	85,458	85.9	60,539	52,594	86.9	8,674	7,278	83.9	480	390	81.3						

SCHOOL ATTENDANCE.

SCHOOL ATTENDANCE OF URBAN AND RURAL POPULATION, BY AGE PERIODS, FOR DIVISIONS: 1910.

Table 15 DIVISION AND CLASS OF POPULATION.	PERSONS 6 TO 20 YEARS OF AGE.		PERSONS 21 TO 9 YEARS OF AGE.		PERSONS 10 TO 14 YEARS OF AGE.		PERSONS 15 TO 20 YEARS OF AGE.		OTHERS ATTENDING SCHOOL.						
	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Under 6 years of age.	21 years of age and over.				
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.			Number.	Per cent.		
UNITED STATES															
Urban, total.....	7,480,020	11,520,193	7,068,969	61.6	2,989,407	2,442,405	81.7	3,627,408	3,328,340	91.7	4,903,373	1,330,242	27.1	212,994	168,457
Male.....	3,200,074	5,641,266	4,969,019	61.6	1,496,269	1,222,433	81.7	1,798,218	1,649,907	91.8	2,346,779	623,709	29.1	106,546	97,479
Female.....	3,799,946	5,878,927	3,602,920	61.3	1,493,138	1,219,972	81.7	1,829,190	1,678,433	91.6	2,556,599	706,515	27.6	106,448	70,978
Native white.....	6,563,568	9,582,609	6,239,188	65.1	2,167,337	1,625,234	82.9	3,123,057	2,838,239	91.8	3,647,195	1,175,625	30.6	194,772	129,608
Native parentage.....	3,640,549	5,255,418	3,461,711	65.9	1,121,934	1,158,399	81.5	1,184,761	1,361,360	92.7	2,148,728	741,939	34.5	89,483	89,348
Foreign or mixed parentage.....	2,923,019	4,327,191	2,777,470	64.2	1,190,433	1,006,925	84.6	1,438,288	1,336,879	92.9	1,698,470	433,666	25.5	105,289	40,260
Foreign-born white.....	471,636	1,291,468	878,666	68.8	192,117	154,575	80.5	275,768	243,378	88.3	733,583	80,713	11.0	10,057	28,313
Negro.....	389,795	722,666	373,891	51.7	182,742	120,910	66.2	225,423	182,054	80.8	314,499	70,927	22.6	8,022	7,882
Rural, total.....	10,629,771	16,200,464	10,201,235	62.8	4,735,827	3,236,015	68.3	5,479,732	4,702,322	85.8	6,014,497	2,262,938	37.6	1,837,347	1,455,199
Male.....	5,337,581	8,283,428	5,165,797	62.4	2,400,018	1,634,147	68.1	2,803,535	2,386,198	85.1	3,079,975	1,145,452	37.2	90,026	81,758
Female.....	5,192,290	7,946,978	5,035,438	63.4	2,335,809	1,601,868	68.6	2,676,197	2,316,124	86.5	2,934,522	1,117,446	38.1	93,411	63,441
Native white.....	9,044,218	13,096,216	8,781,081	67.1	3,839,952	2,815,707	73.3	4,437,921	4,005,376	90.3	4,819,243	1,359,458	40.7	166,885	122,544
Native parentage.....	470,034	10,751,975	7,289,473	67.3	3,200,403	2,319,558	72.5	3,639,514	3,286,111	90.7	3,912,658	1,653,804	42.3	127,706	102,855
Foreign or mixed parentage.....	1,994,184	2,344,241	1,541,608	65.8	639,499	496,149	77.6	797,507	739,765	92.8	907,185	305,694	33.7	32,877	19,699
Foreign-born white.....	133,870	340,575	125,781	36.9	59,322	38,741	65.3	82,562	65,114	78.9	198,691	21,926	11.0	1,388	6,701
Negro.....	1,280,855	2,099,493	1,245,808	64.1	808,108	368,944	45.5	929,843	699,941	65.6	861,542	267,329	27.9	20,338	14,509
NEW ENGLAND.															
Urban, total.....	1,016,137	1,448,039	947,651	65.4	383,387	344,472	89.8	464,354	436,407	94.0	600,298	166,802	27.8	49,656	18,800
Male.....	507,107	717,866	471,389	65.7	192,762	173,405	90.0	231,526	217,969	94.2	236,578	79,985	27.2	24,802	10,916
Female.....	309,030	730,173	476,262	65.2	190,625	171,067	89.7	232,828	218,438	93.8	369,720	86,817	28.3	24,854	7,884
Native white.....	911,151	1,296,363	850,200	79.5	347,740	314,256	90.4	409,142	387,150	94.6	449,484	148,800	33.1	46,776	14,112
Native parentage.....	368,281	472,857	342,434	72.4	126,959	114,917	90.5	156,562	149,166	95.3	189,836	78,451	41.4	16,815	9,032
Foreign or mixed parentage.....	342,870	733,506	507,766	69.2	220,784	199,333	90.2	252,580	237,984	94.2	260,145	70,449	27.1	29,961	5,148
Foreign-born white.....	94,751	227,188	87,944	38.7	31,878	26,926	84.5	50,483	44,792	88.7	144,827	16,226	11.2	2,447	4,360
Negro.....	9,901	14,028	9,280	66.2	3,697	3,256	87.5	4,599	4,348	94.4	5,732	1,696	29.6	426	195
Rural, total.....	296,991	291,073	195,587	67.2	77,995	67,269	86.3	95,202	90,023	94.6	107,866	38,296	35.5	7,638	2,866
Male.....	140,038	145,218	98,627	68.6	39,521	34,110	86.3	49,009	46,214	94.3	56,688	18,303	32.3	3,817	1,994
Female.....	102,053	135,855	96,960	71.4	38,384	33,159	86.4	46,193	43,809	94.8	51,178	19,992	39.0	3,823	1,272
Native white.....	198,102	263,206	188,016	71.4	74,987	64,926	86.6	90,896	86,163	94.8	97,993	36,927	37.9	7,484	2,602
Native parentage.....	146,672	193,574	139,946	71.8	53,340	46,366	86.9	60,361	63,058	95.0	73,873	29,622	40.1	5,395	2,231
Foreign or mixed parentage.....	51,439	69,692	48,970	70.3	21,647	18,560	85.7	24,525	23,065	94.2	23,520	7,305	31.1	2,089	371
Foreign-born white.....	6,743	15,859	6,378	40.2	2,986	1,932	64.8	3,688	3,298	89.2	9,790	1,148	11.7	129	245
Negro.....	954	1,511	921	61.0	417	328	78.7	493	452	91.7	601	141	23.5	27	6
MIDDLE ATLANTIC.															
Urban, total.....	2,437,693	3,721,771	3,134,064	61.4	991,641	833,949	84.1	1,195,112	1,106,969	92.6	1,585,026	373,546	23.6	78,385	48,244
Male.....	1,216,165	1,838,648	1,150,843	62.5	496,356	418,483	84.3	594,779	553,066	93.0	757,242	179,394	23.7	39,533	25,819
Female.....	1,221,498	1,923,131	1,063,221	65.5	495,055	415,466	83.9	600,342	553,903	92.3	827,784	194,152	23.5	38,852	19,425
Native white.....	2,136,360	3,107,121	2,632,834	65.4	881,370	743,558	84.4	1,085,257	964,033	93.1	1,190,949	325,243	27.3	72,181	31,343
Native parentage.....	1,000,830	1,445,372	1,026,288	65.9	393,658	331,542	84.2	472,034	440,740	93.4	579,680	179,987	31.0	29,008	19,535
Foreign or mixed parentage.....	1,135,530	1,661,749	1,080,545	65.0	487,712	412,016	84.5	563,223	523,273	92.9	610,814	145,256	23.8	42,173	11,812
Foreign-born white.....	236,814	691,329	239,226	40.5	91,623	75,195	82.1	137,368	122,515	89.2	362,338	41,516	11.5	4,685	12,903
Negro.....	44,911	72,586	41,655	57.4	18,505	14,696	79.4	22,334	20,285	90.8	31,747	6,674	21.0	1,505	851
Rural, total.....	1,053,720	1,685,477	1,056,754	62.7	447,789	360,627	80.5	530,974	496,379	93.5	608,714	199,748	32.9	21,643	15,283
Male.....	595,687	817,802	536,356	65.6	236,731	182,509	80.5	271,217	254,047	93.7	319,854	99,800	31.2	10,643	8,728
Female.....	537,955	767,675	520,398	67.8	221,058	178,118	80.6	259,757	242,332	93.3	286,860	99,948	34.8	11,000	6,555
Native white.....	1,043,113	1,467,514	1,008,815	68.7	426,058	345,013	81.0	502,392	471,882	93.9	539,064	191,920	35.6	20,919	13,381
Native parentage.....	598,427	818,427	569,656	69.6	229,645	203,592	88.7	283,299	268,265	94.8	322,435	160,053	47.3	15,360	11,265
Foreign or mixed parentage.....	224,688	328,241	217,013	66.1	103,664	81,421	78.6	112,116	102,727	92.5	112,661	31,965	28.3	5,559	2,116
Foreign-born white.....	34,478	92,544	32,716	35.4	15,134	10,813	71.4	20,526	17,350	84.5	56,884	4,553	8.0	402	1,360
Negro.....	13,603	22,608	13,125	58.1	6,008	4,411	73.4	7,314	6,475	88.5	9,286	2,239	24.1	290	188
EAST NORTH CENTRAL.															
Urban, total.....	1,680,801	2,590,115	1,988,222	61.7	665,276	559,715	84.1	810,392	752,730	92.9	1,114,447	285,777	25.6	45,561	39,118
Male.....	837,958	1,276,471	792,930	62.1	332,002	280,428	84.2	402,663	375,507	93.3	540,806	136,965	25.3	21,993	23,035
Female.....	842,843	1,313,644	895,292	61.3	332,274	279,287	84.1	407,729	377,223	92.5	573,641	148,792	25.9	23,568	16,083
Native white.....	1,525,739	2,312,243	1,479,649	64.0	612,624	517,493	84.5	744,265	673,973	90.5	955,351	268,259	28.2	20,567	15,516
Native parentage.....	846,069	1,208,654	804,466	66.7	331,069	281,888	85.0	383,299	359,359	93.9	402,265	163,049	33.2	20,057	15,516
Foreign or mixed parentage.....	706,661	1,105,589	675,148	61.1	281,564	236,605	83.8	360,949	334,911	92.6	463,056	104,752	22.6	21,128	10,385
Foreign-born white.....	95,615	225,702	87,512	38.8	40,059	31,803	79.4	50,074	41,269	82.4	135,569	11,440	8.4	1,912	6,191
Negro.....	31,973	51,428	30,631	59.6	12,455	10,304	82.7	15,850	14,482	91.4	23,123	5,845	25.3	454	888
Rural, total.....	1,895,102	2,646,928	1,833,400	63.9	740,998	613,867	82.8	896,367	848,111	94.6	1,009,563	371,422	36.8	37,316	24,886
Male.....	967,946	1,358,618	935,449	68.9	376,919	311,802	82.7	458,515	433,764	94.6	523,284	189,883	36.3	18,440	14,017
Female.....	927,156	1,288,310	897,951	69.7	364,179	302,065	82.9	437,852	414,347	94.6	486,279	181,539	37.3	17,966	9,869
Native white.....	1,849,405	2,581,733	1,780,081	69.0	722,570	600,69									

SCHOOL ATTENDANCE OF URBAN AND RURAL POPULATION, BY AGE PERIODS, BY AGE PERIODS, FOR DIVISIONS: 1910—Continued.

Table 15—Continued.

DIVISION AND CLASS OF POPULATION.	Total number of persons attending school.	PERSONS 6 TO 20 YEARS OF AGE.		PERSONS 3 TO 9 YEARS OF AGE.		PERSONS 10 TO 14 YEARS OF AGE.		PERSONS 15 TO 20 YEARS OF AGE.		OTHERS ATTENDING SCHOOL.					
		Total number.	Per cent.	Total number.	Per cent.	Total number.	Per cent.	Total number.	Per cent.	Number.	Per cent.	Under 6 years of age and over.			
													Attending school.	Attending school.	Attending school.
SOUTH ATLANTIC.															
Urban, total.....	508,487	877,545	486,650	55.2	228,870	157,862	69.0	277,154	231,355	83.5	371,491	97,433	26.2	7,806	12,011
Male.....	242,450	410,231	231,836	55.5	113,830	77,806	68.3	135,475	111,446	82.3	170,549	42,554	24.9	3,750	6,564
Female.....	264,017	457,231	254,814	55.7	114,980	80,056	69.6	141,709	119,909	84.6	200,542	54,880	27.4	4,056	5,447
Native white.....	301,215	587,909	347,678	59.1	156,902	112,698	71.8	187,751	163,106	86.9	243,226	71,874	29.6	6,115	8,422
Native parentage.....	305,435	495,825	294,759	59.4	131,794	92,399	71.3	157,392	136,899	87.0	206,639	63,406	30.7	3,910	7,250
Foreign or mixed parentage.....	55,780	92,084	53,403	58.0	25,108	18,298	74.6	30,389	26,207	86.2	36,587	8,468	23.1	1,205	1,172
Foreign-born white.....	29,745	49,745	29,745	60.0	13,568	8,500	62.7	14,500	12,571	86.3	17,571	4,349	24.8	382	454
Negro.....	135,483	265,742	130,070	48.9	67,698	42,728	63.0	83,573	63,716	76.2	117,771	24,186	21.1	2,559	2,384
Rural, total.....	1,911,977	3,262,214	1,860,801	57.0	976,608	573,057	58.7	1,118,874	867,715	77.6	1,166,731	420,029	36.0	25,867	25,309
Male.....	955,370	1,644,278	928,827	56.5	493,188	287,543	58.3	571,080	434,045	75.9	571,400	207,239	35.3	12,638	12,638
Female.....	956,607	1,617,936	931,974	57.6	483,421	285,514	59.1	547,184	433,670	79.3	587,331	212,790	36.2	12,215	11,671
Native white.....	1,315,082	2,008,719	1,278,521	63.6	599,206	396,997	66.5	685,650	579,874	84.6	723,833	301,659	41.7	17,817	18,744
Native parentage.....	1,291,063	1,972,025	1,255,338	63.7	588,649	389,250	66.1	673,497	568,787	84.5	710,188	297,301	41.9	17,435	18,290
Foreign or mixed parentage.....	24,019	36,694	23,183	63.2	10,556	7,747	73.3	12,458	11,087	88.9	15,675	4,349	27.8	382	454
Foreign-born white.....	13,834	11,934	3,558	29.8	2,073	1,245	60.1	2,466	1,769	71.7	7,935	444	7.4	36	240
Negro.....	591,194	1,288,277	576,904	46.6	374,324	174,277	46.6	429,666	285,294	66.4	434,287	117,333	27.0	7,992	6,293
EAST SOUTH CENTRAL.															
Urban, total.....	263,742	445,707	254,486	57.1	114,096	78,860	70.0	140,297	120,454	85.9	191,314	54,172	28.3	3,993	5,283
Male.....	125,005	213,277	120,026	56.3	56,572	39,133	69.2	68,361	57,747	84.5	88,344	23,146	26.2	1,909	3,473
Female.....	138,737	232,430	134,460	57.8	57,524	40,727	70.8	71,936	62,707	87.2	102,970	31,026	30.1	2,093	2,814
Native white.....	187,252	297,894	181,054	60.8	77,883	57,150	73.4	94,506	84,706	89.6	125,905	39,108	31.2	2,323	3,675
Native parentage.....	166,222	262,656	160,689	61.2	70,144	51,657	73.8	83,374	74,585	89.5	109,128	35,047	32.1	2,206	3,327
Foreign or mixed parentage.....	21,030	35,238	20,365	57.8	7,739	6,003	78.7	11,132	10,121	90.9	16,307	4,121	25.4	317	248
Foreign-born white.....	2,086	4,513	1,891	41.9	773	571	73.9	1,123	932	83.0	2,617	388	14.8	39	165
Negro.....	74,376	143,233	71,519	49.9	35,433	22,136	62.5	44,646	34,504	78.0	63,154	14,579	23.1	1,440	1,417
Rural, total.....	1,466,449	2,443,642	1,418,777	58.1	729,925	427,966	58.6	829,046	645,247	77.8	884,671	345,569	39.1	26,559	21,113
Male.....	709,444	1,232,972	714,543	58.0	369,577	214,919	58.2	425,001	324,921	76.5	438,934	175,093	39.9	12,828	11,773
Female.....	727,005	1,210,670	704,934	58.1	360,348	213,047	59.1	404,045	320,326	79.3	445,737	170,566	38.2	13,731	9,340
Native white.....	1,076,521	1,638,620	1,041,967	63.6	492,401	316,051	64.6	552,203	404,162	74.1	593,908	259,744	43.7	18,082	16,782
Native parentage.....	1,065,631	1,624,097	1,031,333	63.6	474,943	314,829	64.5	546,310	459,855	84.0	568,941	257,629	45.3	17,933	16,568
Foreign or mixed parentage.....	11,190	17,505	10,824	61.8	4,455	3,122	70.1	5,893	5,207	88.4	7,157	2,495	34.9	149	217
Foreign-born white.....	967	2,440	850	34.8	522	272	52.1	689	413	59.9	1,229	165	13.4	10	77
Negro.....	388,412	801,647	375,711	46.9	236,706	109,565	46.3	275,830	180,545	65.6	289,111	85,601	29.6	8,453	4,248
WEST SOUTH CENTRAL.															
Urban, total.....	342,290	571,407	329,880	57.7	154,821	100,054	64.6	181,580	156,987	86.5	235,006	72,839	31.0	4,830	7,580
Male.....	164,501	274,307	157,927	57.6	77,403	49,341	64.0	92,194	76,258	85.5	107,720	32,128	29.8	2,269	4,305
Female.....	177,789	297,100	171,953	57.9	77,418	50,513	65.2	89,386	80,729	87.4	127,286	40,711	32.0	2,561	3,275
Native white.....	268,273	422,218	258,581	61.2	116,822	75,065	65.8	135,514	121,189	89.0	163,882	59,297	34.9	3,592	6,200
Native parentage.....	229,758	355,359	221,411	62.3	94,166	67,678	67.6	113,909	102,653	90.1	142,824	51,690	36.3	2,993	5,381
Foreign or mixed parentage.....	38,488	66,859	37,170	55.6	17,656	11,017	62.4	21,605	18,536	85.8	27,998	7,617	27.6	599	5,789
Foreign-born white.....	6,800	17,962	6,384	35.5	3,335	1,700	48.1	5,121	3,619	68.7	9,306	1,165	12.5	111	305
Negro.....	65,749	129,316	63,510	49.1	33,944	19,851	58.5	40,282	31,666	78.6	55,090	11,993	21.8	1,109	1,130
Rural, total.....	1,452,810	2,486,167	1,417,127	57.0	757,836	418,752	55.3	334,951	600,915	79.2	893,380	337,420	37.8	16,451	19,832
Male.....	735,882	1,259,903	717,138	56.9	384,095	210,648	54.8	426,425	333,834	78.3	449,383	172,656	38.4	7,932	10,122
Female.....	716,928	1,226,264	699,989	57.1	373,741	208,104	55.7	408,526	327,081	80.1	443,997	164,764	37.1	8,519	8,710
Native white.....	1,171,758	1,839,094	1,143,098	62.2	564,512	341,243	60.4	415,930	526,451	85.5	605,652	276,004	41.9	12,776	15,824
Native parentage.....	1,097,145	1,692,987	1,070,490	63.2	521,638	321,150	61.6	565,733	488,497	86.3	638,266	260,843	41.3	12,135	14,820
Foreign or mixed parentage.....	74,163	146,107	73,208	50.1	42,554	20,993	46.9	50,197	37,954	75.6	53,056	15,161	28.6	641	764
Foreign-born white.....	7,187	35,188	6,808	26.5	3,721	1,674	24.9	4,885	3,788	78.3	16,832	1,546	8.1	43	376
Negro.....	255,944	586,281	249,226	42.5	177,558	70,527	39.7	199,983	123,077	61.5	208,740	55,822	26.6	3,357	3,361
MOUNTAIN.															
Urban, total.....	173,546	246,337	165,789	67.3	66,329	52,269	78.8	78,053	72,996	93.5	101,955	40,524	39.7	2,995	4,762
Male.....	85,156	120,888	80,982	66.9	33,208	26,170	78.8	38,749	36,277	93.6	49,661	18,535	37.8	1,563	2,621
Female.....	88,390	125,449	84,807	67.7	33,121	26,099	78.8	39,304	36,719	93.4	52,294	21,989	41.5	1,432	2,091
Native white.....	164,025	226,849	156,933	69.2	62,471	49,474	79.2	72,999	68,692	94.0	91,379	38,337	42.5	2,590	4,242
Native parentage.....	162,077	198,171	97,569	70.1	39,554	31,075	78.6	44,343	41,021	93.9	55,274	24,813	44.9	1,862	2,906
Foreign or mixed parentage.....	61,948	87,678	39,244	67.8	22,917	18,399	80.3	28,656	27,001	94.2	35,105	14,024	38.8	1,188	1,336
Foreign-born white.....	3,316	15,718	3,973	25.3	2,936	1,231	41.6	3,973	3,430	86.3	4,807	1,214	25.3	3,590	4,438
Negro.....	1,890	2,966	1,830	61.1	782	601	76.9	910	839	92.2	1,274	330	28.8	42	28
Rural, total.....	331,645	495,417	322,158	65.0	149,470	101,601	68.3	161,557	143,226	88.7	184,390	75,331	40.9	4,373	5,114
Male.....	170,852	239,322	155,577	65.8	75,813	52,524	69.3	85,853	73,835	86.6	100,256	39,120	39.0	2,172	3,103
Female.....	160,793	235,895	166,581	66.7	73,657	51,077	69.3	75,704	69,293	91.7	84,134	36,211	43.0	2,201	2,011
Native white.....	311,703	441,108	303,268	67.7	135,950	98,134	72.2	146,666	134,303	87.6	158,892	70,821	44.7	3,064	4,381
Native parentage.....	225,075	317,925	219,538	69.1	100,193	71,854	71.7	105,506	96,187	91.2	112,230	51,497	45.9	3,075	4,062
Foreign or mixed parentage.....	86,428	123,183	83,730	68.0	35,756	26,840	75.0	41,150	38,116	92.6					

PRINCIPAL CITIES: 1909-10.

Statistics of school attendance in cities having 100,000 inhabitants or more in 1910 are given in Tables 16 and 17. Table 16 relates to the population 6 to 20 years of age and gives details by color or race, nativity, and parentage. A similar statement for cities having from 25,000 to 100,000 inhabitants is given in Table 18, pages 233 to 235. By reason of the peculiar interest which attaches to the population from 6 to 14 years of age—the ages of customary school attendance—statistics for this group are presented for the larger cities in Table 17, page 232.

In the larger cities the proportion of persons from 6 to 20 years of age attending school in 1909-10 ranged from 51 per cent in Richmond to 69.8 per cent in Cambridge. High percentages of school attendance (65 or over) are shown for Boston, Cambridge, Denver, Los Angeles, New Haven, Oakland, and Worcester, and comparatively low percentages (under 55) for Atlanta, Baltimore, Birmingham, Memphis, New Orleans, and Richmond. The fact that cities with a high percentage of school attendance are found almost entirely in the South is largely, but not wholly, explained by the large negro population in southern cities.

SCHOOL ATTENDANCE OF POPULATION 6 TO 20 YEARS OF AGE IN CITIES OF 100,000 INHABITANTS OR MORE: 1910.

[Per cent not shown where base is less than 100.]

CITY.	ALL CLASSES.		NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.				
	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.					
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.	Number.	Per cent.		
															Native parentage.		Foreign or mixed parentage.
Albany, N. Y.	23,794	14,816	62.3	13,553	8,948	66.0	8,498	5,115	60.2	1,521	625	41.1	220	128	58.2	
Atlanta, Ga.	43,981	23,537	54.3	25,788	14,749	57.6	1,977	1,266	64.0	1,583	253	44.3	14,530	6,963	47.6	
Baltimore, Md.	153,586	79,933	52.0	81,680	49,924	61.0	41,411	21,976	53.1	9,703	3,737	38.3	20,715	10,284	49.6	
Birmingham, Ala.	36,939	20,135	54.5	19,150	11,065	57.8	3,056	1,798	58.8	707	294	41.6	16,025	6,978	49.8	
Boston, Mass.	169,116	115,210	68.1	40,446	29,633	73.3	97,928	70,729	72.2	28,195	13,160	46.7	2,455	1,650	67.2	
Bridgetown, Conn.	26,938	16,262	60.4	7,355	4,958	67.4	14,118	9,449	66.9	5,200	1,688	32.5	264	167	63.3	
Buffalo, N. Y.	120,366	73,412	61.0	40,594	27,057	66.7	67,528	41,247	61.1	11,928	4,911	41.2	302	191	63.2	
Cambridge, Mass.	27,426	19,152	69.8	6,654	5,035	75.7	15,950	11,646	73.0	5,591	1,583	44.1	1,227	886	72.2	
Chicago, Ill.	594,012	349,037	58.8	129,847	87,234	67.4	368,343	224,172	60.9	88,444	33,068	37.3	7,226	4,243	58.7	
Cincinnati, Ohio.	83,618	55,474	50.3	55,631	34,597	62.0	30,104	16,730	55.6	4,528	1,884	41.6	3,932	2,961	57.2	
Cleveland, Ohio.	150,887	92,094	61.0	39,081	27,520	70.4	84,619	52,944	62.6	25,570	10,656	41.7	1,591	962	60.5	
Columbus, Ohio.	44,354	27,331	62.3	31,770	20,364	64.7	8,474	4,975	58.7	710	1,380	378	41.9	2,717	1,506	55.4
Dayton, Ohio.	28,726	17,024	61.4	20,290	12,976	64.0	6,043	3,487	57.7	1,406	821	37.0	1,022	800	66.8	
Denver, Colo.	51,958	34,537	66.5	37,775	19,012	68.5	13,962	13,294	66.6	3,116	1,549	49.7	1,044	645	61.8	
Detroit, Mich.	122,979	69,808	56.8	33,365	21,848	65.5	69,899	40,132	57.4	18,577	7,152	38.5	1,121	647	57.7	
Fall River, Mass.	36,235	22,819	63.0	5,124	3,883	75.8	22,802	15,351	67.3	8,236	3,543	43.0	64	40	62.5	
Grand Rapids, Mich.	30,138	19,141	63.5	10,975	7,422	67.2	15,262	10,387	68.1	2,780	1,262	45.4	119	69	58.0	
Indianapolis, Ind.	56,997	35,014	61.4	40,738	25,683	63.0	9,915	5,859	59.1	1,437	498	34.7	4,902	2,970	60.6	
Jersey City, N. J.	78,300	47,198	60.3	27,760	18,128	65.3	40,637	25,306	62.2	8,594	2,852	33.4	1,282	811	63.3	
Kansas City, Mo.	57,467	34,220	59.5	38,653	23,257	61.1	12,500	7,544	60.4	2,345	1,043	44.5	4,548	2,370	52.1	
Los Angeles, Cal.	69,036	44,935	65.2	38,826	26,211	67.5	21,514	14,359	66.7	6,287	3,073	48.7	1,738	1,100	63.3	
Louisville, Ky.	60,690	35,762	58.9	38,393	23,531	61.0	11,720	6,552	55.9	1,000	383	38.3	9,374	5,296	56.5	
Lowell, Mass.	28,570	17,603	61.6	5,287	3,908	73.9	17,156	11,634	67.6	6,055	2,047	33.8	29	13	45.5	
Memphis, Tenn.	32,462	17,169	52.9	16,161	9,744	60.3	2,952	1,798	61.0	722	278	38.5	12,617	5,343	42.3	
Milwaukee, Wis.	109,078	63,228	58.0	30,854	21,076	68.3	67,352	37,901	56.3	10,723	4,167	38.9	145	79	54.5	
Minneapolis, Minn.	75,611	48,655	64.3	25,669	17,939	69.9	42,371	27,382	64.6	7,152	3,047	42.6	406	270	66.5	
Nashville, Tenn.	31,803	18,191	57.2	19,315	11,506	59.6	1,670	1,036	62.0	286	158	55.2	10,531	5,491	52.1	
New Haven, Conn.	36,263	24,252	66.9	10,639	7,875	73.6	18,829	13,292	70.6	6,048	2,619	43.3	740	501	67.7	
New Orleans, La.	98,408	52,739	53.6	55,366	32,569	58.8	15,604	8,190	52.5	2,276	897	39.4	24,685	11,129	45.1	
New York, N. Y.	1,334,357	828,720	62.1	307,697	206,893	67.2	690,672	471,677	68.3	318,400	140,522	44.1	17,184	9,417	54.8	
Manhattan Borough	628,659	368,915	58.9	359,078	236,072	64.3	315,359	212,451	67.4	304,648	87,390	28.7	10,354	5,282	51.1	
Bronx Borough	163,838	89,938	54.9	87,633	47,539	54.3	70,615	48,823	69.1	25,320	7,502	29.6	1,520	814	53.5	
Brooklyn Borough	471,767	303,689	64.4	152,628	89,212	67.5	247,740	170,418	68.8	86,390	40,970	47.4	4,903	2,932	59.8	
Queens Borough	36,030	22,618	62.8	27,608	16,240	58.8	46,722	31,677	67.8	7,304	2,829	40.1	756	468	61.5	
Richmond Borough	25,089	17,611	70.2	9,372	7,439	74.6	12,266	8,808	72.6	2,655	1,067	40.0	370	184	68.2	
Newark, N. J.	97,544	61,916	63.5	30,348	20,460	67.4	48,836	32,846	67.3	16,256	7,283	44.8	2,087	1,318	63.2	
Oakland, Cal.	34,153	22,253	65.2	14,143	9,920	70.2	16,063	10,360	64.5	2,648	1,227	46.3	533	325	61.0	
Omaha, Neb.	31,281	20,085	64.2	13,887	9,321	67.1	14,324	9,208	64.7	2,317	1,054	45.5	741	434	58.6	
Paterson, N. J.	39,457	21,778	55.2	9,038	5,799	64.0	29,976	19,265	64.3	6,046	2,502	41.4	362	210	57.4	
Philadelphia, Pa.	410,243	237,333	57.9	171,550	105,029	61.2	169,244	101,647	60.1	52,370	21,291	40.7	16,999	9,323	54.8	
Pittsburgh, Pa.	146,699	85,777	58.5	55,570	35,536	63.9	68,814	41,049	59.7	16,600	5,813	35.0	5,605	3,368	60.1	
Portland, Ore.	43,272	29,146	67.4	22,914	14,933	65.2	15,854	9,704	61.6	4,027	1,630	41.2	122	64	52.5	
Providence, R. I.	57,559	35,309	61.3	15,302	10,583	69.2	30,169	19,940	66.1	10,863	3,990	36.7	1,177	743	63.1	
Richmond, Va.	35,271	17,986	51.0	20,012	11,205	56.0	1,939	1,104	56.9	446	212	47.5	12,873	5,465	42.5	
Rochester, N. Y.	54,998	33,732	61.4	22,223	14,891	67.0	25,363	15,624	61.6	7,227	3,129	43.3	176	105	59.7	
St. Louis, Mo.	181,402	101,320	55.9	44,669	26,588	59.3	65,495	34,944	53.4	12,275	4,856	39.6	8,907	4,897	55.0	
St. Paul, Minn.	58,946	37,187	63.1	18,708	12,986	69.3	35,262	21,922	62.2	4,408	1,957	43.8	496	319	64.3	
San Francisco, Cal.	85,358	50,128	58.7	30,481	18,973	62.2	43,664	26,569	60.8	8,746	3,524	40.3	244	112	45.9	
Seranton, Pa.	39,897	22,864	57.3	13,686	8,929	65.2	21,712	12,619	58.1	3,855	1,338	34.7	143	87	60.8	
Seattle, Wash.	49,294	31,099	63.1	29,919	15,957	66.7	16,586	12,667	64.7	4,846	2,062	42.6	281	157	55.9	
Spokane, Wash.	24,159	15,253	63.2	14,699	9,069	65.0	8,324	5,374	64.6	1,655	696	42.1	124	79	63.7	
Syracuse, N. Y.	34,171	21,131	61.8	19,101	10,720	66.6	14,336	9,014	62.9	3,516	1,265	36.0	214	131	61.2	
Toledo, Ohio.	45,314	28,198	62.2	22,156	15,030	67.8	19,837	11,729	59.1	2,962	1,218	41.1	350	215	61.4	
Washington, D. C.	79,249	50,859	64.2	43,082	28,724	66.7	21,712	12,619	58.1	2,047	1,018	49.7	23,543	14,000	59.3	
Worcester, Mass.	35,277	24,928	65.1	10,718	7,752	72.3	21,711	14,695	67.7	5,362	2,292	41.2	282	183	65.6	

For children from 6 to 14 years of age the percentage attending school is generally high. For the principal cities the range of variation was from 74.4 in Richmond and Birmingham to 95.2 in Cambridge. Among the 50 cities having 100,000 inhabitants or more there are 21 in which 90 per cent or over of the children from

6 to 14 years of age were reported as attending school. Exceptionally high percentages (92 and over) are shown for Boston, Bridgeport, Cambridge, New Haven, and Omaha, while low percentages (less than 80) are noted in Atlanta, Baltimore, Birmingham, Memphis, Nashville, New Orleans, and Richmond.

SCHOOL ATTENDANCE OF CHILDREN 6 TO 14 YEARS OF AGE IN CITIES OF 100,000 INHABITANTS OR MORE: 1910.

[Per cent not shown where base is less than 100.]

CITY.	ALL CLASSES.		NATIVE WHITE.						FOREIGN-BORN WHITE.				NEGRO.			
	Total number	Attending school.		Native parentage.			Foreign or mixed parentage.			Attending school.		Total number.	Attending school.			
		Number.	Per cent.	Total number.	Number.	Per cent.	Total number.	Number.	Per cent.	Total number.	Number.		Per cent.	Total number.	Number.	Per cent.
Albany, N. Y.	13,380	11,824	88.4	7,966	7,063	88.7	4,671	4,124	88.3	617	524	84.9	125	113	90.4	
Atlanta, Ga.	24,099	18,486	76.7	14,661	11,620	79.3	1,160	974	84.0	265	206	77.7	8,611	5,685	71.0	
Baltimore, Md.	87,891	68,218	77.6	47,294	36,895	78.0	24,985	19,540	78.2	4,339	3,267	75.3	11,265	8,509	75.5	
Birmingham, Ala.	21,539	16,019	74.4	11,350	8,488	74.8	1,878	1,470	78.3	3,229	234	72.2	7,982	5,807	72.8	
Boston, Mass.	100,550	84,234	83.7	24,514	22,994	93.8	65,620	60,601	92.3	10,965	9,873	90.0	1,430	1,337	93.5	
Bridgeport, Conn.	15,299	14,123	92.3	4,361	4,058	93.1	9,116	8,448	92.7	1,690	1,476	88.9	162	141	87.0	
Buffalo, N. Y.	69,405	60,813	87.6	24,041	21,652	90.1	40,452	35,333	87.6	4,730	3,966	83.8	176	157	89.2	
Cambridge, Mass.	16,302	15,718	96.2	4,021	3,818	95.0	10,326	9,918	96.0	1,301	1,265	97.2	752	715	95.1	
Chicago, Ill.	336,808	296,766	88.1	79,064	70,540	89.2	219,774	193,994	88.3	34,078	28,760	84.4	3,840	3,424	89.2	
Cincinnati, Ohio.	50,425	45,685	90.6	31,462	28,593	90.9	15,110	13,718	90.8	1,826	1,565	85.7	2,024	1,807	89.3	
Cleveland, Ohio.	86,513	78,595	90.8	23,915	22,285	93.2	51,073	46,160	90.4	5,675	9,366	87.7	738	775	92.5	
Columbus, Ohio.	24,086	21,531	89.4	17,441	15,892	91.2	4,445	3,934	88.5	1,697	4,891	81.9	1,396	1,210	86.7	
Dayton, Ohio.	15,959	14,377	90.1	11,586	10,483	90.5	3,265	2,946	90.2	2,517	462	83.8	556	486	87.4	
Denver, Colo.	29,307	26,457	90.3	15,905	14,242	89.5	11,380	10,357	91.4	4,441	1,283	90.5	579	513	88.6	
Detroit, Mich.	68,947	59,575	86.5	19,785	17,844	89.2	41,034	35,025	85.4	7,405	6,162	83.2	615	536	87.2	
Fall River, Mass.	21,709	19,915	91.8	3,388	3,242	95.7	15,202	13,923	91.6	3,071	2,713	88.3	37	36	.....
Grand Rapids, Mich.	17,100	15,585	91.0	6,365	5,651	88.8	9,447	8,593	91.0	1,222	1,082	88.5	65	58	.....
Indianapolis, Ind.	31,936	29,008	91.0	29,308	21,220	90.8	8,350	4,867	91.0	3,177	422	83.4	2,759	2,496	90.5	
Jersey City, N. J.	47,024	40,556	86.2	17,688	15,348	86.8	25,454	21,997	86.4	1,207	2,536	81.6	774	674	87.1	
Kansas City, Mo.	30,571	26,572	86.9	20,504	17,822	86.9	6,765	5,952	88.0	1,044	884	84.7	2,251	1,910	84.9	
Los Angeles, Cal.	37,189	33,701	90.6	21,179	19,167	90.5	12,076	11,075	91.7	2,820	2,455	87.1	933	868	93.0	
Louisville, Ky.	33,689	29,701	88.2	22,321	19,704	88.3	6,104	5,452	89.3	3,602	305	84.3	4,902	4,240	86.5	
Lowell, Mass.	16,119	14,720	91.3	3,235	3,024	93.5	10,966	10,654	91.7	1,369	1,432	85.6	12	10	.....
Memphis, Tenn.	17,444	13,372	76.7	9,093	7,453	82.1	1,609	1,302	84.6	6,286	296	72.5	6,440	4,317	67.0	
Milwaukee, Wis.	62,112	54,165	87.2	18,851	16,968	90.1	38,670	35,389	86.3	4,517	3,724	82.4	72	58	.....
Minneapolis, Minn.	40,014	35,912	89.7	14,184	12,621	89.0	22,878	20,686	90.4	2,722	2,405	88.4	225	197	87.6	
Nashville, Tenn.	17,657	13,730	77.8	11,081	8,753	79.1	901	770	84.4	136	109	80.1	5,538	4,098	74.0	
New Haven, Conn.	21,724	20,466	94.2	6,325	6,172	94.6	12,315	11,654	94.6	2,449	2,230	91.3	436	400	91.7	
New Orleans, La.	57,061	44,377	77.0	34,014	27,338	80.4	8,633	6,835	79.2	1,009	746	73.9	13,990	9,446	67.5	
New York, N. Y.	770,337	698,015	90.6	188,327	170,209	90.4	446,143	407,354	91.3	126,580	112,532	88.9	8,864	7,783	87.8	
Manhattan Borough	433,730	398,682	91.9	67,406	60,837	88.6	263,212	184,096	90.6	75,051	65,235	83.4	4,893	4,447	87.0	
Bronx Borough	74,875	68,212	91.1	22,603	20,437	90.5	44,854	41,141	91.7	6,897	6,163	89.2	512	455	89.5	
Brooklyn Borough	382,610	287,235	91.0	81,367	73,678	90.6	160,686	147,559	91.7	37,842	33,814	89.4	2,764	2,441	88.3	
Queens Borough	62,923	49,191	78.2	20,445	19,109	89.4	29,310	27,238	92.9	2,739	2,183	87.0	418	382	91.4	
Richmond Borough	16,849	14,786	87.8	6,497	6,072	89.5	5,181	7,680	93.9	891	882	89.0	177	153	86.5	
Newark, N. J.	57,529	52,885	91.9	18,534	16,981	91.6	30,963	28,678	92.6	6,537	6,138	89.8	1,184	1,076	90.9	
Oakland, Cal.	18,552	16,827	88.8	8,371	7,419	88.6	8,819	7,890	89.5	1,145	1,007	87.9	280	247	88.2	
Omaha, Neb.	16,817	15,624	92.9	7,038	7,023	92.3	7,838	7,373	94.1	986	883	89.6	382	345	89.8	
Paterson, N. J.	21,415	19,204	90.1	5,566	4,976	89.4	15,103	11,908	90.9	2,000	2,017	87.8	217	192	88.5	
Philadelphia, Pa.	237,900	205,009	86.2	100,957	87,959	87.1	104,892	90,244	86.0	22,413	18,727	83.6	6,604	8,051	83.8	
Pittsburgh, Pa.	84,821	72,316	85.3	33,588	29,001	86.3	41,799	35,537	85.0	6,054	4,941	81.6	3,371	2,833	84.0	
Portland, Ore.	22,255	19,084	85.8	12,149	10,382	85.5	8,291	7,231	87.2	1,611	1,328	82.4	63	48	.....
Providence, R. I.	33,114	25,550	77.2	9,053	8,247	91.1	19,381	17,353	89.5	3,968	3,310	83.6	679	603	88.8	
Richmond, Va.	19,510	14,562	74.4	11,343	8,983	79.2	1,688	892	82.0	2,022	173	85.5	6,927	4,514	65.2	
Rochester, N. Y.	39,312	37,859	96.3	12,851	11,871	92.4	14,468	13,306	92.0	2,895	2,591	89.5	96	90	.....
St. Louis, Mo.	99,905	85,421	85.5	55,384	47,575	85.9	34,513	29,606	85.8	5,251	4,272	81.4	4,725	3,941	83.4	
St. Paul, Minn.	31,486	28,571	91.0	10,784	9,769	90.6	18,446	17,234	92.4	1,809	1,624	89.9	261	243	93.1	
San Francisco, Cal.	44,633	38,659	86.6	17,035	14,030	82.2	22,419	20,008	88.9	3,324	2,813	84.6	108	87	80.6	
Scranton, Pa.	23,398	19,625	83.4	8,545	7,237	85.9	13,220	10,958	82.9	1,953	1,157	74.5	80	73	.....
Seattle, Wash.	26,432	22,589	85.5	13,373	11,462	85.7	10,801	9,285	86.0	1,588	1,606	82.0	153	127	83.0	
Spokane, Wash.	13,513	11,363	84.1	8,111	6,765	83.4	4,636	3,985	86.0	696	553	79.5	61	54	.....
Syracuse, N. Y.	19,146	16,857	87.9	9,180	8,074	87.9	8,624	7,627	88.4	1,255	1,046	83.3	126	111	88.9	
Toledo, Ohio.	25,952	23,499	90.5	13,069	12,151	92.9	11,390	10,086	88.6	1,285	1,085	84.4	101	173	90.6	
Washington, D. C.	44,718	38,775	86.7	24,796	21,737	87.8	6,060	5,392	88.7	905	782	86.4	12,910	10,807	83.7	
Worcester, Mass.	22,518	20,422	91.5	6,388	5,917	92.6	15,711	15,513	91.3	2,011	1,860	89.5	170	159	93.5	

SCHOOL ATTENDANCE.

SCHOOL ATTENDANCE OF POPULATION 6 TO 20 YEARS OF AGE IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910.

[Per cent not shown where base is less than 100.]

CITY.	ALL CLASSES.			NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.				
	Total number.	Attending school.		Native parentage.			Foreign or mixed parentage.			Total number.	Attending school.		Total number.	Attending school.			
		Number.	Per cent.	Total number.	Number.	Per cent.	Total number.	Number.	Per cent.		Total number.	Number.		Per cent.	Total number.	Number.	Per cent.
Alabama																	
Mobile.....	14,097	8,083	57.3	6,756	4,453	65.9	1,114	689	61.8	198	88	44.4	6,027	2,853	47.3		
Montgomery.....	10,760	5,288	49.1	4,792	2,423	50.6	377	214	56.8	70	26		5,518	2,624	47.6		
Arkansas																	
Little Rock.....	12,016	7,134	59.4	6,760	4,280	63.3	1,238	731	59.0	103	38	36.9	3,912	2,085	53.3		
California																	
Berkeley.....	10,050	7,466	74.3	5,222	4,139	79.3	3,932	2,823	71.8	596	341	57.2	69	43	.....	
Pasadena.....	6,621	4,814	72.7	4,521	3,440	76.1	1,621	1,117	68.9	288	138	47.9	159	111	69.8		
Sacramento.....	9,381	5,485	58.5	5,274	3,272	62.0	3,050	1,740	57.0	624	245	39.3	103	49	47.6		
San Diego.....	8,552	5,890	67.9	5,129	3,565	69.5	2,539	1,788	70.3	722	355	49.2	113	68	60.2		
San Jose.....	6,868	4,776	69.5	3,558	2,558	71.9	2,733	1,931	70.7	481	231	48.0	23	14	.....	
Colorado																	
Colorado Springs.....	7,255	5,214	71.9	5,319	3,852	72.4	1,502	1,079	71.8	164	89	54.3	266	194	72.9		
Pueblo.....	10,887	7,050	64.8	6,315	4,222	66.9	3,243	2,285	70.5	990	347	35.1	331	196	59.2		
Connecticut																	
Hartford.....	25,039	17,134	68.4	7,805	5,731	73.4	12,678	9,175	72.4	4,111	1,908	46.4	441	317	71.9		
Meriden town.....	9,312	6,174	66.3	2,907	1,929	74.0	5,738	3,807	66.3	969	389	42.8	58	49	.....	
Meriden city.....	7,861	5,223	66.5	2,190	1,680	77.0	4,792	3,303	68.8	811	561	69.3	65	49	.....	
New Britain.....	12,305	7,783	63.3	2,689	2,020	75.1	6,877	4,929	71.7	2,709	816	30.1	30	18	.....	
Norwich town.....	7,651	5,019	65.6	2,431	1,819	74.8	3,819	2,599	68.1	1,257	462	36.8	158	106	67.1		
Stamford town.....	7,602	4,827	63.5	2,668	1,840	69.0	3,611	2,443	67.7	1,258	506	40.2	67	38	.....	
Stamford city.....	7,674	4,277	55.7	2,227	1,543	69.3	3,500	2,211	63.1	1,189	482	40.6	65	38	.....	
Waterbury.....	20,388	13,471	66.1	5,555	3,943	71.0	11,298	8,113	71.8	3,358	1,300	38.7	175	114	65.1		
Delaware																	
Wilmington.....	23,202	13,404	57.8	12,593	7,648	60.7	6,696	3,940	58.8	1,586	440	27.7	2,326	1,375	59.1		
Florida																	
Jacksonville.....	14,497	7,643	52.7	5,749	3,133	54.5	907	546	60.2	259	90	34.7	7,571	3,894	51.0		
Tampa.....	10,678	5,598	52.4	3,324	2,017	60.7	2,739	1,690	61.7	2,300	720	31.3	2,313	1,171	50.6		
Georgia																	
Augusta.....	11,317	5,927	52.4	5,667	3,277	57.8	390	258	66.2	76	31	.....	5,179	2,358	45.5	
Macon.....	11,854	6,067	51.4	6,165	3,483	56.5	262	191	72.9	81	29	.....	5,346	2,394	44.8	
Savannah.....	17,399	9,084	52.2	6,607	3,984	60.3	1,748	1,071	61.3	352	158	44.9	8,692	3,871	44.5		
Illinois																	
Aurora.....	7,817	4,517	57.8	3,545	2,324	65.6	3,633	2,201	55.6	559	127	22.7	80	45	.....	
Bloomington.....	6,576	4,269	64.9	4,033	2,805	69.6	2,156	1,264	58.6	189	76	42.2	207	124	59.9		
Danville.....	7,529	4,963	66.2	5,698	3,896	68.4	1,423	854	60.0	81	33	.....	327	200	61.2	
Decatur.....	8,372	5,199	62.1	6,374	4,054	63.6	1,618	942	58.2	193	96	49.7	187	107	57.2		
East St. Louis.....	15,349	8,519	55.5	9,735	5,741	59.0	3,146	1,746	55.5	1,086	308	28.4	1,382	724	52.4		
Elgin.....	6,578	4,274	65.0	2,831	2,076	70.8	3,321	2,049	61.7	290	129	44.1	36	21	.....	
Joliet.....	9,507	5,863	61.7	3,414	2,363	69.2	4,945	3,099	62.7	1,041	333	32.0	107	68	63.6		
Peoria.....	16,651	10,124	60.8	10,556	6,611	62.6	5,174	3,080	59.5	484	193	39.9	336	180	53.6		
Quincy.....	9,727	5,729	58.9	6,730	4,223	62.7	2,545	1,277	50.2	677	22	.....	383	297	77.5	
Rockford.....	11,885	7,029	59.1	4,354	2,916	67.0	6,229	3,669	59.5	1,274	384	30.1	37	21	.....	
Springfield.....	13,578	8,064	59.4	8,413	5,189	61.7	3,796	2,119	55.9	680	302	47.9	743	452	60.8		
Indiana																	
Evansville.....	18,985	10,628	56.0	14,256	8,204	57.5	3,034	1,496	49.3	97	25	.....	1,598	903	56.5	
Fort Wayne.....	17,548	10,582	60.3	11,826	7,473	63.2	5,189	2,822	55.0	407	174	42.8	125	80	64.0		
South Bend.....	14,679	8,114	55.3	6,256	3,895	62.3	6,573	3,493	53.1	1,700	637	37.5	126	76	60.3		
Terre Haute.....	15,339	9,500	61.1	12,626	7,863	62.3	2,046	1,196	58.5	211	77	36.5	656	364	55.5		
Iowa																	
Cedar Rapids.....	8,763	5,583	63.7	5,051	3,425	67.8	3,221	1,929	59.9	450	203	45.1	41	29	.....	
Bloomington.....	6,900	4,649	67.4	5,941	3,576	72.7	77	961	1,926	62.9	189	69	36.5	109	78	71.6	
Council Bluffs.....	8,163	5,344	66.6	5,267	3,637	69.1	2,560	1,671	65.3	267	87	32.6	62	39	.....	
Davenport.....	11,349	7,117	62.7	6,175	4,241	68.7	4,720	2,668	56.5	319	120	37.6	135	88	65.2		
Des Moines.....	22,300	14,633	65.6	14,830	10,069	67.9	5,924	3,788	63.9	878	378	43.2	670	398	59.4		
Dubuque.....	10,531	6,598	62.7	6,260	4,225	67.5	4,038	2,260	56.5	215	97	44.7	17	14	.....	
Sioux City.....	12,889	7,893	61.2	6,548	4,289	65.5	5,213	3,172	60.8	1,068	385	36.3	68	47	.....	
Waterloo.....	6,342	4,475	65.4	5,184	3,532	68.1	1,447	884	61.1	208	57	27.4	3	2	.....	
Kansas																	
Kansas City.....	22,923	13,924	60.7	14,330	9,035	63.0	5,180	3,113	60.1	1,022	275	26.6	2,371	1,407	63.1		
Topeka.....	11,198	6,829	61.0	7,410	4,611	62.8	2,172	1,256	57.8	351	130	37.0	1,202	791	62.7		
Wichita.....	13,991	8,490	62.5	11,293	7,177	63.6	1,421	873	61.4	219	80	36.5	655	358	54.7		
Kentucky																	
Covington.....	14,764	8,448	57.2	10,713	6,382	59.6	3,962	1,694	50.4	55	24	.....	633	348	55.0	
Lexington.....	8,649	5,669	64.9	5,478	3,761	68.7	4,029	2,122	66.5	61	28	.....	2,696	1,546	57.3	
Newport.....	8,498	4,669	54.9	5,889	3,367	57.2	2,221	1,107	49.8	234	111	47.4	154	84	54.5		
Louisiana																	
Shreveport.....	7,626	4,186	54.9	3,030	1,936	63.9	412	279	67.7	109	45	41.3	4,074	1,926	47.3		
Maine																	
Lewiston.....	7,725	4,269	55.3	2,112	1,444	68.4	3,716	2,239	60.3	1,383	580	30.8	14	6	.....	
Portland.....	15,831	9,500	60.7	6,787	4,796	70.7	5,640	4,114	72.9	1,837	543	30.6	65	46	.....	

SCHOOL ATTENDANCE OF POPULATION 6 TO 20 YEARS OF AGE IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Continued.

[Per cent not shown where base is less than 100.]

CITY.	ALL CLASSES.		NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.			
			Native parentage.			Foreign or mixed parentage.			Total number.		Attending school.	Total number.		Attending school.	
	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
Massachusetts															
Brockton.....	14,505	9,793	67.5	5,675	4,004	70.6	6,920	4,986	72.1	1,754	704	40.1	155	99	63.9
Brockton town.....	5,766	4,220	73.2	2,452	2,013	82.1	2,709	2,078	76.7	783	118	20.2	21	11	.....
Chelsea.....	9,007	5,678	63.0	1,646	1,073	65.2	4,689	3,244	69.2	2,599	1,316	50.6	69	41	.....
Chicopee.....	7,630	4,738	62.0	1,538	1,199	78.5	4,332	2,899	66.9	1,727	530	30.7	3	.....	.....
Everett.....	9,243	6,516	70.5	2,607	1,854	71.1	5,367	4,024	73.6	1,912	434	22.6	255	204	80.0
Fitchburg.....	10,648	6,760	63.5	2,538	1,850	72.9	6,215	4,275	68.8	1,888	631	33.4	5	4	.....
Haverhill.....	11,201	7,569	67.6	4,526	3,217	71.1	5,123	3,720	72.6	1,456	565	38.8	95	67	.....
Holyoke.....	17,907	10,742	60.0	3,134	2,373	72.5	11,294	7,236	64.1	3,462	1,225	35.4	14	7	.....
Lawrence.....	23,520	14,063	59.8	3,892	2,636	73.4	12,906	8,628	66.9	6,976	2,772	39.7	45	26	.....
Lynn.....	21,328	13,781	64.6	7,271	5,080	69.9	10,348	7,171	69.3	3,509	1,417	40.4	189	112	59.3
Malden.....	12,296	8,642	70.3	3,363	2,478	73.7	7,188	5,310	73.9	1,400	750	46.9	144	104	72.2
New Bedford.....	26,784	15,300	57.1	4,233	2,913	68.8	14,136	9,063	64.1	7,720	2,931	37.8	83	650	80.0
Newton.....	10,255	7,700	75.1	3,939	3,379	85.8	4,968	3,856	77.6	1,233	390	31.6	111	73	65.8
Pittsfield.....	8,067	5,230	64.8	4,031	2,814	69.8	3,254	2,077	63.8	709	289	40.8	73	50	.....
Quincy.....	9,096	6,380	70.1	2,403	1,872	77.9	5,429	3,919	72.2	1,251	585	46.8	11	4	.....
Salem.....	11,823	7,881	66.6	3,573	2,734	76.5	6,302	4,428	70.3	1,915	696	36.3	33	19	.....
Somerville.....	18,993	13,923	73.3	6,639	5,086	76.6	10,611	8,039	75.8	1,675	750	44.8	67	48	.....
Springfield.....	22,158	15,182	68.5	8,609	6,294	73.1	10,184	7,324	71.9	3,003	1,299	43.3	353	258	73.1
Taunton.....	8,991	5,507	61.3	3,222	2,212	68.7	4,491	2,876	64.0	1,203	370	30.8	75	49	.....
Waltham.....	7,309	5,052	69.7	2,526	1,917	75.9	3,991	2,839	71.1	764	315	41.2	25	20	.....
Michigan															
Battle Creek.....	5,841	3,955	67.7	4,337	2,993	69.0	1,118	768	68.7	279	125	44.8	107	69	64.5
Bay City.....	13,696	8,969	64.8	4,007	3,035	75.7	8,963	5,430	60.6	694	383	55.2	29	18	.....
Flint.....	8,871	4,739	53.4	5,368	3,049	56.8	2,720	1,378	50.7	677	255	37.7	106	57	53.9
Jackson.....	7,249	4,691	64.6	4,113	3,113	67.4	2,347	1,423	60.7	316	123	38.9	70	37	.....
Kalamazoo.....	9,580	6,067	63.3	3,340	3,057	65.7	3,268	2,000	61.0	814	404	49.6	156	96	61.5
Lansing.....	7,983	4,877	61.1	5,162	3,160	61.2	2,332	1,487	63.8	403	157	39.0	91	73	.....
Saginaw.....	13,619	8,771	64.4	5,420	3,788	69.9	7,579	4,550	61.7	738	398	52.9	61	34	.....
Minnesota															
Duluth.....	20,615	13,016	63.1	3,966	2,656	67.0	13,771	9,228	67.0	2,812	1,090	38.8	60	38	.....
Missouri															
Joplin.....	8,947	5,900	65.9	8,207	5,429	66.2	518	350	67.6	35	22	.....	187	99	52.9
St. Joseph.....	20,239	12,375	61.0	14,433	8,995	62.2	4,117	2,507	60.9	730	309	42.3	618	345	56.3
Springfield.....	10,127	6,361	62.8	8,599	5,469	63.6	869	538	61.9	35	3	.....	.....	.....	.....
Montana															
Butte.....	8,761	6,187	70.6	2,775	2,069	74.6	5,269	3,784	71.8	850	294	45.2	39	27	.....
Nebraska															
Lincoln.....	11,049	7,675	69.5	6,783	4,935	72.8	2,965	2,038	68.7	1,137	596	52.4	158	100	63.3
South Omaha.....	7,879	4,659	59.1	2,853	1,840	64.5	3,978	2,419	60.8	882	308	34.9	161	91	56.5
New Hampshire															
Manchester.....	21,059	11,717	55.6	4,105	2,861	69.7	10,781	6,964	64.6	6,165	1,888	30.6	8	4	.....
Nashua.....	7,469	4,470	60.2	2,028	1,514	74.7	3,637	2,473	67.6	1,744	483	27.7	.....	.....	.....
New Jersey															
Atlantic City.....	10,391	5,945	57.8	5,532	3,275	59.2	2,247	1,527	68.1	750	311	41.5	1,661	832	50.1
Bayonne.....	16,837	10,939	64.7	3,808	2,584	68.0	10,011	7,049	70.4	2,916	1,193	40.9	129	82	63.6
Camden.....	25,637	14,532	56.7	13,915	8,195	58.9	9,380	4,822	51.5	1,865	646	34.6	1,467	865	59.0
East Orange.....	8,199	5,567	67.9	4,617	3,451	74.7	2,462	1,685	68.4	632	155	24.5	455	276	56.9
Elizabeth.....	20,499	12,387	60.4	6,757	4,543	67.2	10,317	6,498	62.9	3,047	1,152	37.8	378	206	54.5
Hoboken.....	20,343	12,201	60.0	5,101	3,350	65.7	11,637	7,524	64.7	3,277	1,305	39.9	33	22	.....
Orange.....	8,172	5,303	64.9	2,729	1,868	68.4	3,956	2,729	69.0	908	328	36.1	578	378	65.4
Passaic.....	17,887	8,297	46.9	2,392	1,717	71.8	7,393	4,918	66.5	7,770	1,594	20.5	132	68	51.5
Perth Amboy.....	9,503	5,694	59.9	1,582	1,096	69.3	5,639	3,826	67.8	2,232	732	33.2	40	20	.....
Trenton.....	26,495	16,469	61.9	10,866	7,244	66.1	11,278	7,477	66.3	3,752	1,395	37.1	486	293	60.3
West Hoboken town.....	10,558	5,633	53.4	2,709	1,594	58.8	6,067	3,328	55.2	1,765	686	38.9	10	4	.....
New York															
Amsterdam.....	8,235	4,477	54.4	2,771	1,815	65.5	3,538	2,195	62.0	1,905	453	23.8	21	14	.....
Albany.....	7,882	4,800	60.9	2,890	2,099	68.8	2,777	1,695	61.1	853	235	27.7	89	61	.....
Binghamton.....	11,053	7,400	67.0	7,424	5,362	72.2	2,446	1,646	67.3	1,073	323	30.1	108	67	62.0
Elmira.....	9,407	5,676	60.3	5,766	4,068	70.6	2,927	1,929	66.6	619	395	63.8	125	84	67.2
Jamestown.....	7,904	4,068	51.5	2,438	1,733	71.1	4,271	2,868	67.2	1,167	448	38.4	27	19	.....
Kingston.....	7,190	4,262	59.3	4,698	2,993	63.7	1,981	1,092	55.1	322	104	32.2	178	104	58.4
Mount Vernon.....	8,475	6,104	72.0	3,653	2,873	78.6	3,609	2,711	75.1	1,005	423	42.1	207	97	46.9
New Rochelle.....	7,748	5,339	68.9	2,555	1,893	74.1	3,665	2,769	75.6	1,116	454	40.7	411	223	54.3
Newburgh.....	6,370	4,274	67.1	4,177	2,539	60.8	2,650	1,542	58.2	402	124	30.8	141	69	48.9
Niagara Falls.....	7,553	4,791	63.3	2,235	1,537	68.8	3,476	2,454	70.6	1,829	762	41.7	82	25	.....
Poughkeepsie.....	7,641	3,794	51.1	4,015	2,391	59.6	2,008	1,185	59.0	471	124	26.5	47	24	.....
Schenectady.....	17,826	11,348	63.7	7,950	5,208	65.5	5,501	3,137	57.0	3,322	970	41.8	53	33	.....
Troy.....	19,557	12,921	66.1	10,095	7,187	71.8	8,074	5,113	63.3	2,363	540	23.0	116	51	60.8
Utica.....	19,241	11,199	58.2	7,789	4,948	63.5	11,829	7,413	62.5	3,519	1,278	36.3	74	51	.....
Watertown.....	6,396	4,294	67.1	3,284	2,294	69.9	2,231	1,592	71.4	846	397	46.8	15	11	.....
Yonkers.....	22,986	15,310	66.6	7,070	5,256	74.3	11,884	8,743	73.6	3,696	1,115	30.2	333	194	58.3
North Carolina															
Charlotte.....	10,404	5,379	51.7	6,374	3,590	56.5	174	124	71.3	54	29	.....	3,801	1,627	42.8
Wilmington.....	7,228	4,052	56.1	3,452	2,116	61.3	232	157	67.7	23	7	.....	3,517	1,772	50.4

SCHOOL ATTENDANCE.

SCHOOL ATTENDANCE OF POPULATION 6 TO 20 YEARS OF AGE IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910—Continued.

[Per cent not shown where base is less than 100.]

Table 18—Continued.

CITY.	ALL CLASSES.		NATIVE WHITE.								FOREIGN-BORN WHITE.		NEGRO.		
			Native parentage.				Foreign or mixed parentage.								
	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
Ohio															
Akron.....	17,402	10,189	58.6	10,341	6,333	61.2	5,382	3,198	59.4	1,514	563	37.2	165	95	57.6
Canton.....	13,040	7,477	57.3	8,630	5,335	61.8	3,334	1,829	54.9	1,007	275	27.3	68	38	.....
Hamilton.....	9,765	5,814	59.5	7,369	4,504	61.1	2,068	1,137	55.0	181	78	43.1	145	94	64.8
Lima.....	8,392	5,037	60.4	6,868	4,373	63.7	1,137	726	63.9	129	54	41.9	238	164	63.6
Lorain.....	7,523	4,857	64.6	5,463	3,336	61.2	3,336	2,015	60.8	1,938	666	33.3	106	50	47.2
Newark.....	6,581	4,037	61.3	5,524	3,459	62.6	785	484	61.7	187	46	24.6	85	48	.....
Springfield.....	12,142	7,479	61.6	8,801	5,585	63.5	1,946	1,091	56.1	136	41	30.1	1,238	761	60.5
Youngstown.....	20,243	11,991	59.2	7,248	4,494	62.0	9,516	5,460	57.4	3,077	943	30.6	400	194	48.5
Zanesville.....	6,988	4,156	59.5	5,896	3,475	59.9	714	437	61.2	103	35	34.0	361	209	57.9
Oklahoma															
Muskogee.....	6,649	3,908	58.9	3,882	2,361	60.8	254	157	61.8	26	4	.....	2,370	1,300	55.2
Oklahoma City.....	15,425	9,992	60.9	12,036	7,511	62.4	1,463	911	62.3	222	53	23.9	1,682	907	53.9
Pennsylvania															
Allentown.....	14,075	7,938	56.4	10,589	6,311	59.6	2,239	1,358	60.7	1,218	257	21.1	28	12	.....
Alloua.....	14,438	9,085	62.9	11,106	7,124	64.1	2,661	1,612	60.6	500	276	49.3	111	73	65.8
Chester.....	10,440	5,822	55.8	5,992	3,285	58.7	2,931	1,656	56.5	736	211	28.7	1,180	670	56.8
Easton.....	7,385	4,261	57.8	5,589	3,394	60.7	1,147	686	59.8	145	30.7	.....	80	35	.....
Erie.....	18,492	10,576	57.2	8,661	5,386	62.2	8,258	4,661	56.4	1,500	488	32.5	53	23	.....
Harrisburg.....	15,973	10,437	65.3	12,890	8,559	66.4	1,392	985	70.8	630	269	42.7	1,061	624	58.8
Hazleton.....	8,332	5,231	62.9	3,291	2,270	69.0	4,379	2,781	63.5	659	268	40.7	3	2	.....
Johnstown.....	15,594	8,536	54.7	8,712	5,282	60.6	4,540	2,604	57.4	2,303	602	26.6	80	38	.....
Lancaster.....	12,507	7,531	60.2	10,061	6,060	60.5	1,997	1,211	60.6	240	116	48.3	209	114	54.5
McKeesport.....	13,012	8,158	62.7	4,905	3,331	67.9	6,250	4,081	65.3	1,623	597	36.8	232	149	64.2
New Castle.....	9,563	5,954	62.3	5,178	3,490	67.4	4,955	2,009	68.0	1,302	388	29.8	127	67	52.8
Norristown borough.....	6,749	3,751	55.6	4,408	2,595	59.9	1,256	827	65.9	518	182	35.1	263	147	55.9
Reading.....	25,751	14,407	55.9	20,686	11,900	57.5	3,702	2,026	54.7	1,173	371	31.6	189	110	58.2
Shenandoah borough.....	8,022	4,675	58.3	1,892	1,223	64.6	4,795	3,135	65.4	1,332	316	23.7	3	1	.....
Wilkes-Barre.....	20,337	12,568	61.8	8,409	5,758	68.5	9,941	6,087	61.2	1,827	605	33.1	160	118	73.8
Williamsport.....	8,526	5,446	63.9	6,671	4,222	64.8	1,453	874	61.0	147	64	43.5	275	186	67.6
York.....	12,220	7,963	60.1	11,019	6,651	60.4	786	496	63.5	151	53	35.1	304	160	52.6
Rhode Island															
Newport.....	7,855	5,882	74.6	3,167	2,442	77.1	3,898	3,011	77.2	462	188	40.7	354	238	67.2
Pawtucket.....	14,501	8,993	62.0	8,840	5,715	70.7	8,324	5,350	64.3	2,265	879	38.8	68	47	.....
Warwick town.....	8,027	4,639	58.4	2,949	1,399	48.3	1,530	792	65.5	1,302	472	36.7	46	25	.....
Woonsocket.....	12,065	6,685	55.7	1,852	1,268	68.5	6,824	4,172	61.1	3,324	1,244	37.4	5	1	.....
South Carolina															
Charleston.....	17,022	8,654	50.8	6,288	3,775	60.0	1,240	725	58.5	158	30	11.6	9,336	4,104	44.0
Columbia.....	7,272	3,669	50.2	3,654	2,214	60.6	145	91	62.8	68	33	.....	3,405	1,531	45.0
Tennessee															
Chattanooga.....	11,790	6,733	58.0	6,226	3,927	63.1	670	482	71.9	160	93	58.1	4,734	2,331	49.2
Knoxville.....	10,725	5,847	56.6	8,127	4,527	55.6	430	278	64.7	69	39	.....	2,099	908	43.3
Texas															
Austin.....	8,872	5,688	64.1	4,895	3,326	67.9	1,421	870	61.2	162	45	27.8	2,389	1,446	60.5
Dallas.....	24,699	13,440	54.4	16,782	9,411	56.1	2,916	1,664	57.1	449	180	40.1	4,546	2,184	48.0
El Paso.....	11,195	5,901	52.7	3,998	2,572	64.3	2,892	1,581	54.7	3,954	1,570	39.7	332	177	53.3
Fort Worth.....	19,713	10,433	52.9	14,066	7,795	55.4	1,732	969	55.9	446	100	22.4	3,467	1,568	45.2
Galveston.....	9,632	5,561	57.5	4,175	2,576	61.7	3,046	1,784	58.6	499	184	36.9	1,939	1,016	52.4
Houston.....	21,125	10,941	51.8	10,735	5,830	54.3	3,363	1,742	51.8	578	181	31.3	6,442	3,158	49.5
San Antonio.....	28,655	15,850	55.6	14,389	8,448	58.7	8,236	4,339	52.7	2,915	1,098	37.7	3,066	1,458	47.1
Waco.....	8,231	4,732	58.1	5,370	3,296	61.4	892	529	59.3	127	56	44.1	1,834	898	49.0
Utah															
Ogden.....	7,755	4,522	70.1	4,054	2,982	73.6	3,169	2,183	69.1	464	233	50.2	27	17	.....
Salt Lake City.....	25,852	17,173	66.4	11,961	8,549	71.5	11,899	7,727	64.9	1,831	813	44.4	106	61	57.5
Virginia															
Lynchburg.....	8,801	4,630	52.2	5,592	3,150	56.3	248	177	71.4	40	17	.....	2,820	1,336	45.8
Norfolk.....	10,717	10,040	96.7	9,409	5,824	62.3	1,493	1,029	68.9	479	299	48.0	6,341	2,925	46.1
Portsmouth.....	9,371	4,792	51.1	5,251	2,853	54.3	808	415	51.4	137	50	36.5	3,175	1,474	46.4
Roanoke.....	10,517	6,129	58.3	7,505	4,575	61.0	374	222	59.4	85	32	.....	2,552	1,300	50.9
Washington															
Tacoma.....	20,360	13,262	65.1	9,004	6,202	68.9	9,135	6,013	65.8	1,974	901	45.6	133	75	56.4
West Virginia															
Huntington.....	9,418	5,659	60.1	8,520	5,124	60.1	252	155	61.5	42	15	.....	603	365	60.5
Wheeling.....	11,018	6,139	55.7	7,309	4,289	58.7	3,047	1,637	53.7	459	110	24.0	203	103	50.7
Wisconsin															
Green Bay.....	7,680	5,120	66.7	3,785	2,781	75.5	3,707	2,250	60.7	152	65	42.8	10	4	.....
La Crosse.....	9,078	5,927	65.3	3,904	2,839	72.7	4,917	2,971	60.4	235	100	42.6	22	17	.....
Madison.....	6,578	4,604	70.0	3,709	2,791	75.2	2,508	1,630	65.0	321	157	49.0	30	19	.....
Oshkosh.....	9,716	6,310	64.9	3,490	2,629	75.3	5,646	3,423	60.6	530	241	43.8	26	15	.....
Racine.....	10,473	6,433	61.7	3,025	2,091	69.1	3,844	2,344	61.0	1,251	365	40.4	28	17	.....
Sheboygan.....	8,175	4,911	60.1	2,531	1,764	69.7	4,788	2,690	56.6	1,055	446	43.2	1	1	.....
Superior.....	10,992	7,721	70.2	2,872	2,155	75.0	6,776	4,942	72.9	1,282	589	45.9	19	10	.....

COMPARATIVE SUMMARY: 1910 AND 1900.

In comparing the results of the census of 1910 with those of the preceding census, two considerations must be borne in mind. In the first place the principal tabulations of the census of 1900 relate to persons from 5 to 20 years of age, while those of 1910 relate to persons from 6 to 20 years of age. This renders it impossible to carry the comparison between the two censuses into all the various details which have been exhibited in connection with the figures for 1910. In order, however, to permit a general comparison of the statistics of the two censuses, certain special tabulations have been made for 1910 with the same age groups as in 1900.

A further distinction between the census of 1910 and that of 1900 lies in the form in which the question was asked. In 1910 the question was whether the person enumerated had attended school at any time between September 1, 1909, and the date of enumeration, April 15, 1910. In 1900 the question was asked as to how many months the person enumerated had attended school during the year prior to the date of enumeration, June 1, 1900. The whole number of persons for whom the length of school attendance was reported was taken to be the aggregate number attending school. It is possible that the greater complexity of the question led to less complete returns at the earlier census, in which case the increased proportion of persons reported as attending school for 1910, as compared with 1900, would be due in part to greater accuracy in the returns.

United States as a whole.—Table 19 gives for the United States as a whole comparative figures for 1910 and 1900 for each of the main population groups, with distinction of sex.

In every group of the population given in the table without exception the proportion reported as attending school was greater in 1910 than in 1900. Of the

total population from 5 to 20 years of age, 59.2 per cent were reported at the later census as attending school, as against 50.5 per cent at the earlier census. Among the three subordinate age groups which appear in Table 19 the group 5 to 9 years shows the greatest difference between the proportions reported at the two censuses, and the group 15 to 20 years shows the smallest difference. Among the important racial classes the negroes show the largest gain during the decade in the proportion attending school. The percentages for the Chinese and Japanese also were much higher in 1910 than in 1900, but of course these races have very few representatives between the ages of 5 and 20 years.

Divisions and states.—Comparative figures for school attendance as reported at the censuses of 1910 and 1900 for the total population from 5 to 20 years of age, with percentages for the minor age groups, are given, by divisions and states, in Table 20, page 238.

In every division and state and for each of the age groups, except for the age group 15 to 20 years in Nevada, the percentage of children reported as attending school was greater in 1910 than in 1900. Moreover, in nearly every case the greatest gain appears to be in the proportion for the age group 5 to 9 years. The gains in the percentages shown for the total population from 5 to 20 years of age, and especially for the age group from 5 to 9 years, are particularly noticeable in the three southern divisions, and point at the same time to increased school accommodations and to a growing habit of sending children to school at an earlier age. It may be noted specifically that in West Virginia and the District of Columbia alone in the southern divisions was the proportion of the population from 5 to 20 years of age reported as attending school in 1900 as much as one-half. In 1910, on the other hand, there were only five southern states in which the proportion was less than one-half.

SCHOOL ATTENDANCE.

237

COMPARATIVE STATISTICS OF SCHOOL ATTENDANCE, FOR THE UNITED STATES: 1910 AND 1900.

[Per cent not shown where base is less than 100.]

CLASS OF POPULATION.	TOTAL NUMBER OF PERSONS ATTENDING SCHOOL.		PERSONS 5 TO 20 YEARS OF AGE.						PERSONS 5 TO 9 YEARS OF AGE.					
	1910	1900	1910		1900		1910		1900		1910		1900	
			Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.	
				Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
Total	18,009,891	13,367,147	29,785,997	17,646,877	59.2	26,041,940	13,160,900	50.5	9,760,632	6,024,993	61.7	8,874,123	4,266,302	48.1
Male	9,037,655	6,668,823	14,952,430	8,833,533	59.1	13,048,537	6,544,412	50.2	4,924,123	3,028,267	61.6	4,479,398	2,154,307	48.1
Female	8,972,236	6,698,324	14,833,467	8,813,344	59.4	12,993,403	6,616,488	50.9	4,836,509	2,996,726	62.0	4,394,727	2,111,995	48.1
White	16,279,292	12,231,004	25,992,293	15,945,412	61.3	22,441,947	12,039,594	53.6	8,475,178	5,495,043	64.8	7,638,326	3,971,175	52.0
Male	8,220,847	6,137,374	13,052,081	8,031,599	61.3	11,271,583	6,021,453	53.4	4,285,365	2,771,424	64.7	3,869,349	2,009,809	52.0
Female	8,058,445	6,093,130	12,940,212	7,913,813	61.3	11,170,364	6,018,141	53.9	4,189,807	2,723,619	65.0	3,775,977	1,961,375	51.9
Negro	1,670,650	1,096,734	3,677,860	1,644,750	44.7	3,499,187	1,083,516	31.0	1,246,553	514,014	41.2	1,202,758	284,784	23.7
Male	783,869	509,984	1,797,688	771,587	42.9	1,721,758	503,099	29.2	619,175	248,936	40.2	600,410	139,201	23.2
Female	886,781	586,750	1,880,172	873,172	46.4	1,777,429	580,417	32.7	627,378	265,078	42.3	602,348	145,583	24.2
Indian	53,458	37,537	102,163	51,877	50.8	89,632	36,243	40.4	35,541	14,818	40.6	31,937	9,851	30.8
Chinese	3,887	1,349	7,286	3,314	45.5	4,927	1,250	25.4	1,264	655	51.8	1,024	452	44.1
Japanese	2,512	523	6,039	1,459	24.2	6,247	297	4.3	1,088	458	42.1	78	49	62.0
All other	92	.....	556	56	15.7	.....	.....	.....	13	5	.....	.....	.....	.....
Native white	15,627,786	11,849,815	24,403,180	15,330,814	62.8	21,248,914	11,668,616	54.9	8,176,664	5,291,576	64.7	7,491,134	3,885,580	51.9
Male	7,852,607	5,943,300	12,287,050	7,715,983	62.9	10,837,135	5,833,538	54.4	4,174,714	2,608,530	64.5	3,788,622	1,966,766	51.9
Female	7,745,179	5,906,515	12,116,130	7,614,831	62.7	10,561,779	5,835,078	55.2	5,001,950	2,683,046	64.9	3,702,512	1,918,814	51.8
Native parentage	11,110,583	8,244,687	17,246,081	10,892,753	63.2	14,876,715	8,112,850	54.5	5,861,013	3,669,519	62.6	5,174,220	2,516,045	48.6
Male	5,611,901	4,111,997	8,691,259	5,488,627	63.2	7,506,903	4,061,193	54.1	2,969,201	1,851,934	62.4	2,622,791	1,275,458	48.6
Female	5,498,682	4,102,690	8,555,822	5,404,126	63.2	7,369,812	4,051,657	55.0	2,902,752	1,817,585	62.9	2,551,429	1,240,587	48.6
Foreign or mixed parentage	4,517,203	3,605,123	7,157,099	4,438,061	62.0	6,372,199	3,555,766	55.8	2,315,649	1,622,057	70.0	2,316,914	1,399,535	59.1
Male	2,246,497	1,801,303	3,675,800	2,227,356	62.3	3,180,232	1,722,345	55.7	1,165,484	816,590	70.0	1,164,831	691,308	59.3
Female	2,246,497	1,801,303	3,581,299	2,210,705	61.7	3,191,967	1,783,421	55.9	1,150,165	805,461	70.0	1,152,083	678,227	58.9
Foreign-born white	651,506	381,189	1,589,113	614,598	38.7	1,193,033	370,978	31.1	298,509	203,667	68.2	147,192	85,595	58.2
Male	338,249	194,574	825,031	315,616	38.3	584,448	187,915	32.2	150,652	102,874	68.3	73,727	43,034	58.4
Female	313,256	186,615	764,082	298,982	39.1	608,585	183,063	30.1	147,857	100,783	68.0	73,465	42,561	57.9

CLASS OF POPULATION.	PERSONS 10 TO 14 YEARS OF AGE.						PERSONS 15 TO 20 YEARS OF AGE.						
	Total number.	Attending school.		Attending school.		Total number.	Attending school.		Attending school.		Total number.	Attending school.	
		Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.			
												Number.	Per cent.
Total	9,107,140	6,628,662	88.2	8,080,234	6,461,394	79.8	10,918,225	3,593,222	32.9	9,087,583	2,443,204	26.9	
Male	4,601,753	4,038,105	87.7	4,883,041	3,215,585	65.9	7,426,954	1,769,147	23.8	4,488,100	1,174,826	26.2	
Female	4,505,387	3,992,557	88.6	3,997,193	3,235,809	81.0	5,491,571	1,824,081	33.2	4,601,483	1,268,684	27.6	
White	7,918,408	7,212,607	91.1	6,959,238	5,846,411	84.0	9,598,712	3,237,762	33.7	7,844,383	2,222,008	28.3	
Male	4,006,104	3,643,988	91.0	3,519,303	2,928,743	83.2	4,800,611	1,616,187	33.7	3,889,931	1,082,910	27.8	
Female	3,912,304	3,568,619	91.2	3,439,935	2,917,668	84.8	4,798,101	1,621,575	33.8	3,954,452	1,139,088	28.8	
Negro	1,155,266	791,995	68.6	1,691,990	887,669	53.8	1,276,041	338,500	26.5	1,294,439	211,172	17.5	
Male	578,074	379,486	65.6	548,642	277,832	50.6	600,439	143,165	23.8	572,706	86,066	15.0	
Female	577,192	412,509	71.5	543,348	309,728	57.0	675,602	195,385	28.9	631,733	125,106	19.8	
Indian	31,393	22,446	71.5	27,979	16,885	60.3	34,229	14,613	42.7	29,716	9,507	32.0	
Chinese	1,575	1,221	77.5	845	479	56.7	4,447	1,438	32.3	3,058	319	10.4	
Japanese	477	375	78.6	182	59	32.4	4,474	626	14.0	5,987	198	3.3	
All other	21	18	85.7	.....	.....	.....	322	33	10.2	.....	.....	.....
Native white	7,560,078	6,904,115	91.3	6,647,673	5,618,931	84.5	8,666,438	3,135,123	36.2	7,110,107	2,164,105	30.4	
Male	3,824,801	3,486,397	91.2	3,361,671	2,813,012	83.7	4,307,535	1,561,056	36.2	3,536,842	1,053,790	29.8	
Female	3,735,277	3,417,718	91.5	3,286,002	2,805,919	85.4	4,358,903	1,574,067	36.1	3,547,265	1,110,315	31.1	
Native parentage	5,324,283	4,827,471	90.7	4,660,390	3,904,900	83.8	6,060,783	2,395,763	39.5	5,042,105	1,691,905	33.6	
Male	2,700,656	2,439,554	90.3	2,364,797	1,956,336	82.7	3,021,364	1,197,139	39.6	2,518,315	829,399	32.9	
Female	2,623,627	2,387,917	91.0	2,295,593	1,948,564	84.9	3,039,419	1,198,624	39.4	2,523,790	862,506	34.2	
Foreign or mixed parentage	2,235,785	2,076,644	92.9	1,987,283	1,714,691	86.2	2,685,555	739,369	28.4	2,068,002	472,009	22.8	
Male	1,124,145	1,046,843	93.1	966,874	856,676	88.9	1,286,171	383,917	29.8	1,018,527	224,381	22.0	
Female	1,111,650	1,029,801	92.6	990,409	857,355	86.6	1,319,454	375,443	28.5	1,049,475	247,839	23.6	
Foreign-born white	358,330	308,492	86.1	311,565	227,480	73.0	932,274	102,639	11.0	734,276	57,903	7.9	
Male	181,303	157,591	86.9	157,632	115,731	73.4	493,076	55,131	11.2	383,089	29,150	8.3	
Female	177,027	150,901	85.2	153,933	111,749	72.6	439,198	47,508	10.8	381,187	28,753	7.5	

COMPARATIVE STATISTICS OF SCHOOL ATTENDANCE, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 20

DIVISION AND STATE.	PERSONS 5 TO 20 YEARS OF AGE.				PERSONS UNDER 5 AND OVER 20 YEARS OF AGE ATTENDING SCHOOL.		PER CENT OF POPULATION ATTENDING SCHOOL.							
	Total number.		Number attending school.				5 to 20 years of age.		5 to 9 years of age.		10 to 14 years of age.		15 to 20 years of age.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
United States	29,785,997	26,041,940	17,646,877	13,160,900	363,014	206,247	59.2	50.5	61.7	48.1	88.2	79.8	32.9	26.9
GEOGRAPHIC DIVISIONS:														
New England.....	1,848,762	1,567,519	1,193,359	901,924	28,869	25,237	64.5	57.5	79.5	66.5	94.1	90.0	29.0	24.1
Middle Atlantic.....	5,737,064	4,740,858	3,456,047	2,528,223	74,726	38,894	60.3	53.3	70.4	59.3	92.9	85.7	26.2	20.2
East North Central.....	5,694,728	5,293,105	3,502,178	3,007,220	73,825	47,628	62.5	56.8	70.1	58.3	93.8	88.1	30.9	27.7
West North Central.....	3,827,601	3,660,016	2,475,434	2,154,345	55,157	32,852	64.7	58.9	67.7	57.0	93.6	88.3	38.3	33.9
South Atlantic.....	4,459,130	3,909,118	2,377,044	1,616,355	41,400	21,623	53.3	40.9	49.9	32.6	78.7	65.6	33.6	25.4
East South Central.....	3,116,180	2,944,696	1,701,020	1,209,673	29,171	15,966	54.6	41.1	50.0	31.3	79.0	65.8	37.2	28.3
West South Central.....	3,299,750	2,500,557	1,765,344	1,019,020	29,756	10,965	53.5	39.3	46.5	25.4	50.3	68.3	26.4	26.7
Mountain.....	799,419	535,358	494,287	296,627	10,904	4,400	61.8	55.4	59.3	49.2	90.2	85.2	40.5	34.8
Pacific.....	1,033,363	711,213	681,564	427,513	19,206	8,622	62.3	60.1	63.4	58.7	94.1	91.8	38.2	34.7
NEW ENGLAND:														
Maine.....	209,063	199,153	137,611	117,016	3,160	2,960	65.9	58.8	76.0	61.9	92.4	89.5	35.2	31.5
New Hampshire.....	118,951	110,895	76,058	61,022	1,492	1,271	63.9	55.0	76.8	62.6	94.5	87.9	29.3	23.6
Vermont.....	101,396	97,614	69,348	58,579	1,183	1,203	68.4	59.7	77.9	64.5	96.6	91.1	36.2	28.8
Massachusetts.....	941,376	777,110	614,105	454,419	16,014	13,913	65.2	58.5	81.2	68.5	94.5	92.2	29.2	24.0
Rhode Island.....	158,287	124,646	93,674	64,691	2,568	1,353	59.2	51.9	74.4	64.5	91.6	84.0	23.2	16.5
Connecticut.....	319,689	257,101	202,503	145,897	4,432	4,337	63.3	56.7	80.9	67.2	94.3	89.9	24.9	20.4
MIDDLE ATLANTIC:														
New York.....	2,620,393	2,136,764	1,611,496	1,152,712	39,367	20,261	61.5	53.9	73.2	62.8	94.4	88.1	27.3	19.4
New Jersey.....	758,864	572,923	459,147	305,750	10,125	3,488	60.5	53.4	74.8	62.5	91.8	84.2	23.7	17.7
Pennsylvania.....	2,357,807	2,031,171	1,386,004	1,060,761	25,234	15,145	58.8	52.7	66.0	56.9	91.6	83.7	25.6	21.8
EAST NORTH CENTRAL:														
Ohio.....	1,405,040	1,338,345	881,138	779,999	16,950	10,723	62.7	58.3	69.7	59.0	94.3	91.4	32.2	29.5
Indiana.....	832,200	843,885	518,312	485,821	11,430	6,130	62.3	57.6	66.8	55.3	93.5	90.5	32.8	31.1
Illinois.....	1,729,929	1,589,915	1,041,227	806,281	23,119	13,944	62.0	54.5	67.8	56.9	92.7	83.2	28.3	26.3
Michigan.....	854,710	790,275	558,126	456,148	10,800	8,578	63.3	57.7	73.9	60.4	93.5	89.8	33.7	26.6
Wisconsin.....	782,789	730,655	503,375	418,971	11,526	8,653	64.3	57.3	73.4	61.3	95.9	88.4	29.6	24.1
WEST NORTH CENTRAL:														
Minnesota.....	693,788	612,990	452,077	352,053	10,790	5,756	65.2	57.4	67.9	56.9	95.6	89.5	37.7	27.5
Iowa.....	731,392	767,870	487,453	483,909	11,819	8,709	67.6	63.0	76.9	67.2	94.0	91.0	38.0	34.4
Missouri.....	1,063,613	1,105,258	653,509	597,367	12,403	6,744	61.4	54.0	63.4	50.3	91.6	83.4	35.4	31.3
North Dakota.....	198,361	112,789	110,066	58,138	2,643	710	60.0	51.5	57.6	43.2	90.0	84.3	36.5	28.4
South Dakota.....	198,023	147,165	124,217	88,514	2,686	1,807	62.7	60.1	60.3	51.6	92.0	90.5	40.3	39.4
Nebraska.....	400,452	386,384	269,593	243,907	6,236	4,669	67.3	63.1	73.5	61.4	94.9	91.8	39.8	38.4
Kansas.....	551,967	527,560	369,579	330,397	8,520	4,957	67.0	62.6	66.6	57.8	95.2	91.1	44.2	41.5
SOUTH ATLANTIC:														
Delaware.....	61,948	59,635	35,703	28,466	627	287	57.6	47.7	60.3	45.9	88.4	78.8	30.1	22.2
Maryland.....	415,965	403,026	230,123	183,399	4,505	2,451	55.3	45.5	60.8	45.1	85.7	76.6	24.8	18.6
District of Columbia.....	84,491	77,291	52,124	39,027	2,564	877	61.7	50.5	67.4	44.9	93.2	87.5	35.0	27.5
Virginia.....	750,782	704,771	385,987	297,304	5,709	4,026	52.7	42.2	44.2	33.1	80.5	68.5	25.6	27.3
West Virginia.....	428,683	356,471	263,150	184,294	4,261	2,116	61.4	51.7	59.5	41.7	90.9	82.1	37.4	34.3
North Carolina.....	847,886	753,826	486,528	313,063	8,668	4,626	57.4	41.5	50.9	30.2	79.8	63.3	43.2	33.1
South Carolina.....	607,937	560,773	296,288	174,681	5,071	2,847	48.6	31.2	42.9	22.6	71.9	52.1	32.6	20.8
Georgia.....	998,715	885,725	487,408	310,214	7,373	3,374	49.8	35.0	47.8	29.3	72.2	58.2	27.9	19.3
Florida.....	262,783	197,600	130,733	85,907	2,622	1,019	49.7	41.6	47.6	34.3	73.8	71.1	30.8	27.6
EAST SOUTH CENTRAL:														
Kentucky.....	812,192	798,027	465,705	381,434	7,776	3,860	57.3	47.8	54.1	38.2	84.4	76.8	36.5	30.7
Tennessee.....	795,122	780,421	443,411	336,072	7,779	4,845	55.8	43.1	50.0	33.1	81.7	68.4	38.9	30.1
Alabama.....	811,307	733,222	389,969	236,922	6,876	3,511	48.1	32.3	40.2	20.4	71.7	54.5	34.4	24.2
Mississippi.....	697,559	633,026	401,935	255,245	6,740	3,750	57.6	47.6	56.9	33.5	78.2	61.5	39.0	27.8
WEST SOUTH CENTRAL:														
Arkansas.....	595,930	529,375	327,911	227,374	5,884	2,806	55.0	43.0	50.5	32.0	77.8	66.3	39.8	32.5
Louisiana.....	622,046	538,267	252,764	182,192	4,263	1,527	60.6	48.3	58.1	21.4	62.5	50.5	23.0	14.5
Oklahoma ¹	611,791	306,781	388,319	129,015	5,882	1,927	63.5	42.1	35.0	31.6	91.2	66.9	44.4	29.3
Texas.....	1,469,983	1,215,634	796,350	510,439	13,727	5,165	54.2	42.0	43.6	22.6	84.8	77.5	37.2	28.9
MOUNTAIN:														
Montana.....	100,972	65,871	61,468	38,177	1,287	433	60.9	58.0	61.0	55.5	90.3	89.9	37.2	32.3
Idaho.....	164,469	54,964	67,291	32,711	1,312	376	64.4	59.5	56.4	50.3	93.2	90.5	47.2	40.3
Wyoming.....	38,593	27,900	23,270	14,740	475	177	60.3	53.6	62.4	51.3	91.4	86.7	35.5	29.2
Colorado.....	231,899	160,531	149,779	95,075	3,633	1,653	64.7	59.2	65.6	55.0	93.4	89.0	40.7	36.9
New Mexico.....	114,227	69,712	65,808	28,336	909	336	57.6	40.6	53.3	31.7	81.7	65.6	40.7	26.1
Arizona.....	61,634	38,868	30,761	17,136	585	359	49.9	44.1	45.9	40.1	77.6	68.9	30.8	26.4
Utah.....	130,809	186,513	85,602	64,017	2,454	908	64.5	60.1	60.5	50.6	95.0	92.2	41.1	39.9
Nevada.....	17,326	11,399	10,308	6,435	249	218	59.5	56.5	62.8	52.4	90.0	85.7	34.3	37.2
PACIFIC:														
Washington.....	314,213	158,245	106,781	90,318	4,914	1,413	62.6	62.8	61.3	60.9	94.5	93.0	39.5	37.5
Oregon.....	187,043	132,887	118,005	82,237	3,404	1,274	63.1	61.9	61.2	57.9	94.2	92.7	41.2	38.9
California.....	592,107	420,081	306,778	245,958	10,888	5,935	61.9	58.6	65.3	58.1	93.8	91.1	36.6	32.5

¹Includes population of Indian Territory for 1900.

ILLITERACY.

UNITED STATES AS A WHOLE.

The population schedule for the census of 1910 contained two inquiries relating to illiteracy, namely, as to whether the person enumerated was able to read and as to whether he or she was able to write. Answers to these questions were required only in the case of persons 10 years of age and over. The statistics, unless otherwise more particularly limited, relate to this class of the population. The Bureau of the Census classifies as illiterate any person 10 years of age or over who is unable to write, regardless of ability to read. A considerable number of persons were reported as able to read, though not able to write, but the statistics in regard to this class have not seemed of sufficient significance to call for a separate presentation in a summary of illiteracy statistics.

Number of illiterates.—The whole number of persons 10 years of age and over enumerated at the census of 1910 who were reported as unable to write was 5,516,163. The distribution of this number by color or race, nativity, and parentage, together with corresponding figures for the three previous censuses, is given in Table 21.

CLASS OF POPULATION.	ILLITERATE POPULATION 10 YEARS OF AGE AND OVER.				
	1910		1900	1890	1880
	Number.	Per cent of total.			
Total	5,516,163	100.0	6,180,069	4,624,702	6,239,958
White.....	3,184,633	57.7	3,200,746	3,212,574	3,019,060
Native.....	1,534,272	27.8	1,915,611	2,065,003	2,255,460
Native parentage.....	1,378,884	25.0	1,734,764	1,890,723	.....
Foreign or mixed par.....	155,388	2.8	178,847	174,280	.....
Foreign born.....	1,650,361	29.9	1,287,135	1,147,571	763,620
Negro.....	2,227,731	40.4	2,853,194	3,042,668	.....
Indian.....	85,445	1.5	96,347	.....	3,220,878
Chinese.....	10,891	0.2	25,396	69,460	.....
Japanese.....	6,213	0.1	4,386	.....	.....
All other.....	1,250	(2)	.....	.....	.....

¹ Exclusive of illiterate persons in Indian Territory and on Indian reservations, areas specially enumerated in 1890, but for which illiteracy statistics are not available.

² Less than one-tenth of 1 per cent.

The whites, who in 1910 constituted 89.3 per cent of the total population 10 years of age and over, contributed 57.7 per cent of the illiterates, while the negroes, constituting 10.2 per cent of the total population 10 years of age and over, contributed 40.4 per cent of the illiterates. Among the remaining classes—the Indians, Chinese, Japanese, and all others—the total number of illiterates was 103,799, or 1.9 per cent of all illiterates reported.

The number of illiterates reported in 1910 was considerably less than the number reported at any of the three preceding censuses covered by Table 21. Despite the fact of continuous growth in the population of the country, there was comparatively little difference in the number of illiterates reported at the censuses of 1880, 1890, and 1900, the largest number being reported in 1890. From 1890 to 1910 the number of illiterate whites gradually decreased, while the number

of illiterate native whites has shown a decrease at each succeeding census since 1880, the decrease being most marked between 1900 and 1910. On the other hand, the number of illiterate foreign-born whites steadily increased, rising from 763,620 in 1880 to 1,650,361 in 1910.^{*} The number of illiterates among the negroes was decidedly smaller in 1910 than in 1890, the first census year at which illiterate negroes were clearly distinguished from all other classes of the population.

Percentage of illiteracy.—The significance of the figures relating to illiteracy can best be seen by a comparison of the number of illiterates with the corresponding total population. Table 22 shows the total population 10 years of age and over, and the number and percentage illiterate, by color or race, nativity, and parentage.

CLASS OF POPULATION.	POPULATION 10 YEARS OF AGE AND OVER: 1910		
	Total.	Illiterate.	
		Number.	Per cent.
Total	71,580,270	5,516,163	7.7
White.....	63,923,870	3,184,633	5.0
Native.....	50,389,341	1,534,272	3.0
Native parentage.....	37,081,278	1,378,884	3.7
Foreign or mixed parentage.....	13,908,063	155,388	1.1
Foreign born.....	12,944,529	1,650,361	12.7
Negro.....	7,317,922	2,227,731	30.4
Indian.....	188,758	85,445	45.3
Chinese.....	68,924	10,891	15.8
Japanese.....	67,661	6,213	9.2
All other.....	3,135	1,250	39.9

Of the entire population 10 years of age and over in 1910, 7.7 per cent were illiterate. Of the whites 5 per cent were illiterate and of the negroes 30.4 per cent. Among the foreign-born whites 12.7 per cent were illiterate as compared with 3 per cent among the native whites. The lowest percentage of illiteracy, 1.1, was among the native whites of foreign or mixed parentage, while among the native whites of native parentage the percentage was 3.7.

The changes in the percentage of illiteracy in the United States since 1880 are shown for the several classes of the population in Table 23.

CLASS OF POPULATION.	PERCENTAGE OF ILLITERATES IN POPULATION 10 YEARS OF AGE AND OVER.			
	1910	1900	1890	1880
Total	7.7	10.7	13.3	17.0
White.....	5.0	6.2	7.7	9.4
Native.....	3.0	4.6	6.2	8.7
Native parentage.....	3.7	5.7	7.5	.....
Foreign or mixed parentage.....	1.1	1.6	2.2	.....
Foreign born.....	12.7	12.9	13.1	12.0
Negro.....	30.4	44.5	57.1	.....
Indian.....	45.3	56.2	.....	70.0
Chinese.....	15.8	29.0	45.2	.....
Japanese.....	9.2	18.2	.....	.....
All other.....	39.9	.....	.....	.....

The percentage of illiteracy for the population as a whole declined from 17 in 1880 to 7.7 in 1910. With the exception of the foreign-born whites, each class of the population shared in this decline, which was gradual and uninterrupted from census to census. In the native white group the percentage of illiteracy in 1910 was less than one-half as high as in 1880, and the same is evidently true of the negroes, who constituted much the larger part of the total non-white population for which the percentage is shown for 1880. The percentage of illiteracy among the foreign-born whites increased somewhat between 1880 and 1890, but decreased slightly during the following decades.

Illiteracy by sex.—Table 24 gives for 1910 a statement of illiteracy by sex and by color or race, nativity, and parentage.

Table 24 POPULATION 10 YEARS OF AGE AND OVER: 1910

CLASS OF POPULATION.	POPULATION 10 YEARS OF AGE AND OVER: 1910					
	Male.			Female.		
	Total.	Illiterate.		Total.	Illiterate.	
	Number.	Per cent.	Number.	Per cent.	Per cent.	
Total	37,027,558	2,814,950	7.6	34,552,712	2,701,213	7.8
White.....	33,164,229	1,662,505	5.0	30,769,641	1,522,128	4.9
Native.....	25,843,033	796,055	3.1	25,146,308	738,217	2.9
Native parentage.....	18,933,751	718,926	3.8	18,147,527	662,958	3.7
Foreign or mixed parentage.....	6,909,282	80,129	1.2	6,998,781	75,259	1.1
Foreign born.....	7,321,196	866,450	11.8	5,623,333	783,911	13.9
Negro.....	3,637,386	1,096,000	30.1	3,660,536	1,131,731	30.7
Indian.....	96,582	40,104	41.5	92,176	45,341	49.2
Chinese.....	65,479	9,849	15.0	3,445	1,042	30.2
Japanese.....	60,809	5,247	8.6	6,852	966	14.1
All other.....	3,073	1,245	40.5	62	5	(¹)

¹ Per cent not shown where base is less than 100.

In the total population 10 years of age and over the percentage of illiteracy for females was slightly higher than that for males. The percentage for females was greater than that for males among the negroes, Indians, Chinese, and Japanese, the difference being especially marked in the case of the last three classes named. Among the whites the percentage of illiteracy was slightly greater for males than for females. Figures for the component elements of the white group show, however, that among the native born, whether of native or of foreign or mixed parentage, illiteracy was less frequent among females, while among the foreign born the contrary was the case.

Illiteracy by age periods.—Table 27 on the next page shows the total population in the various age groups, with the number and percentage illiterate, classified by sex and by color or race, nativity, and parentage. Table 25 reproduces the more important percentages shown in Table 27.

While for the entire population 10 years of age and over the percentage of illiteracy was 7.7, it will be noted that in the age group 10 to 14 years only 4.1 per cent were illiterate. Each succeeding age group shows

a greater proportion of illiterates, but not until the age group 35 to 44 years is reached does the percentage of illiteracy for a single group become as large as the average for all ages; in the final age group, 65 years and over, however, the proportion of illiteracy was almost double the average for the total population 10 years of age and over. These figures reflect in part the educational conditions under which successive generations have grown up. A particular interest attaches to the figures for the younger groups, inasmuch as they indicate in some degree the efficiency of our present educational system. As in the population as a whole, so in each of its main classes except the foreign-born whites, the proportion of illiteracy is larger in each succeeding age group. The maximum percentage of illiteracy for the foreign-born whites, 15.3, is shown for the age group 20 to 24 years, but in each succeeding age group except the last—65 years and over—the proportion of illiterates for this class was smaller than in the preceding group. The fact that immigration in recent years has been drawn more largely than formerly from countries with a high degree of illiteracy probably accounts for this condition.

Table 25 PERCENTAGE OF ILLITERATES IN POPULATION 10 YEARS OF AGE AND OVER: 1910

AGE PERIOD.	PERCENTAGE OF ILLITERATES IN POPULATION 10 YEARS OF AGE AND OVER: 1910						
	All classes.	White.				Negro.	
		Total.	Native.				
		Total.	Native parentage.	Foreign or mixed parentage.	Foreign born.		
10 years and over	7.7	5.0	3.0	3.7	1.1	12.7	30.4
10 to 14 years.....	4.1	1.8	1.7	2.2	0.6	3.5	18.9
15 to 19 years.....	4.9	2.8	1.9	2.4	0.8	12.8	20.3
20 to 24 years.....	6.9	4.6	2.3	2.8	0.9	15.3	23.9
25 to 34 years.....	7.3	5.2	2.4	3.0	0.9	14.4	24.6
35 to 44 years.....	8.1	5.4	3.0	3.8	1.1	12.3	32.3
45 to 64 years.....	10.7	6.7	5.0	6.0	1.9	11.1	52.7
65 years and over.....	14.5	9.4	7.3	7.6	4.7	13.8	74.5

Illiteracy in the urban and the rural population.—The proportion of illiteracy is higher in the rural than in the urban population. Table 26 shows the percentage of illiteracy for the urban and the rural population in 1910, classified by color or race, nativity, and parentage. (For absolute numbers see Table 32 on a subsequent page.)

Table 26 PERCENTAGE OF ILLITERATES IN POPULATION 10 YEARS OF AGE AND OVER: 1910.

CLASS OF POPULATION.	PERCENTAGE OF ILLITERATES IN POPULATION 10 YEARS OF AGE AND OVER: 1910.		
	Total.	Urban.	Rural.
Total	7.7	5.1	10.1
White.....	5.0	4.2	5.8
Native.....	3.0	0.8	4.8
Native parentage.....	3.7	0.9	5.4
Foreign or mixed parentage.....	1.1	0.7	1.9
Foreign born.....	12.7	12.6	13.2
Negro.....	30.4	17.6	36.1
Indian, Chinese, Japanese, and all other.....	31.6	11.0	40.0

ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER, FOR THE UNITED STATES: 1910 AND 1900.

[Per cent not shown where base is less than 100.]

CLASS OF POPULATION.	POPULATION 10 YEARS OF AGE AND OVER: 1910 ¹			POPULATION 10 YEARS OF AGE AND OVER: 1900 ¹			PERSONS 10 TO 14 YEARS OF AGE: 1910		
	Total.	Illiterate.		Total.	Illiterate.		Total.	Illiterate.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
Total population	71,580,270	5,516,163	7.7	57,949,624	6,180,069	10.7	9,107,140	370,136	4.1
Male.....	37,027,558	2,814,950	7.6	28,703,440	3,011,224	10.1	4,801,753	211,763	4.4
Female.....	34,552,712	2,701,213	7.8	28,246,384	3,168,845	11.2	4,505,387	158,373	3.5
White.....	63,933,870	3,184,633	5.0	51,250,918	3,200,746	6.2	7,918,408	144,675	1.8
Male.....	33,164,229	1,662,505	5.0	26,827,931	1,567,153	6.0	4,006,104	62,569	2.1
Female.....	30,769,641	1,522,128	4.9	24,422,987	1,633,593	6.6	3,912,304	62,106	1.6
Negro.....	7,317,922	2,227,731	30.4	6,415,581	2,533,194	44.5	1,155,286	218,555	18.9
Male.....	3,637,386	1,066,000	30.1	3,181,650	1,371,432	43.1	578,074	125,616	21.7
Female.....	3,680,536	1,161,731	30.7	3,233,931	1,481,762	45.8	577,192	92,939	16.1
Indian.....	188,758	83,445	43.3	171,552	96,347	56.2	31,393	6,798	21.7
Male.....	96,582	40,104	41.5	85,504	46,376	52.5	16,199	2,523	21.7
Female.....	92,176	43,341	49.2	85,048	50,971	59.8	15,194	3,275	21.6
Chinese.....	68,924	10,891	15.8	87,682	25,396	29.0	1,575	87	5.5
Male.....	65,479	9,849	15.0	84,141	23,052	27.4	1,085	44	4.1
Female.....	3,445	1,042	30.2	3,541	2,344	66.2	490	43	8.8
Japanese.....	67,661	6,213	9.2	24,091	4,386	18.2	477	20	4.2
Male.....	60,809	5,247	8.6	23,214	4,211	18.1	273	10	3.7
Female.....	6,852	966	14.1	877	175	20.0	204	10	4.9
Native white.....	50,989,341	1,534,272	3.0	41,236,662	1,913,611	4.6	7,560,078	131,991	1.7
Male.....	25,845,033	796,655	3.1	20,912,940	955,517	4.6	3,824,801	76,539	2.0
Female.....	25,146,308	738,217	2.9	20,323,722	958,094	4.7	3,735,277	55,432	1.5
Native parentage.....	37,081,278	1,378,884	3.7	30,310,261	1,734,764	5.7	5,324,283	117,973	2.2
Male.....	18,933,751	715,926	3.8	15,452,855	862,175	5.6	2,700,656	69,087	2.6
Female.....	18,147,527	662,958	3.7	14,857,406	872,589	5.9	2,623,627	47,886	1.2
Foreign or mixed parentage.....	13,908,663	153,388	1.1	10,926,401	178,847	1.6	2,235,795	14,918	0.8
Male.....	6,909,282	80,129	1.2	5,460,085	93,342	1.7	1,124,145	7,272	0.6
Female.....	6,998,781	73,259	1.1	5,466,316	85,505	1.6	1,111,650	6,746	0.6
Foreign-born white.....	12,944,529	1,650,361	12.7	10,014,256	1,287,135	12.9	358,330	12,684	3.5
Male.....	7,321,196	866,450	11.8	5,414,991	611,636	11.3	181,303	6,210	3.4
Female.....	5,623,333	783,911	13.9	4,599,265	675,499	14.7	177,027	6,474	3.7

Table 27—Continued.

CLASS OF POPULATION.	PERSONS 15 TO 19 YEARS OF AGE: 1910			PERSONS 20 TO 24 YEARS OF AGE: 1910			PERSONS 25 TO 34 YEARS OF AGE: 1910		
	Total.	Illiterate.		Total.	Illiterate.		Total.	Illiterate.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
Total population	9,063,603	448,414	4.9	9,056,984	622,073	6.9	15,152,188	1,102,384	7.3
Male.....	4,527,282	262,770	5.8	4,580,290	343,450	7.5	7,901,118	587,675	7.6
Female.....	4,536,321	185,644	4.1	4,476,694	278,623	6.2	7,251,072	504,727	7.0
White.....	7,968,391	226,432	2.8	7,986,411	367,669	4.6	13,524,412	702,962	5.2
Male.....	3,998,143	132,616	3.3	4,070,955	211,861	5.2	7,089,393	403,285	5.7
Female.....	3,969,248	93,816	2.4	3,915,456	155,808	4.0	6,435,019	299,677	4.7
Negro.....	1,060,416	214,569	20.3	1,030,795	245,860	23.9	1,549,316	380,742	24.6
Male.....	507,945	126,459	24.9	482,157	126,970	26.3	753,968	183,993	24.4
Female.....	552,471	88,401	16.0	548,638	118,890	21.7	795,348	196,749	24.7
Indian.....	28,486	6,513	22.9	21,844	6,756	30.9	33,380	13,692	41.0
Male.....	14,612	3,169	21.7	11,265	3,138	27.9	16,993	6,184	36.4
Female.....	13,874	3,344	24.1	10,579	3,618	34.2	16,387	7,508	45.8
Chinese.....	3,439	303	8.8	4,451	559	12.6	10,551	1,534	14.5
Male.....	3,059	258	8.4	3,979	425	10.7	9,708	1,241	12.8
Female.....	380	45	11.8	472	134	28.4	843	293	34.8
Japanese.....	2,674	228	8.5	12,914	1,026	7.9	33,182	2,925	8.8
Male.....	2,328	190	8.2	11,375	855	7.5	29,731	2,427	8.2
Female.....	346	38	11.0	1,539	171	11.1	3,451	498	14.4
Native white.....	7,294,630	140,323	1.9	6,556,030	148,541	2.3	10,356,001	247,774	2.4
Male.....	3,647,389	85,510	2.3	3,247,085	84,586	2.6	5,210,149	136,883	2.6
Female.....	3,647,241	54,813	1.5	3,308,995	63,955	1.9	5,145,852	111,191	2.2
Native parentage.....	5,089,055	121,878	2.4	4,682,922	130,991	2.8	7,450,675	220,787	3.0
Male.....	2,532,528	75,394	3.0	2,332,914	75,193	3.2	3,788,166	121,983	3.2
Female.....	2,536,527	46,484	1.8	2,350,008	55,798	2.4	3,662,509	98,814	2.7
Foreign or mixed parentage.....	2,205,575	18,445	0.8	1,873,108	17,550	0.9	2,905,326	26,977	0.9
Male.....	1,094,861	10,116	0.9	914,121	9,393	1.0	1,421,983	14,600	1.0
Female.....	1,110,714	8,329	0.7	958,987	8,157	0.9	1,483,343	12,377	0.8
Foreign-born white.....	673,761	86,409	12.8	1,430,381	219,128	15.3	3,168,411	455,188	14.4
Male.....	351,754	47,106	13.4	823,290	127,275	15.4	1,879,244	266,702	14.2
Female.....	322,007	39,003	12.1	606,491	91,853	15.1	1,289,167	188,486	14.6

¹ Includes the small group "Age unknown," statistics for which are not shown separately.

ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER, FOR THE UNITED STATES: 1910 AND 1900—Contd.

CLASS OF POPULATION.	PERSONS 35 TO 44 YEARS OF AGE: 1910			PERSONS 45 TO 64 YEARS OF AGE: 1910			PERSONS 65 YEARS OF AGE AND OVER: 1910		
	Total.	Illiterate.		Total.	Illiterate.		Total.	Illiterate.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
Total population	11,657,687	940,510	8.1	13,424,083	1,436,907	10.7	3,949,624	573,799	14.5
Male.....	6,153,366	466,237	7.6	7,163,332	672,684	9.4	1,985,976	248,876	12.5
Female.....	5,504,321	474,273	8.6	6,260,757	764,223	12.2	1,963,648	324,924	16.5
White	10,512,117	569,403	5.4	12,249,904	821,957	6.7	3,640,003	342,420	9.4
Male.....	5,561,221	303,719	5.5	6,518,282	387,641	5.9	1,825,019	135,102	7.4
Female.....	4,950,896	265,684	5.4	5,731,622	434,316	7.6	1,814,984	207,318	11.4
Negro	1,088,562	351,858	32.3	1,108,103	584,514	52.7	294,124	219,255	74.5
Male.....	550,130	152,132	27.7	565,554	267,588	47.3	152,482	107,877	70.7
Female.....	538,432	199,726	37.1	542,549	316,926	58.4	141,642	111,378	78.6
Indian	26,795	15,291	57.1	32,325	24,397	74.1	12,986	11,372	87.6
Male.....	13,847	6,951	50.2	17,055	11,679	68.5	6,130	5,178	84.5
Female.....	12,948	8,340	64.4	15,270	12,718	83.3	6,856	6,194	90.3
Chinese	15,402	2,205	14.3	29,647	5,436	18.3	2,330	717	30.8
Male.....	14,748	1,948	13.2	29,113	5,203	17.9	2,268	683	30.1
Female.....	654	257	39.5	534	233	43.6	62	34	54.5
Japanese	13,945	1,493	10.7	3,219	451	14.0	40	10	25.0
Male.....	12,865	1,277	9.9	3,045	422	13.9	38	10	25.0
Female.....	1,080	216	20.0	174	29	16.7	2	0	0.0
Native white	7,800,549	235,489	3.0	8,857,386	446,856	5.0	2,456,654	179,219	7.3
Male.....	3,997,696	139,458	3.5	4,623,547	217,383	4.7	1,218,011	73,035	6.0
Female.....	3,802,854	115,031	3.0	4,233,839	229,472	5.4	1,238,643	106,184	8.6
Native parentage	5,495,765	210,694	3.8	6,740,000	405,784	6.0	2,201,068	167,099	7.6
Male.....	2,854,044	107,355	3.9	3,547,325	197,258	5.6	1,089,349	67,752	6.2
Female.....	2,641,722	103,339	3.9	3,192,675	208,526	6.5	1,111,719	99,347	8.9
Foreign or mixed parentage	2,304,785	24,795	1.1	2,117,886	41,071	1.9	255,586	12,120	4.7
Male.....	1,143,651	13,133	1.1	1,076,222	20,125	1.9	128,662	5,283	4.1
Female.....	1,161,132	11,662	1.0	1,041,164	20,946	2.0	126,924	6,837	5.4
Foreign-born white	2,711,568	333,914	12.3	3,392,518	375,162	11.1	1,183,349	163,201	13.8
Male.....	1,563,526	183,231	11.7	1,894,735	170,258	9.0	697,008	62,667	10.2
Female.....	1,148,042	150,683	13.1	1,497,783	204,844	13.7	576,341	101,134	17.5

While in the whole urban population 10 years of age and over in 1910, 5.1 per cent were illiterate, in the rural population the percentage was 10.1, or almost double. The contrast between urban and rural illiteracy is by far the greatest in the case of the native whites of native parentage, of whom less than 1 per cent were illiterate in urban communities and over 5 per cent in rural districts. There was also a much higher percentage of illiteracy among the negroes in rural districts than in urban communities.

The differences here observed between the percentages of illiteracy in the urban and the rural population explain in part the differences in the proportion of illiteracy among the different classes of the population as a whole. Because of the high proportion of the native whites of native parentage and of the negroes living in rural districts, the percentage of illiteracy for each of these two classes as a whole approaches the percentage indicated for that portion of the class living in the rural districts. On the other hand, the native whites of foreign or of mixed parentage are largely city dwellers, and their general percentage approaches the urban percentage more closely than the rural.

It may be noted that the considerable divergence between the native whites of native parentage and those of foreign or mixed parentage almost disappears when the figures for the two classes are compared for urban communities. Further light upon the differences among the various classes can be gained from a study of the geographic distribution of illiteracy.

DIVISIONS AND STATES.

The significance of the number of illiterates can be seen most clearly when a comparison is made with the aggregate population in which the illiterates are contained. It has seemed advisable in some cases, however, to give the number and percentage of illiterates without the aggregate population on which the percentage is based, it being understood that the figures representing the total population in any age group may be found in Chapter 3, relating to age. The importance, however, for the study of illiteracy, of the population 10 years of age and over makes it desirable to print here for convenience of reference the statistics of this population classified according to sex and color or race, nativity, and parentage, for divisions and states (Table 29, page 244).

Percentage of illiteracy.—Table 30 (page 247) gives by divisions and states for 1910 and 1900 the number and percentage illiterate, with separate figures for the most important of the color or race, nativity, and parentage classes. Table 28 presents in more compact form the percentages alone for the divisions, and for the larger sections of the country—the North, the South, and the West, which comprise respectively the first four, the next three, and the last two divisions.

Table 28 PERCENTAGE OF ILLITERATES IN POPULATION 10 YEARS OF AGE AND OVER: 1910

DIVISION AND SECTION	All classes.		Native white.				Foreign-born white.		Negro.	
	1910	1900	Native parentage.		Foreign or mixed parentage.		1910	1900	1910	1900
			1910	1900	1910	1900				
United States.....	7.7	10.7	3.7	5.7	1.1	1.6	12.7	12.9	30.4	44.5
New England.....	5.3	6.0	0.7	0.9	1.3	2.1	13.8	16.2	7.8	11.6
Middle Atlantic.....	5.7	5.8	1.2	2.0	0.8	1.2	15.8	15.8	7.9	14.2
East North Central.....	3.4	4.3	1.7	2.8	0.9	1.4	10.1	10.2	11.0	18.5
West North Central.....	2.9	4.1	1.7	2.9	0.7	1.1	7.6	8.0	14.9	25.4
South Atlantic.....	16.0	23.9	8.0	12.0	1.2	2.1	13.5	12.9	32.5	47.1
East South Central.....	17.4	24.9	9.6	13.6	1.7	2.6	9.7	10.4	34.8	49.2
West South Central.....	13.2	20.5	5.6	9.2	7.7	9.1	25.6	27.2	33.1	48.0
Mountain.....	6.9	9.6	3.6	7.1	1.2	1.9	12.5	10.6	8.0	13.5
Pacific.....	3.0	4.2	0.4	0.8	0.5	0.9	8.0	7.3	6.3	12.7
The North.....	4.3	5.0	1.4	2.4	0.9	1.4	12.7	12.8	10.5	18.2
The South.....	15.6	23.3	7.7	11.8	4.3	5.1	18.8	19.1	33.3	48.0
The West.....	4.4	6.3	1.7	3.4	0.8	1.3	9.5	8.5	7.0	13.1

In the total population 10 years of age and over the percentage of illiteracy in 1910 was practically the same in the North and the West, but it was much greater in the South. The division showing the lowest proportion of illiterates was the West North Central, where only 2.9 per cent of the population 10 years of age and over were reported as illiterate, while the highest proportion, 17.4, was reported for the East South Central division. In the North the percentage of illiteracy was somewhat higher in the Middle Atlantic and New England divisions, where the foreign born are more numerous, than in the two central divisions. The percentage of illiteracy was decidedly higher in the Mountain division than in the Pacific, but it should be noted that this higher percentage is mainly due to exceptionally high percentages in two states—New Mexico and Arizona.

In all divisions the percentage of illiteracy for native whites of native parentage was lower than that for the total population. The lowest percentage of illiteracy in this class in any division was in the Pacific, where

only 0.4 per cent were reported as illiterate, and the highest percentage, 9.6, in the East South Central. The proportion of illiterates among the native whites of native parentage was considerably lower in New England than in the other divisions of the North.

Among the native whites of foreign or mixed parentage the percentage of illiteracy was very small, falling below 2 in all divisions except the West South Central. In the last-named division illiterates formed 7.7 per cent of the population of this class 10 years of age and over, this high figure being mainly due, however, to the exceptionally high percentage in the state of Texas. The proportion of illiterates among the native whites of foreign or mixed parentage was less than among those of native parentage in all of the divisions except the West South Central, New England, and Pacific.

The highest percentage of illiteracy among the foreign-born whites was in the West South Central division and the lowest in the West North Central. Of the divisions where the foreign-born whites are numerous, the Middle Atlantic shows the highest percentage of illiteracy for this class and New England the next highest. The percentage of illiteracy among the negroes was highest, 34.8, in the East South Central division. In the South as a whole in 1910 one-third of the negroes were illiterate. In the North, where the negroes are comparatively few, the percentage of illiteracy was 10.5, and in the West, where their numbers are insignificant, the percentage of illiteracy was only 7.

Comparing the figures for 1910 and 1900, it will be noted that, for the population as a whole and for both native white groups and for the negroes, the percentage of illiteracy was less in every division in 1910 than in 1900; considerably less, except for the population as a whole, in the Middle Atlantic division, where the figures were affected by a rather large increase in the proportion of foreign born in the total population. The decline in the proportion of illiterates among the negroes for the South as a whole, from nearly one-half in 1900 to one-third in 1910, is particularly conspicuous.

The percentages of illiterates in the several states among the different population classes conform in the main to those of the division in which the state is located. The figures showing the number and per cent of illiterates in each class by states are given in Table 30, page 245, and are graphically illustrated by the maps on pages 246 and 247.

POPULATION 10 YEARS OF AGE AND OVER, BY DIVISIONS AND STATES: 1910.

Table 29

DIVISION AND STATE.	TOTAL.		Male: 1910	Female: 1910	White: 1910	Negro: 1910	Indian, Chinese, Japanese, and all other: 1910	NATIVE WHITE.		Foreign- born white: 1910
	1910	1900						Native parentage: 1910	Foreign or mixed parentage: 1910	
United States	71,580,270	57,949,824	37,027,558	34,552,712	63,933,870	7,317,922	328,478	37,081,278	13,908,063	12,944,529
GEOGRAPHIC DIVISIONS:										
New England.....	5,330,914	4,524,602	2,649,897	2,681,017	5,270,232	55,321	5,361	2,135,801	1,377,187	1,757,244
Middle Atlantic.....	15,446,515	12,167,559	7,863,584	7,582,931	15,079,257	351,546	15,712	6,365,900	3,851,367	4,661,990
East North Central.....	14,568,949	12,443,302	7,529,768	7,039,181	14,297,034	254,545	17,850	7,370,025	3,941,206	2,985,823
West North Central.....	9,097,311	7,838,564	4,807,164	4,290,147	8,800,838	203,641	32,832	4,798,510	2,482,634	1,579,694
South Atlantic.....	9,012,836	7,616,169	4,528,942	4,483,884	6,018,022	2,986,936	7,868	5,397,864	339,771	280,387
East South Central.....	6,178,578	5,474,227	3,116,286	3,062,292	4,215,944	1,960,898	2,186	3,945,830	184,771	81,893
West South Central.....	6,394,043	4,649,988	3,334,078	3,059,959	4,881,289	1,460,705	52,049	4,101,510	449,348	330,431
Mountain.....	2,654,249	1,276,076	1,185,047	869,202	1,965,656	18,755	69,833	1,081,180	461,408	423,068
Pacific.....	3,496,885	1,859,347	2,012,792	1,484,693	3,346,028	25,575	125,282	1,084,658	820,371	840,999
NEW ENGLAND:										
Maine.....	603,893	565,440	307,375	296,518	601,890	1460	837	406,951	89,603	105,336
New Hampshire.....	354,118	337,893	178,151	175,967	353,543	480	1,585	193,583	66,984	92,976
Vermont.....	289,128	278,943	148,686	140,442	287,653	1,446	29	183,292	56,707	47,654
Massachusetts.....	2,742,684	2,267,048	1,340,517	1,402,167	2,707,729	31,718	3,237	900,749	786,386	1,020,594
Rhode Island.....	440,065	344,824	210,221	220,844	431,632	7,913	520	129,279	130,449	171,904
Connecticut.....	901,026	730,454	455,947	445,079	887,785	12,598	643	321,947	247,058	318,780
MIDDLE ATLANTIC:										
New York.....	7,410,819	5,801,682	3,727,218	3,683,601	7,284,110	115,843	10,866	2,539,893	2,109,639	2,634,578
New Jersey.....	2,027,946	1,480,498	1,029,649	998,297	1,951,911	74,577	1,458	788,065	526,998	636,848
Pennsylvania.....	6,007,759	4,885,379	3,106,717	2,901,033	5,843,236	161,126	3,388	3,237,942	1,214,730	1,390,564
EAST NORTH CENTRAL:										
Ohio.....	3,848,747	3,289,921	1,970,927	1,878,720	3,754,104	93,910	733	2,352,681	822,149	579,274
Indiana.....	2,160,405	1,968,215	1,108,767	1,051,638	2,109,222	50,650	533	1,654,670	298,956	155,596
Illinois.....	4,493,734	3,727,745	2,333,230	2,160,504	4,398,331	92,928	2,475	1,941,879	1,287,893	1,168,559
Michigan.....	2,236,252	1,896,265	1,163,835	1,072,417	2,215,706	14,557	5,989	919,837	716,066	579,803
Wisconsin.....	1,829,811	1,561,156	953,909	875,902	1,819,691	2,560	7,620	500,958	816,142	502,591
WEST NORTH CENTRAL:										
Minnesota.....	1,628,635	1,305,657	882,046	746,589	1,615,427	6,366	6,842	389,726	691,786	533,915
Iowa.....	1,760,286	1,711,739	912,728	847,558	1,747,403	12,380	503	962,435	515,722	209,246
Missouri.....	2,594,600	2,371,865	1,334,851	1,259,749	2,461,353	132,385	862	1,792,819	444,956	223,578
North Dakota.....	424,739	229,161	240,658	184,072	419,422	546	4,752	108,422	160,559	150,451
South Dakota.....	443,466	294,394	245,991	197,475	428,265	697	14,504	170,391	159,540	98,334
Nebraska.....	924,032	799,735	491,706	432,326	913,984	6,725	3,323	465,425	276,062	172,497
Kansas.....	1,321,562	1,126,033	699,184	622,378	1,274,974	44,542	2,046	908,292	234,009	131,673
SOUTH ATLANTIC:										
Delaware.....	163,080	145,500	83,787	79,293	138,265	24,777	38	102,321	19,004	16,940
Maryland.....	1,023,950	920,715	507,421	516,529	843,047	180,454	449	590,715	151,381	100,951
District of Columbia.....	279,088	231,837	131,983	147,105	198,658	79,964	466	136,907	37,996	23,755
Virginia.....	1,536,227	1,364,501	770,504	765,793	1,039,333	496,418	546	985,058	28,636	25,639
West Virginia.....	903,822	701,046	483,221	420,601	852,778	50,925	119	756,184	41,948	54,046
North Carolina.....	1,578,595	1,346,734	781,434	797,161	1,082,797	490,395	5,403	1,070,405	6,658	5,734
South Carolina.....	1,078,161	927,402	541,692	546,629	893,820	584,664	277	478,726	9,183	5,911
Georgia.....	1,885,111	1,577,334	939,791	945,320	1,008,626	846,195	290	1,003,230	20,740	14,656
Florida.....	564,722	385,490	299,109	265,613	330,698	283,744	280	274,348	24,225	32,155
EAST SOUTH CENTRAL:										
Kentucky.....	1,722,644	1,589,685	874,306	848,338	1,512,398	210,028	218	1,360,814	112,013	39,571
Tennessee.....	1,621,179	1,480,948	817,174	804,005	1,260,304	360,663	212	1,210,016	32,303	17,985
Alabama.....	1,541,575	1,304,703	773,415	768,160	878,570	662,556	640	835,692	24,587	18,291
Mississippi.....	1,293,180	1,098,891	651,391	641,789	564,222	727,851	1,107	539,808	15,868	9,046
WEST SOUTH CENTRAL:										
Arkansas.....	1,134,087	934,332	588,133	545,954	806,683	327,009	395	761,189	29,040	16,454
Louisiana.....	1,213,575	990,364	612,534	601,042	686,979	525,450	1,147	545,698	90,948	50,333
Oklahoma ¹	1,197,476	561,379	648,116	549,360	1,047,254	101,157	49,065	934,912	73,278	39,064
Texas.....	2,848,904	2,163,913	1,485,295	1,363,609	2,340,373	507,089	1,442	1,559,711	256,682	224,580
MOUNTAIN:										
Montana.....	303,551	191,596	190,263	113,288	291,125	1,633	10,793	124,768	76,901	89,456
Idaho.....	249,018	119,837	146,783	102,235	243,544	578	4,886	145,414	58,511	39,619
Wyoming.....	177,585	72,062	77,260	40,325	112,567	2,024	2,994	62,033	24,153	26,381
Colorado.....	640,846	425,424	350,684	290,162	627,167	9,990	3,689	369,666	135,085	123,026
New Mexico.....	240,990	141,282	131,828	109,162	225,048	1,344	14,598	185,205	18,608	21,235
Arizona.....	157,659	94,147	94,812	62,847	133,843	1,691	22,125	61,983	28,136	43,724
Utah.....	274,778	196,769	147,009	127,769	269,016	1,026	4,736	104,565	102,611	61,840
Nevada.....	69,822	34,959	46,408	23,414	63,346	469	6,007	28,156	17,403	17,787
PACIFIC:										
Washington.....	933,556	408,437	552,586	380,970	904,957	5,517	23,082	459,716	210,313	234,928
Oregon.....	555,631	328,799	324,717	230,914	539,613	1,399	14,659	331,492	107,362	100,759
California.....	2,067,698	1,222,111	1,135,489	872,209	1,901,458	18,699	87,541	893,450	502,666	505,312

¹ Includes population of Indian Territory for 1900.

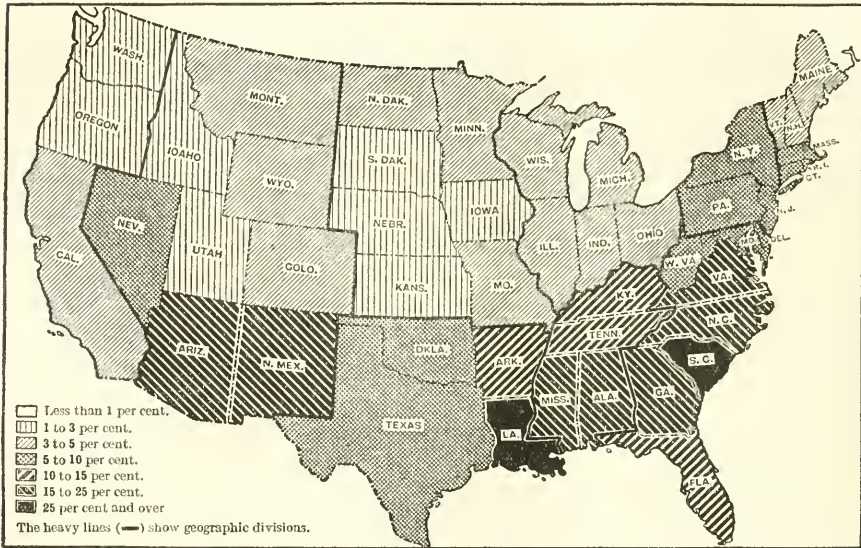
ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 30 DIVISION AND STATE.	NATIVE WHITE.																				FOREIGN-BORN WHITE.				NEGRO.							
	ALL CLASSES.								NATIVE WHITE.								FOREIGN-BORN WHITE.								NEGRO.							
	1910				1900				Native parentage.				Foreign or mixed parentage.				1910				1900				1910				1900			
	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.				
United States..	5,518,163	7.7	4,180,069	10.7	1,378,584	3.7	1,734,764	5.7	155,388	1.1	178,847	1.6	1,650,961	12.7	1,287,135	12.9	2,227,731	30.4	2,853,194	44.5												
GEOGRAPHIC DIVS.:																																
New England.....	280,806	5.3	272,402	6.0	15,551	0.7	19,262	0.9	17,606	1.3	21,637	2.1	242,513	13.8	224,988	16.2	4,341	7.8	5,681	11.6												
Middle Atlantic.....	873,812	5.7	704,134	5.8	75,908	1.2	114,083	2.0	32,343	0.8	37,670	1.2	735,244	15.8	509,436	15.8	27,811	7.9	38,594	14.2												
E. North Central.....	491,850	3.4	534,299	4.3	122,256	1.7	178,076	2.5	35,809	0.9	47,182	1.4	300,613	10.1	263,677	10.2	28,071	11.0	39,280	18.5												
W. North Central.....	263,138	2.9	324,023	4.1	81,362	1.7	117,339	2.9	17,661	0.7	21,075	1.1	120,573	7.6	120,299	8.9	30,436	14.9	48,634	25.4												
South Atlantic.....	1,444,294	16.0	1,821,346	23.9	429,618	8.0	535,163	12.0	4,191	1.2	6,367	2.1	37,934	13.5	26,437	12.9	969,432	32.5	1,250,279	47.1												
E. South Central.....	1,073,100	17.4	1,304,935	24.9	378,088	9.6	461,375	13.6	3,142	1.7	4,953	2.6	8,215	9.7	9,253	10.4	681,507	34.8	887,838	49.2												
W. South Central.....	845,694	13.2	953,644	20.5	229,807	5.6	258,017	9.2	34,737	7.7	30,622	9.1	84,674	25.6	69,086	27.2	483,022	33.1	579,489	48.0												
Mountain.....	140,737	6.9	122,901	9.6	39,253	3.6	43,743	7.1	5,754	1.2	5,773	1.9	52,550	12.5	29,939	10.6	1,497	8.0	1,840	13.5												
Pacific.....	103,822	3.0	82,385	4.2	7,941	0.4	7,706	0.8	4,145	0.5	4,168	0.9	67,645	8.0	34,020	7.3	1,614	6.3	1,559	12.7												
NEW ENGLAND:																																
Maine.....	24,554	4.1	29,060	6.1	5,776	1.4	6,880	1.7	4,048	4.5	4,514	6.7	14,394	13.7	17,195	19.4	93	8.0	155	14.2												
New Hampshire.....	16,386	4.6	21,075	6.2	1,462	0.8	2,085	1.0	1,377	2.1	1,755	3.7	13,485	14.5	17,126	20.5	51	10.6	70	11.9												
Vermont.....	30,806	3.7	36,247	5.8	2,234	1.2	3,231	1.8	2,261	4.0	3,703	6.8	6,239	13.1	9,205	21.4	69	4.8	99	14.6												
Massachusetts.....	141,541	5.2	134,043	5.9	3,428	0.4	3,912	0.5	5,739	0.7	6,827	1.2	129,412	17.7	119,582	14.6	2,584	8.1	2,853	10.7												
Rhode Island.....	33,854	7.7	29,004	8.4	944	0.7	1,196	1.0	2,309	1.8	2,518	2.8	29,781	17.3	27,592	17.7	752	9.5	1,063	14.1												
Connecticut.....	53,665	6.0	42,973	5.9	1,707	0.5	1,958	0.6	1,876	0.8	1,720	0.9	49,202	15.4	37,723	16.3	792	6.3	1,441	11.5												
MIDDLE ATLANTIC:																																
New York.....	406,020	5.5	318,100	5.5	21,292	0.8	29,188	1.3	15,026	0.7	18,162	1.1	362,025	13.7	258,423	14.0	5,768	5.0	9,180	10.8												
New Jersey.....	113,502	5.6	86,658	5.9	8,562	1.1	13,511	2.1	3,691	0.7	3,520	1.0	93,551	14.7	59,307	14.1	7,497	9.9	9,882	17.2												
Pennsylvania.....	354,290	5.9	299,376	6.1	46,054	1.4	71,384	2.5	13,626	1.1	15,988	1.6	279,668	20.1	101,706	19.9	14,638	9.1	19,532	15.1												
E. N. CENTRAL:																																
Ohio.....	124,774	3.2	131,541	4.0	39,807	1.7	56,416	2.8	7,503	0.9	10,739	1.4	66,887	11.5	50,155	11.1	10,460	11.1	14,107	17.8												
Indiana.....	66,213	3.1	90,539	4.6	36,829	2.2	57,137	3.9	4,126	1.4	6,663	2.2	18,200	11.7	16,059	11.4	6,989	13.7	10,594	22.6												
Illinois.....	168,294	3.7	157,958	4.2	32,836	1.7	48,650	2.9	7,650	0.6	9,357	0.9	117,751	10.1	86,668	9.1	9,713	10.5	12,900	18.1												
Michigan.....	74,700	3.3	80,482	4.2	9,561	1.0	12,154	1.5	8,285	1.2	10,123	1.8	54,113	9.3	54,399	10.3	826	5.7	1,256	10.9												
Wisconsin.....	57,769	3.2	73,779	4.7	3,223	0.6	3,689	1.0	8,245	1.0	10,360	1.5	43,662	8.7	56,396	11.1	113	4.5	250	11.4												
W. N. CENTRAL:																																
Minnesota.....	49,336	3.0	52,946	4.1	1,536	0.4	1,556	0.5	4,302	0.6	4,782	0.9	40,627	7.6	42,142	8.4	215	3.4	337	7.9												
Iowa.....	29,880	1.7	40,172	2.3	8,391	0.9	12,494	1.4	3,150	0.6	4,028	0.8	16,894	6.3	21,431	7.1	1,272	10.3	1,962	18.5												
Missouri.....	111,116	4.3	152,844	6.4	60,670	3.4	89,203	5.6	5,172	1.2	7,202	1.7	22,631	10.1	19,944	9.3	23,062	17.4	36,390	28.1												
North Dakota.....	13,070	3.1	12,719	5.6	349	0.3	279	0.6	1,064	0.7	784	1.1	9,474	6.3	8,432	7.8	26	4.8	31	12.8												
South Dakota.....	12,750	2.9	14,832	5.0	556	0.3	432	0.5	683	0.4	772	0.8	4,896	5.0	5,835	6.7	38	5.5	51	13.3												
Nebraska.....	18,009	1.9	17,997	2.3	2,787	0.6	3,311	0.8	1,491	0.5	1,406	0.7	12,294	7.1	11,911	6.8	482	7.2	633	11.8												
Kansas.....	28,968	2.2	32,513	2.9	7,673	0.8	10,064	1.3	1,799	0.8	2,101	1.0	13,787	10.5	16,604	8.5	5,341	12.0	9,230	22.3												
SOUTH ATLANTIC:																																
Delaware.....	13,240	3.1	17,531	12.0	3,362	3.3	5,840	6.3	163	0.9	232	1.4	3,359	19.8	2,476	18.3	6,345	25.6	8,967	38.1												
Maryland.....	73,397	7.2	101,947	11.1	17,464	3.0	23,837	4.7	1,488	1.0	2,598	1.9	12,047	11.9	12,262	13.4	42,289	23.4	63,033	35.1												
Dist. of Columbia.....	13,812	4.9	20,028	8.6	797	0.6	975	0.9	163	0.4	163	0.5	1,944	8.2	1,342	7.0	10,514	13.5	17,462	24.3												
Virginia.....	232,911	15.2	312,120	22.9	81,166	8.2	95,583	11.4	332	1.2	534	2.1	2,368	9.2	2,043	16.0	148,850	30.0	213,836	44.6												
West Virginia.....	74,866	8.3	80,105	11.4	50,580	6.7	63,008	10.4	827	2.0	1,273	3.2	13,075	23.9	4,730	21.5	10,347	20.3	11,083	32.3												
North Carolina.....	291,497	18.5	386,251	28.7	131,992	12.3	175,325	19.6	197	3.0	320	5.1	477	8.3	262	6.1	156,363	31.9	208,132	47.6												
South Carolina.....	276,980	25.7	338,659	35.9	50,112	10.5	54,177	13.9	133	1.4	198	2.1	389	6.8	344	6.5	226,242	38.7	283,883	52.8												
Georgia.....	389,775	20.7	480,420	30.5	79,875	8.0	99,948	12.2	328	1.4	483	2.5	875	6.0	833	7.0	308,639	36.5	379,067	52.4												
Florida.....	77,816	12.8																														

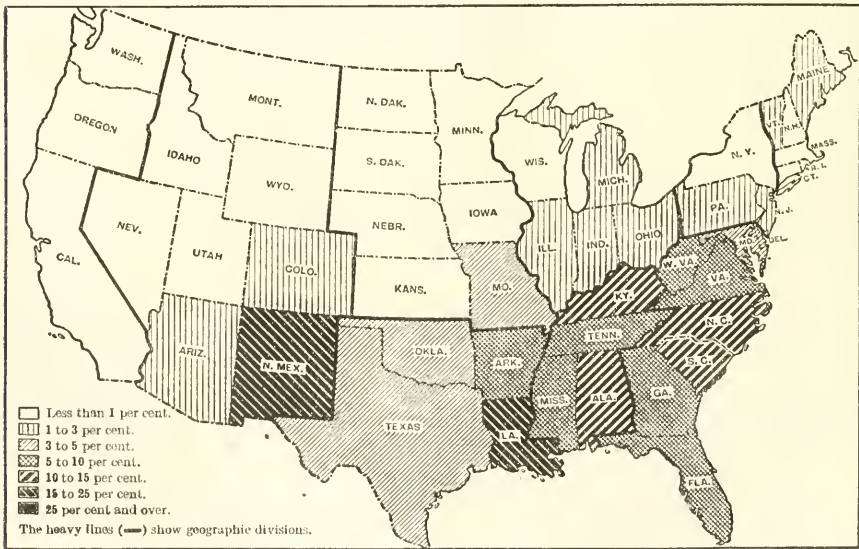
ABSTRACT OF THE CENSUS—POPULATION.

PERCENTAGE OF ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER: 1910.

TOTAL POPULATION.

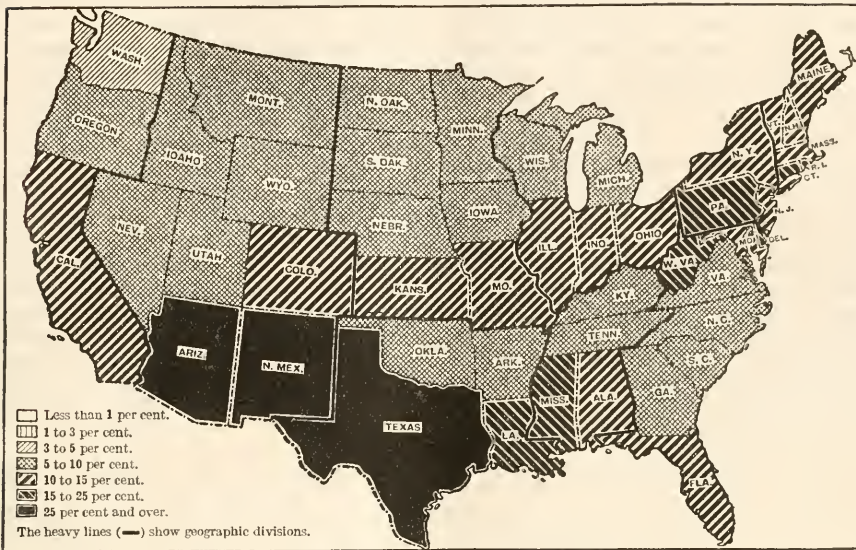


NATIVE WHITES OF NATIVE PARENTAGE.

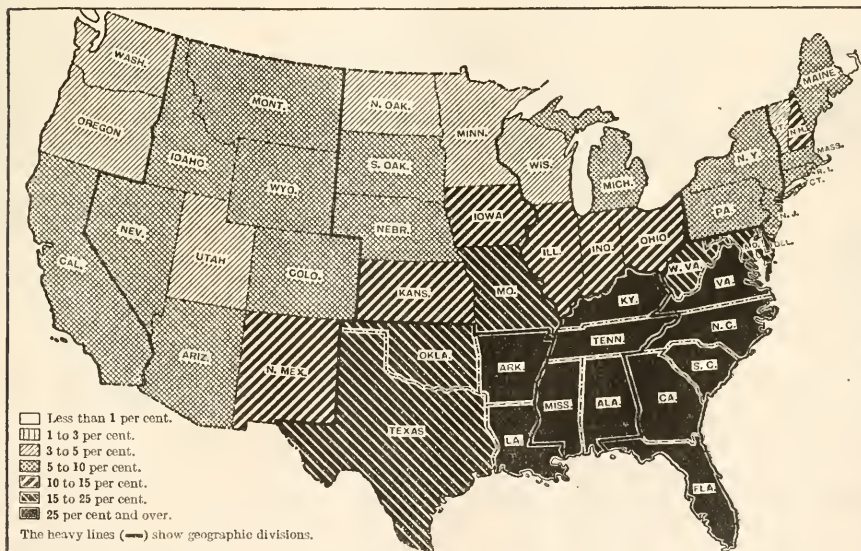


PERCENTAGE OF ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER: 1910.

FOREIGN-BORN WHITES.



NEGROES.



Illiteracy by sex.—Table 31 shows for 1910, by divisions and states, the number and percentage of illiterate males and females 10 years of age and over.

As already noted, the percentage of illiteracy for females in the United States as a whole was slightly higher than that for males. In the New England, East North Central, East South Central, and Pacific divisions, however, the percentage of illiteracy for females was slightly less than that for males, and in the West North Central division the percentages for the two sexes were the same.

Illiteracy in the urban and rural population.—Table 32, on page 249, shows by divisions for 1910 the urban and rural population 10 years of age and over, classified according to color or race, nativity, and parentage groups in each division in 1910 as urban or rural, giving the number and percentage of illiterates in each case.

In the United States as a whole the percentage of illiteracy for the total population and for each class shown in the table was considerably higher in rural districts than in urban communities. There were three divisions, however, the New England, the Middle

Atlantic, and the East North Central, in which the percentage of illiteracy was the greater in urban communities. This exception to the general rule is explained by the relatively large number of foreign-born whites living in the cities of the three divisions named. In the native groups shown, which comprise the native whites of native and of foreign or mixed parentage and the negroes, the proportion of illiterates was greater in the rural parts of all divisions than in the urban communities. The foreign-born whites showed in general a somewhat higher percentage of illiteracy in rural districts than in urban communities, but an exception to this rule appears in the case of the two North Central divisions. There is a considerable foreign-born white element in the rural population of these divisions, but the more recent growth of the foreign-born population has been in the cities, and the fact that recent immigrants appear to be somewhat more illiterate than the earlier ones furnishes an explanation of the higher percentage of illiteracy among the foreign-born whites in the urban communities than is found in the rural districts of this section of the country.

ILLITERATES IN THE MALE AND FEMALE POPULATION 10 YEARS OF AGE AND OVER, BY DIVISIONS AND STATES: 1910.

Table 31	ILLITERATES 10 YEARS OF AGE AND OVER: 1910				DIVISION AND STATE.	ILLITERATES 10 YEARS OF AGE AND OVER: 1910			
	Male.		Female.			Male.		Female.	
	Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.
United States	2,814,950	7.6	2,701,213	7.8					
GEOGRAPHIC DIVISIONS:					SOUTH ATLANTIC:				
New England	140,326	5.3	149,450	5.2	Delaware	7,022	8.4	6,218	7.8
Middle Atlantic	442,488	5.6	431,324	5.7	Maryland	36,556	7.2	36,841	7.1
East North Central	262,137	3.5	229,713	3.3	District of Columbia	5,410	4.1	8,402	7.7
West North Central	138,030	2.9	125,108	2.9	Virginia	121,329	15.7	111,582	14.6
South Atlantic	723,570	16.0	720,724	16.1	West Virginia	42,511	8.8	32,355	7.7
East South Central	542,291	17.4	529,809	17.3	North Carolina	142,108	18.2	149,389	18.7
West South Central	424,354	12.7	421,250	13.8	South Carolina	133,126	25.0	145,854	26.3
Mountain	75,242	6.3	65,495	7.5	Georgia	196,026	20.9	193,749	20.5
Pacific	66,512	3.3	37,310	2.5	Florida	39,482	13.2	38,334	14.4
NEW ENGLAND:					EAST SOUTH CENTRAL:				
Maine	15,066	4.9	9,548	3.2	Kentucky	109,877	12.6	98,207	11.6
New Hampshire	9,210	5.2	7,176	4.1	Tennessee	112,986	13.8	108,085	13.4
Vermont	6,486	4.4	4,320	3.1	Alabama	173,726	22.5	178,984	23.3
Massachusetts	67,647	5.0	73,894	5.3	Mississippi	145,702	22.4	144,533	22.5
Rhode Island	16,192	7.4	17,662	8.0	WEST SOUTH CENTRAL:				
Connecticut	25,785	5.7	27,980	6.3	Arkansas	71,243	12.1	71,711	13.1
MIDDLE ATLANTIC:					Louisiana	171,423	28.0	180,756	30.1
New York	187,107	5.0	218,913	5.9	Oklahoma	35,376	5.5	31,691	5.8
New Jersey	57,047	5.5	56,455	5.7	Texas	145,812	9.8	137,092	10.1
Pennsylvania	198,334	6.4	185,956	5.4	MOUNTAIN:				
EAST NORTH CENTRAL:					Montana	9,895	5.2	4,562	4.0
Ohio	68,385	3.5	56,389	3.0	Idaho	3,831	2.6	1,622	1.6
Indiana	35,956	3.2	30,257	2.9	Wyoming	2,869	3.7	1,005	2.5
Illinois	86,729	3.7	81,565	3.8	Colorado	12,686	3.6	11,190	3.8
Michigan	41,617	3.6	33,183	3.1	New Mexico	20,965	15.9	27,732	25.4
Wisconsin	29,450	3.1	28,319	3.2	Arizona	18,183	19.2	14,770	23.5
WEST NORTH CENTRAL:					Utah	3,890	2.7	2,831	2.2
Minnesota	25,819	2.9	23,517	3.1	Nevada	2,929	6.1	1,873	8.0
Iowa	15,633	1.7	14,256	1.7	PACIFIC:				
Missouri	58,106	4.4	53,010	4.2	Washington	11,724	2.1	6,692	1.8
North Dakota	6,645	2.8	6,425	3.5	Oregon	5,722	3.2	3,144	3.4
South Dakota	6,216	2.5	6,534	3.3	California	47,574	4.2	27,328	3.1
Nebraska	9,469	1.9	8,520	2.0					
Kansas	16,122	2.3	12,846	2.1					

The very much higher percentage of illiteracy shown for the native whites of native parentage in the United States as a whole than for the native whites of foreign or mixed parentage is due in large part to the exceptionally high percentages of illiteracy among the native whites of native parentage in the southern divisions, where this nativity class makes up by far

the greater part of the white population. These exceptionally high percentages for the southern divisions are in turn due principally to the very large proportion of illiterates in the rural population of the South, in which section of the country somewhat more than three-fourths of the total population in 1910 resided in rural districts.

ILLITERATES IN THE URBAN AND THE RURAL POPULATION 10 YEARS OF AGE AND OVER, BY DIVISIONS: 1910.

Table 32 DIVISION AND CLASS OF COMMUNITY.	ALL CLASSES.			NATIVE WHITE.						FOREIGN-BORN WHITE.				NEGRO.	
	Illiterate.			Native parentage.			Foreign or mixed parentage.			FOREIGN-BORN WHITE.				NEGRO.	
				Illiterate.			Illiterate.			Total.		Illiterate.		Total.		Illiterate.
	Total.	Num-ber.	Per-cent.	Total.	Num-ber.	Per-cent.	Total.	Num-ber.	Per-cent.	Total.	Num-ber.	Per-cent.	Total.	Num-ber.	Per-cent.
United States.....	71,580,270	5,516,163	7.7	37,081,278	1,378,864	3.7	13,908,063	155,388	1.1	12,944,529	1,650,361	12.7	7,317,922	2,227,731	30.4
Urban.....	34,649,175	1,788,132	5.1	14,002,547	130,906	0.9	8,888,097	60,394	0.7	9,331,994	1,172,491	12.6	2,231,353	353,273	17.6
Rural.....	36,931,095	3,748,031	10.1	23,078,631	1,247,978	5.4	4,919,966	84,394	1.7	3,612,535	477,870	13.2	5,086,569	1,834,458	36.1
NEW ENGLAND.....	5,330,914	280,806	5.3	2,135,801	15,551	0.7	1,377,187	17,606	1.3	1,757,244	242,513	13.8	55,321	4,341	7.8
Urban.....	4,434,412	247,143	5.6	1,507,336	7,918	0.5	1,248,177	13,002	1.0	1,623,609	222,030	13.7	51,025	3,614	7.1
Rural.....	896,502	33,663	3.8	628,465	7,633	1.2	129,010	4,604	3.6	133,635	20,483	15.3	4,296	727	16.9
MIDDLE ATLANTIC.....	15,446,515	873,812	5.7	6,565,900	75,908	1.2	3,851,367	32,343	0.8	4,661,990	735,244	15.8	351,546	27,811	7.9
Urban.....	11,033,550	644,618	5.8	3,653,752	21,034	0.6	3,171,581	19,556	0.6	3,910,013	582,756	14.9	288,414	20,089	7.0
Rural.....	4,412,965	229,194	5.2	2,912,148	54,874	1.9	679,786	12,787	1.9	751,977	152,488	20.3	63,132	7,722	12.2
EAST NORTH CENTRAL.....	14,568,949	491,850	3.4	7,370,025	122,256	1.7	3,941,206	35,809	0.9	2,985,823	300,613	10.1	254,545	28,071	11.0
Urban.....	7,831,590	277,444	3.5	3,102,539	27,193	0.9	2,400,758	12,530	0.5	2,124,920	217,771	10.2	198,669	19,229	9.7
Rural.....	6,737,359	214,406	3.2	4,267,486	95,063	2.2	1,540,448	23,279	1.5	1,860,903	82,842	9.6	55,876	8,842	15.8
WEST NORTH CENTRAL.....	9,097,311	263,138	2.9	4,798,510	81,362	1.7	2,482,634	17,661	0.7	1,579,694	120,573	7.6	203,641	30,436	14.9
Urban.....	3,203,714	86,968	2.7	1,558,468	11,732	0.8	883,660	4,626	0.5	616,718	52,693	8.5	141,823	17,454	12.3
Rural.....	5,893,597	176,180	3.0	3,240,042	69,630	2.1	1,598,974	13,035	0.8	902,976	67,880	7.0	61,818	12,982	21.0
SOUTH ATLANTIC.....	9,012,826	444,294	16.0	5,397,864	429,618	8.0	339,771	4,191	1.2	280,357	37,934	13.5	2,986,936	969,432	32.5
Urban.....	2,495,359	211,760	8.5	1,320,961	29,111	2.2	244,255	1,897	0.8	185,142	21,511	11.6	741,429	158,906	21.4
Rural.....	6,519,467	1,232,534	18.9	4,076,903	400,507	9.8	95,516	2,294	2.4	95,245	16,423	17.2	2,245,507	810,526	36.1
EAST SOUTH CENTRAL.....	6,178,578	1,072,100	17.4	3,945,830	378,088	9.6	184,771	3,142	1.7	84,993	8,215	9.7	1,960,893	681,507	34.8
Urban.....	1,279,677	122,477	9.6	760,026	16,910	2.4	130,989	1,057	0.8	56,769	5,163	9.1	421,629	100,257	23.8
Rural.....	4,898,901	949,623	19.4	3,275,804	362,178	11.1	53,782	2,085	3.9	28,124	3,052	10.9	1,539,269	581,250	37.8
WEST SOUTH CENTRAL.....	6,394,043	845,604	13.2	4,101,520	229,807	5.6	449,348	34,737	7.7	330,431	84,674	25.6	1,460,705	483,022	33.1
Urban.....	1,562,545	112,889	7.2	883,283	12,088	1.4	190,471	5,315	2.8	130,677	23,415	17.9	353,611	71,652	20.3
Rural.....	4,831,498	732,715	15.2	3,218,227	217,719	6.8	258,877	29,422	11.4	199,754	61,259	30.7	1,107,974	411,570	37.2
MOUNTAIN.....	2,054,249	140,737	6.9	1,081,180	39,253	3.6	461,408	5,754	1.2	423,068	52,950	12.5	18,755	1,497	8.0
Urban.....	772,572	23,962	3.1	384,424	3,567	0.9	198,892	1,380	0.7	168,430	16,274	8.7	13,505	939	7.0
Rural.....	1,281,677	116,775	9.1	696,756	35,686	5.1	262,516	4,374	1.7	254,638	36,676	14.4	5,250	558	10.6
PACIFIC.....	3,496,885	103,822	3.0	1,684,658	7,041	0.4	820,371	4,145	0.5	840,999	67,645	8.0	25,575	1,614	6.3
Urban.....	2,037,756	40,881	2.0	921,858	2,353	0.3	519,314	1,631	0.3	515,716	30,878	6.0	21,348	1,153	5.3
Rural.....	1,459,129	62,941	4.3	762,800	4,688	0.6	301,057	2,514	0.8	325,283	36,767	11.3	4,227	451	11.4

PRINCIPAL CITIES.

Table 33 gives a statement of illiteracy in 1910 and 1900 by color or race, nativity, and parentage for cities having a population of 100,000 or more. Somewhat less detailed statistics for cities having from 25,000 to 100,000 inhabitants are given in Table 34.

Among the 50 cities having 100,000 inhabitants or more in 1910, there were four in which the proportion of illiterates in the total population 10 years of age and over was less than 2 per cent (Seattle, 1.1 per cent; Portland, Oreg., 1.2 per cent; Spokane, 1.3 per cent; and Los Angeles, 1.9 per cent), and 10 others in which the proportion of illiterates in the total population was between 2 and 3 per cent. The two cities having the largest percentage of illiteracy were Fall River (13.2), where the high average was due to the large proportion of the foreign born in the population, and Birmingham

(10.4), where the high average was due to the large proportion of negroes. The differences between the percentages in other cities were likewise due in large part to differences in the proportions of foreign born or negroes; among the native whites there was relatively little variation in the percentage of illiteracy, which was uniformly very low.

In general, the proportion of illiterates in the total population of these 50 cities was less in 1910 than in 1900. Eighteen cities, however—Albany, Bridgeport, Chicago, Denver, Detroit, Jersey City, Minneapolis, New Haven, Oakland, Omaha, Paterson, Philadelphia, Pittsburgh, Providence, Rochester, Scranton, Syracuse, and Worcester—constituted exceptions to this rule, and in each of these cities, it will be noted, there was a considerable increase in the number of illiterates of foreign birth.

ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER IN CITIES OF 100,000 INHABITANTS OR MORE: 1910 AND 1900.

[Per cent not shown where base is less than 100.]

Table 33

CITY.	ALL CLASSES.																			
	NATIVE WHITE.										FOREIGN-BORN WHITE.					NEGRO.				
	Native parentage.				Foreign or mixed parentage.						1910		1900			1910		1900		
	1910		1900		1910		1900		1910		1900		1910		1900		1910		1900	
Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	
Albany, N. Y.	2,762	3.2	2,181	2.8	111	0.3	144	0.5	163	0.5	212	0.7	2,440	13.8	1,755	10.0	39	4.2	68	6.5
Atlanta, Ga.	10,813	8.6	11,406	15.8	1,522	2.1	1,049	2.8	23	0.5	30	0.9	259	5.9	208	8.6	9,005	20.9	10,099	35.1
Baltimore, Md.	20,323	4.4	29,148	7.2	1,931	0.6	2,351	1.3	684	0.6	1,175	1.2	8,952	12.0	8,885	12.9	9,438	13.2	16,346	25.7
Birmingham, Ala.	11,026	10.4	5,986	19.1	626	1.2	187	1.4	40	0.7	25	1.2	829	15.1	241	13.9	9,528	22.1	5,532	40.3
Boston, Mass.	24,468	4.4	23,320	5.1	1,261	0.1	165	0.1	363	0.2	412	0.3	23,371	10.0	21,557	11.3	420	3.5	786	7.9
Bridgeport, Conn.	4,440	5.4	2,969	5.3	47	0.2	47	0.3	94	0.4	92	0.6	4,235	12.1	2,727	12.6	58	5.2	123	12.6
Buffalo, N. Y.	12,745	3.7	13,152	4.8	203	0.2	255	0.4	622	0.5	654	0.6	11,838	10.3	12,142	12.0	65	4.1	81	5.4
Cambridge, Mass.	2,540	3.0	3,388	4.6	28	0.1	32	0.2	46	0.2	160	0.5	2,241	6.6	2,900	9.9	213	5.6	337	11.0
Chicago, Ill.	79,911	4.5	51,142	3.3	556	0.2	442	0.2	1,704	0.3	1,339	0.3	75,892	10.0	47,088	8.2	1,536	4.0	2,014	7.5
Cincinnati, Ohio.	9,576	3.1	8,848	3.7	1,176	1.0	590	0.8	338	0.5	672	0.6	5,296	9.6	5,114	8.9	2,503	14.3	2,468	13.8
Cleveland, Ohio.	20,676	4.6	14,691	4.7	190	0.2	177	0.3	403	0.3	391	0.4	19,721	10.5	13,094	10.7	306	4.1	487	9.4
Columbus, Ohio.	4,442	2.9	3,290	3.2	1,210	1.3	770	1.5	296	0.9	235	1.2	1,994	12.6	1,109	9.1	962	8.7	1,109	15.9
Dayton, Ohio.	2,224	2.3	1,797	2.6	295	0.5	302	1.0	152	0.5	157	0.8	1,423	10.6	918	9.3	392	9.5	354	12.4
Denver, Colo.	3,841	2.1	1,979	1.8	199	0.2	100	0.2	143	0.3	74	0.3	3,076	8.1	1,896	5.7	201	6.0	339	10.0
Detroit, Mich.	18,731	5.0	9,062	4.1	204	0.2	165	0.4	707	0.5	499	0.6	17,633	1.7	8,119	8.6	176	3.5	278	8.0
Fall River, Mass.	12,276	13.2	12,110	14.9	97	0.9	118	1.1	636	2.0	541	2.4	11,510	23.5	11,403	24.1	25	8.1	32	11.1
Grand Rapids, Mich.	2,271	2.5	2,136	3.1	61	0.2	98	0.4	84	0.3	114	0.5	2,088	7.6	1,873	8.0	28	4.8	45	8.5
Indianapolis, Ind.	5,874	3.0	6,004	4.3	1,163	0.9	1,057	1.4	194	0.5	306	1.0	2,191	11.3	1,882	11.1	2,316	12.4	2,745	20.3
Jersey City, N. J.	11,707	5.6	7,171	4.5	151	0.2	89	0.2	336	0.6	246	0.4	10,952	14.5	6,518	11.4	240	4.9	244	7.9
Kansas City, Mo.	4,937	2.3	5,258	3.9	850	0.4	544	0.7	137	0.4	148	0.5	2,192	8.9	1,958	8.8	2,038	9.6	2,935	13.5
Los Angeles, Cal.	5,258	1.9	1,956	2.3	289	0.2	262	0.6	217	0.4	142	0.7	4,101	7.0	938	5.3	389	6.0	273	15.9
Louisville, Ky.	9,886	5.3	14,567	8.8	1,142	1.3	1,252	1.9	451	1.0	613	1.3	1,627	9.5	2,304	10.8	6,662	18.7	10,337	31.1
Lowell, Mass.	5,172	6.0	8,845	8.8	46	0.3	79	0.4	194	0.7	328	1.6	4,928	11.7	6,412	16.3	3	2.7	9	7.6
Memphis, Tenn.	8,855	8.0	14,989	18.3	255	0.5	246	0.9	27	0.3	66	0.8	622	9.9	561	11.3	7,332	17.6	14,106	35.1
Milwaukee, Wis.	10,765	3.6	8,243	3.8	70	0.1	62	0.2	354	0.3	436	0.4	10,274	9.5	7,695	8.8	26	2.9	47	6.1
Minneapolis, Minn.	6,139	2.4	2,977	1.8	84	0.1	77	0.2	214	0.2	166	0.3	5,769	6.8	2,641	4.4	69	2.9	83	6.4
Nashville, Tenn.	7,947	8.8	9,460	14.4	898	1.8	1,020	3.2	33	0.5	80	1.3	265	7.0	295	9.9	6,810	22.0	8,059	32.4
New Haven, Conn.	7,502	7.0	4,875	5.6	47	0.2	57	0.2	126	0.4	86	0.3	7,179	17.4	4,465	14.9	137	4.5	248	10.3
New Orleans, La.	18,987	6.9	30,820	13.6	1,056	1.0	1,419	2.1	782	1.2	1,310	2.0	3,504	12.9	5,333	18.3	13,541	18.3	22,586	36.1
New York, N. Y.	254,208	6.7	181,835	6.8	1,322	0.2	1,367	0.3	4,391	0.4	3,977	0.5	245,095	13.2	170,638	13.9	2,893	3.6	4,362	8.3
Manhattan Borough	161,218	8.0	132,977	8.5	475	0.2	491	0.2	1,879	0.2	1,140	0.4	116,871	15.8	81,171	15.2	1,711	5.2	2,822	6.6
Bronx Borough	17,733	4.0	13,977	8.5	111	0.2	691	0.2	302	0.3	210	0.4	15,158	9.1	126,697	15.5	1,181	5.3	2,822	6.6
Brooklyn Borough	76,143	6.1	44,852	4.6	555	0.2	592	0.3	1,423	0.2	1,566	0.5	74,799	10.6	37,643	10.9	895	4.2	1,734	11.1
Queens Borough	8,374	3.8	5,171	4.5	145	0.5	102	0.4	251	0.3	192	0.5	7,819	10.1	4,551	10.3	135	5.1	288	13.2
Richmond Borough	2,690	3.9	1,876	3.5	58	0.3	80	0.5	111	0.5	77	0.5	2,448	10.4	1,639	3.4	60	6.4	116	13.3
Newark, N. J.	16,553	6.0	11,715	6.1	222	0.3	192	0.4	553	0.6	546	0.8	15,131	14.2	10,218	14.7	589	7.5	708	12.8
Oakland, Cal.	3,863	3.0	1,614	2.9	90	0.2	27	0.1	245	0.6	58	0.3	3,000	8.3	1,268	7.9	87	3.3	50	5.6
Omaha, Nebr.	2,798	2.7	1,662	2.0	92	0.2	78	0.2	92	0.3	52	0.2	2,352	8.9	1,189	5.1	249	6.3	315	10.6
Paterson, N. J.	6,927	6.9	5,191	6.3	291	0.9	269	1.5	228	0.7	316	1.2	6,335	14.5	4,346	11.6	146	11.3	213	21.7
Philadelphia, Pa.	57,700	4.6	45,546	4.4	2,219	0.5	2,108	0.5	2,257	0.6	1,971	0.7	47,467	12.9	35,926	12.1	5,385	7.8	5,882	11.1
Pittsburgh, Pa.	20,627	6.2	20,402	5.8	429	0.3	518	0.5	730	0.6	959	0.8	23,984	17.5	16,468	14.6	1,499	6.6	2,437	14.4
Portland, Oreg.	2,145	1.2	3,925	6.1	96	0.1	37	0.1	84	0.2	39	0.2	1,674	3.9	733	4.2	18	1.9	33	4.6
Providence, R. I.	14,236	7.7	10,029	7.0	156	0.3	180	0.4	551	1.0	509	1.4	13,039	17.6	8,607	16.0	434	9.7	634	15.9
Richmond, Va.	8,644	8.2	9,501	13.7	703	1.3	611	1.8	36	0.6	53	1.1	283	7.1	249	8.9	7,615	19.6	8,572	32.2
Rochester, N. Y.	6,916	3.5	3,499	2.7	146	0.2	94	0.2	198	0.3	202	0.4	6,557	11.5	3,174	7.9	11	1.4	29	5.7
St. Louis, Mo.	21,123	3.7	20,359	4.4	1,112	0.6	1,348	1.0	1,196	0.6	1,666	0.9	13,899	11.4	10,764	9.8	4,799	12.4	6,516	21.3
St. Paul, Minn.	3,751	2.1	3,956	3.1	55	0.1	54	0.2	156	0.2	176	0.4	3,459	6.3	3,570	7.7	66	2.3	145	7.3
San Francisco, Cal.	7,697	2.1	8,969	3.1	194	0.2	127	0.2	243	0.2	261	0.2	5,987	4.7	5,743	5.6	76	5.1	92	6.4
Saratoga, Pa.	8,833	8.9	6,814	8.8	174	0.6	138	1.0	452	1.2	643	2.1	8,289	24.5	5,930	20.9	16	3.3	41	9.5
Seattle, Wash.	2,217	1.1	901	1.3	66	0.1	47	0.1	47	0.1	34	0.2	1,820	3.1	402	2.2	57	2.7	20	5.5
Spokane, Wash.	1,123	1.3	554	1.8	47	0.1	7	.....	17	0.1	11	0.2	898	4.4	397	5.5	16	2.4	19	5.7
Syracuse, N. Y.	5,620	4.9	2,800	3.2	293	0.4	238	0.7	190	0.5	215	0.7	5,179	17.3	2,264	9.7	50	5.1	77	8.8
Toledo, Ohio.	3,869	2.8	3,865	3.7	462	0.8	461	1.2	281	0.6	357	1.0	2,960	9.6	2,879	10.6	71	3.3	155	10.3
Washington, D. C.	13,812	4.9	20,028	8.6	797	0.6	975	0.9	163	0.4	163	0.5	1,944	8.2	1,342	7.0	10,814	13.5	17,462	24.3
Worcester, Mass.	5,977	5.0	4,580	4.9	82	0.2	84	0.3	209	0.6	383	1.4	5,641	12.0	4,009	11.0	36	3.5	75	8.2

1 Includes population of Allegheny for 1900.

ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER, AND ILLITERATE MALES 21 YEARS OF AGE AND OVER, IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910 AND 1900.

[Per cent not shown where base is less than 100.]

CITY.	ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER.												ILLITERATES AMONG MALES 21 YEARS OF AGE AND OVER.					
	All classes.				Native white: 1910								Negro: 1910		1910		1900	
	1910		1900		Native parentage.		Foreign or mixed parentage.		Foreign-born white: 1910		Negro: 1910		Number.	Per cent.	Number.	Per cent.		
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.						
Alabama																		
Mobile	5,195	12.3	6,493	20.8	162	1.0	17	0.3	97	4.5	4,913	25.9	1,748	11.6	1,471	20.6		
Montgomery	4,223	13.4	6,478	26.7	131	1.0	1	0.1	30	4.1	4,059	23.1	1,267	11.7	2,190	23.0		
Arkansas																		
Little Rock	2,456	6.5	3,863	12.5	429	2.2	21	0.5	58	3.0	1,943	15.8	927	6.3	1,416	12.1		
California																		
Berkeley	475	1.4			5	(3)	13	0.1	394	5.3	8	3.8	250	2.0	61	1.6		
Pasadena	319	1.2			56	0.2	22	0.4	159	3.8	38	6.0	160	1.7	37	2.1		
Sacramento	534	1.4	847	3.4	36	0.2	20	0.2	373	4.3	24	5.5	264	1.4	548	5.0		
San Diego	945	1.6			33	0.2	34	0.5	412	5.8	52	9.6	268	3.8	150	2.5		
San Jose	781	3.2			44	0.4	28	0.4	638	11.2	4	2.5	371	3.8	364	5.5		
Colorado																		
Colorado Springs	221	0.9			38	0.2	10	0.2	105	3.6	65	6.9	91	1.0	48	0.7		
Pueblo	2,023	5.6	1,209	5.4	188	0.9	46	0.7	1,629	20.0	137	10.6	1,192	7.1	693	6.8		
Connecticut																		
Hartford	4,030	5.0	3,511	5.4	54	0.2	71	0.3	3,818	12.6	70	4.8	1,566	5.0	1,484	5.6		
Meriden town	1,085	4.2			11	0.2	36	0.4	1,035	11.3	3	2.7	431	4.6	369	4.5		
Meriden city	958	4.5			8	0.1	30	0.4	917	11.7	5	2.7	568	4.6	516	4.6		
New Britain	3,174	9.2	1,572	7.8	13	0.2	37	0.4	3,120	17.8	3	.....	1,272	9.1	668	8.3	
Norwich town	1,828	6.6			32	0.4	50	0.7	1,371	16.9	67	12.3	536	7.2	579	8.2		
Stamford town	1,381	6.0			31	0.4	27	0.5	1,310	13.4	13	4.5	515	6.8	336	6.1		
Stamford city	1,899	6.6			17	0.5	24	0.5	1,847	16.1	11	5.9	473	6.2	309	6.7		
Waterbury	3,557	6.2	2,036	5.7	25	0.2	68	0.4	3,429	13.9	32	5.2	1,463	7.2	927	6.8		
Delaware																		
Wilmington	4,689	6.6	5,051	8.2	219	0.6	101	0.7	2,905	21.8	1,457	18.7	2,191	8.0	2,170	9.4		
Florida																		
Jacksonville	3,829	7.9	3,204	14.1	81	0.4	5	0.2	81	3.3	3,664	14.7	1,366	7.9	992	12.1		
Tampa	2,203	7.5			66	0.7	81	2.5	1,206	13.1	850	11.5	643	5.5	519	10.5		
Georgia																		
Augusta	3,718	10.9	6,879	21.7	563	3.5	12	0.7	30	3.4	3,110	19.9	1,182	9.9	2,032	19.6		
Savannah	3,411	10.3			403	2.4	4	0.4	66	10.0	2,938	19.6	1,148	9.9	1,339	22.0		
	7,795	14.6	8,368	19.0	168	1.0	26	0.5	211	6.5	7,387	26.5	2,150	12.8	2,628	16.4		
Illinois																		
Aurora	494	2.0			23	0.2	22	0.3	427	6.5	22	8.8	245	2.5	326	4.6		
Bloomington	290	1.2			62	0.5	18	0.3	120	3.6	60	8.8	103	1.3	251	3.7		
Danville	544	2.4			219	1.4	38	0.9	115	5.8	166	13.5	227	2.7	203	4.0		
Decatur	330	1.3			111	0.6	19	0.4	139	6.0	57	8.6	142	1.5	134	2.2		
East St. Louis	2,614	5.5	1,560	6.7	156	0.7	80	0.8	1,660	18.3	715	14.6	1,493	7.1	700	7.1		
Elgin	615	2.8			32	0.4	40	0.5	515	9.2	24	16.3	242	3.1	270	4.2		
Joliet	1,619	5.8	1,465	6.4	19	0.3	40	0.4	1,514	14.9	46	10.6	964	8.4	728	8.2		
Peoria	724	1.3	1,020	2.2	120	0.4	77	0.4	423	4.9	99	7.2	286	1.2	413	2.3		
Quincy	552	1.8	1,111	3.8	106	0.7	62	0.5	188	5.2	191	13.7	198	1.7	391	3.8		
Rockford	761	2.0	503	2.0	9	0.1	13	0.1	729	5.4	9	9.1	360	2.4	129	1.5		
Springfield	1,981	4.7	1,214	4.4	195	0.9	88	0.8	1,340	20.1	350	13.9	897	5.6	465	4.7		
Indiana																		
Evansville	1,938	3.4	2,790	5.9	475	1.5	182	1.2	271	6.4	1,010	13.7	827	3.9	1,180	7.0		
Fort Wayne	1,152	2.2	653	1.8	596	2.1	137	0.8	383	5.4	35	7.0	399	2.0	248	2.0		
South Bend	1,405	3.3	1,197	4.3	111	0.6	69	0.6	1,201	9.4	18	3.5	605	3.7	536	5.2		
Terre Haute	808	1.7	1,104	3.7	376	1.1	60	0.7	215	5.8	152	6.9	341	1.8	446	4.0		
Iowa																		
Cedar Rapids	389	1.4	434	2.1	53	0.4	29	0.4	295	5.7	12	6.5	169	1.6	114	1.5		
Clinton	375	1.3			33	0.4	31	0.4	284	5.9	27	8.9	181	2.2	201	3.0		
Council Bluffs	665	2.8	462	2.3	75	0.6	22	0.4	422	10.1	36	12.4	446	4.7	194	2.6		
Davenport	382	1.1	469	1.7	29	0.2	36	0.3	261	3.3	56	11.4	165	1.2	164	1.5		
Des Moines	1,395	2.7	1,003	2.0	254	0.6	72	0.5	852	8.4	217	8.8	598	2.2	445	2.4		
Dubuque	275	0.9	335	1.8	24	0.2	44	0.3	206	3.4	1	0.4	99	0.8	156	1.4		
Sioux City	691	1.9	350	1.4	34	0.2	31	0.3	622	6.1	1	0.4	365	2.2	117	1.2		
Waterloo	311	1.4			39	0.3	19	0.3	250	9.5	3	.....	169	1.9	35	0.9	
Kansas																		
Kansas City	2,576	3.9	2,237	5.6	170	0.5	79	0.7	1,549	15.4	775	10.0	1,209	4.6	940	6.0		
Topeka	935	2.6	1,101	4.0	95	0.4	28	0.5	417	10.4	395	10.4	408	2.9	445	4.6		
Wichita	641	1.5			165	0.5	20	0.3	304	10.9	149	7.3	372	2.1	123	1.7		
Kentucky																		
Covington	1,077	2.5	1,526	4.5	253	1.1	94	0.7	209	5.3	520	20.7	434	2.8	594	5.1		
Lexington	3,766	12.5	3,128	14.1	923	5.2	11	0.6	87	9.4	2,743	28.6	1,646	14.9	1,095	14.2		
Newport	452	1.8	641	2.8	107	0.9	60	0.6	227	6.8	58	12.2	165	1.9	212	2.8		
Louisiana																		
Shreveport	3,604	15.8			54	0.6	6	0.5	172	17.6	3,362	29.7	1,116	12.9	977	20.8		
Maloe																		
Lewiston	1,777	8.4			43	0.6	203	3.7	1,523	17.1	6	.....	798	11.0	1,038	16.5	
Portland	1,393	2.8	1,591	3.8	48	0.2	40	0.4	1,291	11.0	7	2.9	588	3.2	597	3.9		

ABSTRACT OF THE CENSUS—POPULATION.

ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER, AND ILLITERATE MALES 21 YEARS OF AGE AND OVER, IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910 AND 1900—Continued.

[Per cent not shown where base is less than 100.]

CITY.	ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER.														ILLITERATES AMONG MALES 21 YEARS OF AGE AND OVER.			
	All classes.				Native white: 1910				Foreign-born white: 1910		Negro: 1910		1910		1900			
	1910		1900		Native percentage.		Foreign or mixed percentage.		Number.		Number.		Number.		Number.			
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		
Massachusetts																		
Brookton	1,222	2.6	1,033	3.2	28	0.1	30	0.2	1,141	7.6	16	3.8	543	3.0	424	3.4		
Brookline town	240	1.0			7	0.1	12	0.2	217	2.6	1	0.5	76	1.0	62	1.2		
Chelsea	2,065	8.1	1,329	4.9	26	0.4	26	0.3	2,018	15.5	9	4.4	790	7.8	488	4.8		
Chespee	1,356	7.0			8	0.2	47	1.8	1,306	13.4			596	8.5	1,002	13.4		
Everett	433	1.6			10	0.1	18	0.2	387	4.1	17	2.7	181	1.9	126	1.8		
Fitchburg	1,897	6.3	1,610	6.5	26	0.3	94	1.1	1,773	13.4			876	7.6	699	7.7		
Haverhill	1,444	4.0	1,540	5.1	34	0.2	49	0.6	1,342	12.3	16	4.8	649	4.8	576	5.2		
Holyoke	3,108	6.8	4,001	11.4	35	0.5	155	0.9	2,912	13.0	1	1.0	1,306	11.4	1,508	13.2		
Lawrence	9,067	13.2	4,191	8.4	35	0.4	179	0.9	8,778	22.2	62	27.7	3,852	14.8	1,601	9.0		
Lynn	2,261	3.0	1,540	2.7	49	0.2	63	0.3	2,102	7.9	36	6.2	1,000	3.4	587	2.7		
Malden	774	2.2	664	3.4	13	0.1	15	0.1	709	5.4	30	7.9	225	1.8	226	2.4		
New Bedford	9,350	17.0	6,055	12.2	40	0.6	100	1.0	8,423	20.8	532	23.7	4,085	14.2	2,284	13.2		
Newton	1,231	3.7	832	3.0	17	0.1	14	0.2	1,159	10.5	35	8.9	572	4.3	344	3.7		
Pittsfield	963	3.6			19	0.2	51	0.5	882	13.5	8	3.1	447	4.4	300	4.8		
Quincy	621	2.4			13	0.2	30	0.4	572	5.5	1	1.0	280	2.9	262	3.8		
Salem	2,983	6.0	2,121	7.4	21	0.2	84	0.8	1,961	15.0	4	2.8	1,015	8.0	861	8.5		
Somerville	1,232	1.9	1,318	2.7	20	0.1	27	0.1	1,163	5.7	12	6.6	538	2.4	490	2.7		
Springfield	3,311	4.5	2,127	4.2	75	0.3	156	0.8	3,015	13.5	58	4.6	1,434	5.2	874	4.7		
Taunton	2,601	9.4	1,788	7.1	89	0.9	101	1.2	2,337	24.6	72	33.3	1,267	12.4	758	8.2		
Waltham	773	3.3			121	1.4	106	1.5	537	7.2	6	2.0	279	3.5	353	5.0		
Michigan																		
Battle Creek	136	0.6			39	0.3	9	0.2	68	2.7	20	4.1	72	0.9	36	0.6		
Bay City	1,269	3.6	1,265	5.9	75	0.9	232	1.5	957	8.9	5	3.7	569	4.5	543	7.5		
Jackson	568	2.1	366	1.7	42	0.3	22	0.3	469	11.1	28	6.7	320	3.0	173	2.1		
Kalamazoo	597	1.8			129	0.7	63	0.8	372	5.7	29	5.0	266	2.1	169	2.3		
Lansing	403	1.5			37	0.2	27	0.4	318	8.2	21	1.9	205	1.9	165	3.5		
Saginaw	1,267	3.1	1,028	3.0	65	0.5	113	0.7	1,071	9.4	16	5.7	549	3.6	410	3.5		
Minnesota																		
Duluth	1,720	2.7	1,495	3.7	27	0.2	50	0.3	1,625	5.4	3	0.8	948	3.2	721	3.8		
Missouri																		
Joplin	435	1.7	516	2.5	306	1.4	20	0.9	26	2.9	82	11.7	159	1.6	195	2.3		
St. Joseph	1,534	2.4	1,742	2.1	403	1.0	86	0.7	561	7.1	480	12.9	727	2.0	712	1.1		
Springfield	689	2.4			391	1.7	22	0.7	27	2.4	248	14.9	265	2.5	267	4.1		
Montana																		
Butte	547	1.7	592	2.4	12	0.1	22	0.2	469	3.7	10	4.5	268	1.7	339	2.5		
Nebraska																		
Lincoln	1,298	3.6	607	1.9	65	0.3	20	0.3	1,177	17.5	36	5.6	458	3.3	207	1.7		
South Omaha	1,085	5.3	475	2.4	16	0.3	20	0.3	1,001	13.3	46	7.6	630	7.3	305	2.1		
New Hampshire																		
Manchester	3,374	5.9	4,655	8.9	41	0.3	186	1.2	3,145	11.1	1	1.0	1,434	7.3	1,503	10.3		
Nashua	1,447	6.8			30	0.4	64	1.2	1,353	15.7			620	8.0	982	14.6		
New Jersey																		
Atlantic City	1,767	4.5	1,145	4.9	115	0.6	29	0.5	936	15.1	670	7.6	748	4.8	455	4.9		
Bayonne	3,757	9.1	2,092	8.7	20	0.3	63	0.5	3,634	18.4	34	7.8	1,852	11.3	919	9.9		
Camden	3,314	4.4	2,414	4.0	249	0.6	109	0.7	2,241	14.7	701	14.0	1,478	5.1	967	4.3		
East Orange	367	1.3			21	0.1	18	0.3	210	3.7	117	7.4	108	1.1	92	1.6		
Elizabeth	3,943	6.9	2,542	6.4	50	0.3	103	0.6	3,866	16.0	93	8.4	1,937	8.6	1,274	8.4		
Hoboken	2,533	4.5	1,607	3.5	14	0.1	95	0.5	2,420	9.1	1	0.9	1,106	5.0	598	3.5		
Orange	1,535	6.6			19	0.3	49	0.7	1,311	16.6	155	7.6	654	7.7	650	9.8		
Passaic	6,084	15.8	3,251	14.9	20	0.4	84	1.0	6,523	23.8	54	11.9	2,241	15.0	1,011	13.4		
Perth Amboy	2,368	9.9			9	0.2	37	0.6	2,313	16.8	9	7.0	1,161	11.6	910	15.7		
Trenton	4,633	5.9	3,855	6.6	296	0.9	199	1.0	3,879	15.3	244	10.7	2,187	7.0	1,698	7.7		
West Hoboken town	678	2.4			7	0.2	28	0.3	633	4.8	3	2.2	222	2.2	114	1.8		
New York																		
Amsterdam	2,654	10.3			29	0.3	30	0.5	2,589	25.0	4	1.0	1,164	12.3	403	6.7		
Auburn	1,322	4.5	723	2.8	21	0.2	38	0.4	1,250	16.8	13	2.9	615	5.1	326	3.2		
Binghamton	1,151	2.8	712	2.1	111	0.4	29	0.4	990	13.8	21	3.7	435	2.8	264	2.2		
Buffalo	3,743	2.5	942	3.1	51	0.3	34	0.4	661	12.8	44	9.5	345	2.6	387	3.4		
Jamestown	684	2.6			11	0.1	14	0.2	658	6.4	1	1.0	316	3.2	62	0.9		
Kingston	924	4.3			93	0.8	56	0.9	730	22.0	45	9.0	403	5.3	491	7.2		
Mount Vernon	1,015	4.1			7	0.1	12	0.2	950	12.3	49	6.1	482	4.9	406	7.1		
New Rochelle	1,305	6.5	1,265	9.9	16	0.2	14	0.2	1,333	15.8	134	9.3	707	7.9	398	8.9		
Newburgh	691	3.0			29	0.3	30	0.4	611	12.9	19	3.6	300	3.5	305	2.9		
Niagara Falls	1,425	5.8			16	0.3	13	0.2	1,370	11.8	25	10.5	825	8.0	410	6.3		
Poughkeepsie	649	2.8			54	0.4	33	0.6	543	12.3	19	3.2	264	3.0	278	3.9		
Rosetonstadt	3,148	5.4	1,265	4.9	68	0.3	81	0.6	2,988	16.5	8	3.3	1,884	6.7	656	5.9		
Troy	1,279	2.0	2,301	4.6	68	0.3	110	0.5	1,074	7.1	26	4.5	475	2.1	895	5.3		
Utica	5,044	8.2	2,471	5.4	88	0.4	112	0.6	4,821	23.4	23	7.5	2,146	9.5	1,025	6.3		
Watertown	1,037	4.6			76	0.7	88	1.6	869	14.4	4	1.0	589	6.8	304	4.5		
Yonkers	5,311	8.4	1,698	4.6	34	0.2	76	0.4	5,097	19.7	90	7.0	2,491	10.6	709	5.3		
North Carolina																		
Charlotte	2,675	10.1			378	2.3	3	0.7	23	5.2	2,209	24.4	848	9.4	700	15.4		
Wilmington	3,061	14.9			302	3.1	11	1.7	27	6.2	2,717	28.2	937	13.1	968	18.0		

ILLITERACY.

ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER, AND ILLITERATE MALES 21 YEARS OF AGE AND OVER, IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS: 1910 AND 1900—Continued.

[Per cent not shown where base less than 100.]

Table 34—Continued.

CITY.	ILLITERATES IN THE POPULATION 10 YEARS OF AGE AND OVER.														ILLITERATES AMONG MALES 21 YEARS OF AGE AND OVER.			
	All classes.				Native white: 1910								Negro: 1910		1910		1900	
	1910		1900		Native parentage.		Foreign or mixed parentage.		Foreign-born white: 1910		Number.		Per cent.		Number.		Per cent.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		
Ohio																		
Akron.....	1,706	3.0	719	2.1	115	0.4	53	0.4	1,487	11.6	50	8.9	833	3.9	285	2.3		
Canton.....	1,431	3.4	462	1.9	79	0.3	52	0.6	1,292	15.4	5	2.0	856	5.1	168	1.9		
Hamilton.....	386	1.3	.....	.....	146	0.9	21	0.3	155	4.8	62	10.2	181	1.7	132	1.8
Lima.....	368	1.5	.....	.....	175	0.9	24	0.6	123	7.8	45	5.6	186	2.0	164	2.5
Lorain.....	1,228	5.6	.....	.....	7	0.1	14	0.3	1,200	11.5	7	2.3	769	7.3	235	3.0
Newark.....	263	1.3	.....	.....	80	0.5	14	0.4	148	7.4	21	7.1	137	1.6	162	3.0
Springfield.....	827	2.1	1,239	3.9	139	0.6	33	0.4	302	9.7	352	8.5	400	2.6	543	4.6		
Youngstown.....	4,513	7.1	2,759	7.9	156	0.9	38	0.5	4,272	17.8	94	5.8	2,532	9.0	1,426	10.5		
Zanesville.....	507	2.2	.....	.....	65	0.3	55	0.9	216	13.7	98	8.7	238	2.7	181	2.6
Oklahoma																		
Muskogee.....	870	4.2	.....	.....	84	0.7	3	0.2	16	3.0	763	12.1	343	3.9	127	9.6
Oklahoma City.....	735	1.4	.....	.....	100	0.3	15	0.3	245	7.7	363	6.7	381	1.5	97	2.7
Pennsylvania																		
Allentown.....	1,241	3.0	1,059	3.7	298	1.0	36	0.7	994	14.9	3	2.6	374	2.5	327	3.2		
Altoona.....	1,307	3.1	628	2.1	240	0.8	59	0.9	990	19.8	15	3.8	611	3.9	252	2.3		
Chester.....	2,085	6.6	1,869	6.9	89	0.6	49	0.7	1,392	21.5	552	13.8	1,124	9.1	851	8.4		
Easton.....	609	2.6	459	2.2	132	0.8	34	0.9	433	14.4	9	3.8	213	2.4	149	2.0		
Erie.....	1,639	3.7	1,270	3.1	63	0.3	103	0.5	1,736	12.4	13	6.0	1,054	5.2	635	4.0		
Harrisburg.....	4,338	2.7	4,363	3.6	341	0.8	82	1.1	499	12.6	444	11.5	586	2.9	580	4.9		
Hazleton.....	1,913	10.0	.....	.....	67	1.1	145	2.0	1,700	29.1	1	.....	758	11.3	286	7.8
Johnstown.....	3,912	9.0	2,533	9.3	180	0.9	112	1.3	3,591	24.4	19	5.0	2,594	13.3	1,502	13.7		
Lancaster.....	666	1.7	798	2.4	270	0.9	72	1.1	250	7.3	92	13.1	276	2.0	281	2.5		
McKeesport.....	1,336	4.1	1,918	7.6	49	0.5	34	0.4	1,210	9.9	43	6.7	628	4.9	1,017	10.4		
New Castle.....	1,834	6.4	861	3.9	70	0.5	32	0.6	1,678	20.1	48	10.8	1,048	8.9	475	5.4		
Norristown borough.....	2,037	8.8	.....	.....	529	3.7	216	4.9	1,183	30.5	128	15.8	837	9.7	259	3.9
Reading.....	2,367	3.0	2,565	4.1	658	1.3	61	1.0	1,957	18.8	23	3.4	1,075	3.7	889	4.4		
Shenandoah borough.....	4,445	23.7	.....	.....	76	2.5	137	2.5	4,231	41.6	1	.....	2,296	28.6	2,417	37.5
Wilkes-Barre.....	3,609	6.9	2,438	6.2	122	0.7	180	1.0	3,261	20.9	46	8.1	1,630	8.6	995	7.3		
Williamsport.....	364	1.4	625	2.7	111	0.6	20	0.4	178	7.8	55	7.0	164	1.8	244	3.1		
York.....	1,000	2.7	949	3.5	640	2.1	64	2.2	151	11.7	115	11.6	406	3.0	340	3.6		
Rhode Island																		
Newport.....	653	2.9	.....	.....	17	0.2	24	0.3	532	8.6	78	5.8	306	3.5	245	3.6
Pawtucket.....	2,255	5.4	1,947	6.2	68	0.7	213	1.4	1,957	11.3	11	5.8	841	5.6	681	6.1		
Warwick town.....	2,244	10.6	.....	.....	60	1.0	283	4.5	1,888	21.8	13	9.0	960	12.6	976	16.5
Woonsocket.....	2,703	9.1	3,384	15.6	37	0.9	285	2.8	2,379	15.3	2	.....	1,244	11.9	1,388	18.9	
South Carolina																		
Charleston.....	7,326	15.3	7,763	17.4	173	1.1	12	0.3	150	6.3	6,988	27.9	2,256	14.0	2,259	15.9		
Columbia.....	3,723	17.4	.....	.....	626	5.7	11	2.1	36	8.4	3,050	32.2	1,234	16.2	1,117	18.8
Tennessee																		
Chattanooga.....	3,665	9.9	3,816	15.5	467	2.5	8	0.4	85	6.6	3,104	20.7	1,440	10.1	1,347	14.7		
Knoxville.....	1,942	6.5	3,040	11.6	960	4.5	13	0.9	36	4.7	902	14.2	634	6.0	933	10.3		
Texas																		
Austin.....	1,904	7.8	.....	.....	333	2.6	82	2.6	356	14.8	1,131	18.8	750	8.7	598	9.6
Dallas.....	3,042	4.0	2,477	7.2	329	0.7	31	0.4	310	6.1	2,370	15.4	1,130	3.8	849	6.6		
El Paso.....	4,085	13.3	.....	.....	298	2.2	237	5.3	3,432	27.0	116	9.5	1,348	11.4	912	13.1
Fort Worth.....	2,289	3.8	1,113	5.3	268	0.7	45	1.0	637	15.6	1,329	12.0	1,104	4.4	352	4.2		
Galveston.....	1,550	5.1	2,250	7.5	70	0.7	82	1.0	519	8.7	845	12.2	698	5.5	729	6.6		
Houston.....	4,161	6.4	4,137	11.4	177	0.6	115	1.2	549	8.9	3,318	16.4	1,523	5.9	1,399	10.1		
San Antonio.....	7,788	10.1	4,244	10.2	918	2.7	1,304	7.3	4,387	27.0	1,174	13.2	2,621	9.4	1,985	9.6		
Waco.....	1,075	5.1	.....	.....	79	0.6	13	0.7	128	10.1	544	16.8	333	5.2	527	9.3
Utah																		
Ogden.....	299	1.5	.....	.....	20	0.2	19	0.3	214	5.0	5	2.7	149	1.9	86	2.1
Salt Lake City.....	1,148	1.6	649	1.6	69	0.3	62	0.2	809	4.4	31	4.6	575	2.0	253	1.9		
Virginia																		
Lynchburg.....	2,195	9.3	.....	.....	161	1.1	5	0.8	64	14.5	1,964	25.3	729	9.3	830	18.0
Norfolk.....	4,966	9.0	6,925	18.4	368	1.3	12	0.4	426	12.5	4,148	19.7	1,790	8.6	2,440	17.5		
Fort Smith.....	2,617	9.8	.....	.....	151	1.0	9	0.5	135	12.5	2,317	24.5	900	8.5	646	12.0
Roanoke.....	1,911	6.9	.....	.....	400	2.0	7	0.9	52	7.0	1,451	22.7	730	7.2	468	7.9
Washington																		
Tacoma.....	1,255	1.8	871	2.9	36	0.1	29	0.2	1,080	5.2	25	3.6	696	2.1	522	3.7		
West Virginia																		
Huntington.....	1,271	5.1	.....	.....	981	4.6	16	1.6	23	4.6	240	13.3	525	5.6	248	7.3
Wheeling.....	1,082	3.2	1,174	3.8	157	0.9	93	0.9	735	13.8	95	9.0	509	4.0	455	4.1		
Wisconsin																		
Green Bay.....	1,123	5.7	.....	.....	72	1.3	365	3.6	676	16.9	2	.....	524	7.6	403	8.5
La Crosse.....	637	2.5	510	2.3	14	0.2	50	0.4	571	9.5	2	.....	256	2.9	183	2.4	
Madison.....	343	1.6	.....	.....	4	(1)	15	0.2	305	7.5	6	5.2	172	2.2	178	1.4
Minneapolis.....	714	2.7	669	3.2	26	0.4	38	0.3	646	8.9	3	.....	321	3.4	352	3.4	
Oshkosh.....	1,127	3.6	940	4.3	5	0.1	36	0.2	1,081	8.9	4	3.9	586	4.7	358	4.3		
Sheboygan.....	672	3.2	.....	.....	4	0.1	35	0.4	633	7.6	.....	.....	304	3.9	398	6.6
Superior.....	850	2.7	778	3.3	10	0.1	31	0.3	789	5.9	2	1.2	479	3.1	403	3.6		

1 Less than one-tenth of 1 per cent.

ILLITERATE CHILDREN 10 TO 14 YEARS OF AGE.

United States as a whole.—The extent of illiteracy in the age group comprising children from 10 to 14 years old, inclusive, is of special significance, inasmuch as it foreshadows the proportion of illiteracy that may be expected for the whole native population in the future, if educational conditions remain unchanged. Moreover, a comparison of the figures for this age group as reported for 1910 and for 1900 will indicate, more clearly than any comparison of figures relating to the population as a whole, the changes which have taken place during the decade in the efficiency of the country's educational system. Comparative statistics of illiteracy among children from 10 to 14 years of age for 1910 and 1900 are given in Table 35.

Table 35

CLASS OF POPULATION.	CHILDREN 10 TO 14 YEARS OF AGE, INCLUSIVE.					
	1910			1900		
	Total	Illiterate.		Total.	Illiterate.	
		Number.	Per cent.		Number.	Per cent.
Total.....	9,107,140	370,136	4.1	8,080,234	577,649	7.1
White.....	7,918,408	144,675	1.8	6,959,238	240,580	3.5
Native.....	7,560,078	131,991	1.7	6,647,673	223,208	3.4
Native parentage.....	5,324,283	117,973	2.2	4,600,390	205,735	4.4
Foreign or mixed parentage.....	2,235,795	14,018	0.6	1,987,283	17,473	0.9
Foreign born.....	358,330	12,684	3.5	311,565	17,372	5.6
Negro.....	1,155,266	218,555	18.9	1,091,990	328,992	30.1

The percentage of illiteracy for children from 10 to 14 years of age declined from 7.1 in 1900 to 4.1 in 1910. The greatest relative change was among the native whites of native parentage, where the proportion of illiterates among children of this age group in 1910 was only half as great as in 1900. There was also a noteworthy diminution in the proportion for the foreign-born whites. Among the negroes the percentage of illiteracy for children 10 to 14 years of age

was still very high in 1910, being 18.9, but even this figure represented a notable reduction as compared with the percentage in 1900.

Divisions and states.—Table 36 gives, by divisions, the total population from 10 to 14 years of age, with the number and percentage illiterate, classified according to color or race, nativity, and parentage, for 1910, and the percentage of illiteracy for 1900.

In each of the four northern divisions and in the Pacific division less than 1 per cent of the children in this age group in 1910 were illiterate, the minimum percentage, 0.3, being in the East North Central division. In the three southern divisions taken together one-tenth of the children from 10 to 14 years of age were unable to write. In the Mountain division the percentage of illiteracy for this age group was smaller than in any of the southern divisions, but considerably larger than in the Pacific division. For native whites, both of native and of foreign or mixed parentage, the percentage of illiterates among children from 10 to 14 years of age was very small except in the South. The percentages for foreign-born whites were somewhat higher than for either class of the native whites in all of the divisions, and conspicuously so in the West South Central division. So far as the negro children were concerned, there was comparatively little difference in the northern and western divisions between the proportion of illiterates in this group and that among the native whites. On the other hand, the percentages of illiteracy for negro children in the southern divisions were conspicuously larger than the percentages for the white children.

A comparison of the figures shown for 1910 with those for 1900 indicates that there was in general a considerable diminution during the decade in the percentage of illiteracy among children from 10 to 14 years of age; indeed, in a great many cases the percentage in 1910 was less than half what it was in 1900.

Table 37 gives, by states, the population 10 to 14 years of age, with the number and percentage illiterate.

Table 36

DIVISION.	CHILDREN 10 TO 14 YEARS OF AGE, INCLUSIVE.																			
	All classes.						Native white.				Foreign-born white.				Negro.					
	Illiterate.			Native parentage.			Foreign or mixed parentage.		Illiterate.		Illiterate.		Illiterate.							
	Total 1910	Number 1910	Per cent.	Total 1910	Number 1910	Per cent.	Total 1910	Number 1910	Per cent.	Total 1910	Number 1910	Per cent.	Total 1910	Number 1910	Per cent.	Total 1910	Number 1910	Per cent.		
United States.....	9,107,140	370,136	4.1	7.1	5,324,283	117,973	2.2	4.4	2,235,795	14,018	0.6	0.9	358,330	12,684	3.5	5.6	1,155,266	218,555	18.9	30.1
New England.....	559,556	1,970	0.4	1.0	222,923	510	0.2	0.4	277,105	615	0.2	0.5	54,181	830	1.5	5.0	5,992	18	0.4	4.1
Middle Atlantic.....	1,226,086	7,313	0.4	0.9	862,310	2,625	0.2	0.4	675,339	1,731	0.3	0.5	137,894	3,226	2.0	5.8	29,648	247	1.0	2.6
East North Central.....	1,706,759	5,327	0.3	0.7	1,039,168	2,920	0.3	0.6	576,779	1,185	0.2	0.5	65,327	773	1.2	2.1	23,184	270	1.2	2.4
West North Central.....	1,170,674	6,697	0.6	1.4	722,854	3,687	0.5	1.6	393,447	963	0.2	0.5	29,230	772	2.6	3.1	20,281	732	3.6	7.7
South Atlantic.....	1,396,658	140,007	10.0	17.8	830,589	41,768	5.0	9.9	42,842	949	0.8	1.4	8,259	437	5.3	7.7	513,235	97,186	18.9	31.3
East South Central.....	939,343	103,295	10.7	18.2	629,684	30,561	5.8	10.7	17,025	157	0.9	1.4	1,812	306	11.4	8.6	320,476	66,509	20.7	33.1
West South Central.....	1,016,531	95,759	9.4	16.1	679,642	27,678	4.1	9.1	71,802	8,041	11.2	11.4	15,016	5,190	34.6	36.2	240,265	53,803	22.4	32.7
Mountain.....	239,610	8,228	3.4	5.4	149,849	2,551	1.7	4.3	69,816	718	1.0	1.5	10,052	832	8.3	7.8	1,286	20	1.6	2.4
Pacific.....	322,323	1,542	0.5	0.8	187,264	273	0.1	0.3	111,640	279	0.2	0.4	16,559	418	2.5	2.8	1,795	10	0.6	1.0

ILLITERATES AMONG CHILDREN 10 TO 14 YEARS OF AGE, INCLUSIVE, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 37	1910			1900			DIVISION AND STATE.	1910			1900		
	Total.	Illiterate.		Total.	Illiterate.			Total.	Illiterate.		Total.	Illiterate.	
		Number.	Per cent.		Number.	Per cent.			Number.	Per cent.		Number.	Per cent.
United States	9,107,140	370,136	4.1	8,800,234	577,649	7.1	SOUTH ATLANTIC:						
Geographic Divisions:							Delaware.....	19,308	293	1.5	18,746	845	4.5
New England.....	559,556	1,970	0.4	465,807	4,773	1.0	Maryland.....	129,605	3,257	2.5	126,217	5,859	4.6
Middle Atlantic.....	1,726,086	7,313	0.4	1,442,370	13,155	0.9	District of Columbia.....	24,649	93	0.4	22,734	3,398	1.4
East North Central.....	1,706,759	5,327	0.3	1,654,278	10,977	0.7	Virginia.....	237,653	21,917	9.2	229,837	34,612	15.7
West North Central.....	1,170,674	6,697	0.6	1,151,704	16,506	1.4	West Virginia.....	131,027	3,491	2.7	110,729	5,916	5.3
South Atlantic.....	1,336,058	140,607	10.0	1,247,791	221,977	17.8	North Carolina.....	205,964	26,955	10.1	235,325	61,190	21.8
East South Central.....	969,343	103,256	10.7	922,170	108,028	11.8	South Carolina.....	192,490	32,858	17.1	174,363	51,536	29.6
West South Central.....	1,016,531	95,759	9.4	816,211	131,621	16.1	Georgia.....	315,217	42,861	13.6	277,865	63,329	22.8
Mountain.....	239,610	8,228	3.4	163,371	8,838	5.4	Florida.....	80,319	8,282	10.3	60,975	8,389	13.8
Pacific.....	322,923	1,542	0.5	216,520	1,794	0.8							
New England:							EAST SOUTH CENTRAL:						
Maine.....	64,588	493	0.8	60,307	1,255	2.1	Kentucky.....	252,905	15,233	6.0	251,633	21,247	8.4
New Hampshire.....	36,271	123	0.3	32,837	557	1.7	Tennessee.....	243,328	18,285	7.5	243,773	36,375	14.9
Vermont.....	31,431	105	0.3	30,170	287	1.0	Alabama.....	253,196	41,537	16.4	228,685	66,072	28.9
Massachusetts.....	284,960	697	0.2	229,330	1,547	0.7	Mississippi.....	219,914	28,238	12.8	198,065	44,334	22.4
Rhode Island.....	47,014	200	0.6	36,739	691	1.9							
Connecticut.....	95,272	262	0.3	76,855	430	0.6	WEST SOUTH CENTRAL:						
Middle Atlantic:							Arkansas.....	179,579	14,830	8.2	166,481	26,972	16.2
Ohio.....	785,826	2,619	0.3	643,788	4,740	0.7	Louisiana.....	193,791	47,734	24.6	169,355	55,691	32.9
New Jersey.....	228,085	1,163	0.5	174,347	2,069	1.2	Oklahoma.....	186,069	4,531	2.4	97,169	13,467	13.9
Pennsylvania.....	711,565	3,531	0.5	654,241	6,326	1.0	Texas.....	456,792	28,674	6.3	383,177	35,491	9.3
East North Central:							Mountain:						
Illinois.....	425,602	1,394	0.3	414,847	2,468	0.5	Montana.....	29,686	398	1.3	19,397	374	1.9
Indiana.....	255,568	714	0.3	264,822	1,453	0.5	Idaho.....	10,929	112	0.4	16,952	269	1.2
Illinois.....	520,955	1,805	0.3	494,800	4,044	0.8	Wyoming.....	10,829	57	0.5	7,843	72	0.9
Michigan.....	258,480	758	0.3	247,617	1,744	0.7	Colorado.....	69,638	665	0.9	48,871	742	1.5
Wisconsin.....	246,154	746	0.3	232,112	1,688	0.7	New Mexico.....	34,008	3,824	11.1	21,649	4,534	19.9
							Arizona.....	18,091	2,750	15.2	11,671	2,592	22.2
							Utah.....	40,070	269	0.7	33,370	220	0.7
							Nevada.....	4,936	213	4.3	3,388	275	8.1
West North Central:							Pacific:						
Minnesota.....	214,402	565	0.3	192,064	1,365	0.7	Washington.....	92,802	332	0.4	48,233	340	0.7
Iowa.....	222,577	536	0.2	239,549	883	0.4	Oregon.....	55,776	112	0.2	41,398	175	0.4
Missouri.....	324,191	3,744	1.2	347,965	11,600	3.4	California.....	173,945	1,098	0.6	126,889	1,279	1.0
North Dakota.....	59,392	705	1.2	35,567	836	2.4							
South Dakota.....	60,021	394	0.7	47,299	472	1.0							
Nebraska.....	121,782	310	0.3	121,743	412	0.3							
Kansas.....	168,309	443	0.3	168,277	878	0.5							

¹ Includes population of Indian Territory for 1900.

MALES 21 YEARS OF AGE AND OVER.

United States as a whole.—By reason of the political privileges which appertain to males 21 years of age and over a peculiar interest attaches to the proportion of illiterates in this class of the population, which is shown in Table 38.

Table 38	MALES 21 YEARS OF AGE AND OVER.					
	CLASS OF POPULATION.	Total.		Number illiterate.		Per cent illiterate.
		1910	1900	1910	1900	
Total	26,999,151	21,134,298	2,273,603	2,288,470	8.4	10.8
White	24,357,514	18,918,697	1,406,364	1,249,897	5.8	6.6
Native parentage.....	17,767,047	14,401,427	617,753	487,581	3.5	4.9
Foreign or mixed parentage.....	13,211,731	10,569,743	557,042	618,636	4.2	5.9
Foreign born.....	4,498,966	3,444,684	60,691	68,975	1.3	2.0
Negro	2,458,873	2,060,302	819,135	976,610	33.3	47.4
Indian	62,967	57,077	32,603	36,334	51.8	63.7
Chinese	60,427	81,018	9,452	22,476	15.6	27.7
Japanese	56,638	17,205	4,928	3,153	8.7	18.3
All other	2,738	.....	1,121	.....	40.9	.....

The percentage of illiteracy for the total male population 21 years of age and over in 1910 was 8.4. For the native whites of native parentage the percentage was 4.2, for the native whites of foreign or mixed parentage 1.3, for the foreign-born whites 11.9, and for the negroes 33.3. In the total population, and in every class except the foreign-born whites, the percentage of illiteracy among males 21 years of age and over was less in 1910 than in 1900.

Divisions and states.—The number and percentage of illiterate males 21 years of age and over in the principal color or race, nativity, and parentage groups is shown by divisions and states in Table 39.

In the total number of males 21 years of age and over the percentage of illiteracy was lowest in the West North Central division and highest in the East South Central division. The three southern divisions, which contain large numbers of negroes, had much higher proportions of illiterates among males 21 years of age and over than the northern and western divisions.

A comparison of the figures for 1910 with those for 1900 shows that, except in the Middle Atlantic division, where the proportion of illiterates remained the same, and the New England division, which shows a comparatively small decrease, there was generally throughout the United States a considerable decrease during the decade in the percentage of illiterates among males 21 years of age and over. The exceptional situation in New England and the Middle Atlantic division is due to the fact that these divisions have received a great part of the recent immigrants to the United States.

Principal cities.—Table 40 gives figures showing the number and percentage of illiterates among males 21 years of age and over in cities having 100,000 inhabitants or more, similar information in condensed form being given in Table 34 for cities having 25,000 to 100,000 inhabitants.

ILLITERATE MALES 21 YEARS OF AGE AND OVER, BY DIVISIONS AND STATES: 1910.

Table 39

DIVISION AND STATE.	ALL CLASSES.				NATIVE WHITE: 1910				FOREIGN-BORN WHITE: 1910		NEGRO: 1910	
	1910		1900		Native parentage.		Foreign or mixed parentage.		Number.	Per cent.	Number.	Per cent.
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.				
United States	2,273,603	8.4	2,288,470	10.3	557,042	4.2	60,691	1.3	788,631	11.9	819,135	33.3
GEOGRAPHIC DIVISIONS:												
New England.....	127,449	6.3	117,144	6.9	8,395	1.0	7,622	2.0	108,853	13.7	1,967	8.9
Middle Atlantic.....	401,098	6.8	308,291	6.8	34,360	1.5	12,514	1.1	340,642	15.0	11,826	8.5
East North Central.....	241,755	4.3	236,561	5.1	59,185	2.3	16,669	1.3	150,136	9.5	13,285	12.4
West North Central.....	123,369	3.5	130,603	4.5	38,518	2.6	7,651	0.9	58,309	6.7	13,468	16.2
South Atlantic.....	549,246	17.6	611,631	24.5	166,304	9.0	1,672	1.4	19,659	13.0	351,220	36.8
East South Central.....	406,530	19.4	466,085	26.0	148,311	11.1	1,482	2.1	3,631	7.8	252,677	39.3
West South Central.....	310,191	13.7	320,986	20.3	86,421	6.0	9,353	6.0	36,251	21.1	173,284	35.4
Mountain.....	63,138	6.9	50,011	8.9	12,195	2.8	2,089	1.2	31,203	12.1	707	7.9
Pacific.....	59,827	3.7	47,098	5.3	3,290	0.5	1,639	0.6	39,947	7.9	701	5.8
NEW ENGLAND:												
Maine.....	18,070	5.5	13,952	6.4	3,149	2.0	2,073	7.8	7,676	15.8	55	11.6
New Hampshire.....	8,413	6.2	10,295	7.9	859	1.1	609	3.4	6,909	16.5	29	14.5
Vermont.....	6,039	5.3	8,544	7.9	1,331	1.9	1,230	6.4	3,439	14.5	38	3.9
Massachusetts.....	61,909	6.1	53,694	6.4	1,700	0.5	2,172	1.0	56,504	12.5	1,186	9.4
Rhode Island.....	14,456	8.8	11,675	9.2	466	1.0	794	2.2	12,793	16.0	345	11.2
Connecticut.....	23,562	6.8	18,984	6.8	893	0.7	744	1.1	21,532	14.1	314	6.6
MIDDLE ATLANTIC:												
New York.....	170,030	6.0	130,004	5.9	11,443	1.3	6,383	1.0	148,703	12.2	2,295	5.0
New Jersey.....	51,086	6.6	38,305	6.9	4,216	1.5	1,207	0.8	42,347	13.7	3,052	10.7
Pennsylvania.....	179,982	7.8	139,982	7.7	18,701	1.7	4,924	1.3	149,592	20.2	6,479	10.1
EAST NORTH CENTRAL:												
Ohio.....	62,998	4.2	58,698	4.8	19,188	2.3	3,379	1.1	35,160	11.4	5,169	13.2
Indiana.....	33,583	4.1	40,016	5.6	17,641	3.0	1,953	1.7	16,602	11.9	3,312	16.0
Illinois.....	79,433	4.6	67,481	4.8	15,588	2.3	3,275	0.8	55,907	9.2	4,849	10.8
Michigan.....	38,703	4.4	39,230	5.5	5,254	1.6	4,144	1.9	28,034	9.3	397	6.3
Wisconsin.....	27,038	4.0	31,136	5.5	1,514	1.0	3,918	1.5	20,333	7.6	58	5.4
WEST NORTH CENTRAL:												
Minnesota.....	23,603	3.7	20,856	4.1	732	0.5	1,757	0.9	19,947	6.7	123	3.6
Iowa.....	14,204	2.1	17,061	2.7	4,210	1.3	1,456	0.8	7,779	5.3	626	11.6
Missouri.....	51,284	5.3	60,327	7.0	27,860	4.4	2,357	1.4	10,848	8.9	10,068	19.0
North Dakota.....	5,467	3.1	5,187	5.4	203	0.5	290	0.6	4,029	5.1	16	5.1
South Dakota.....	5,550	3.1	5,628	5.0	305	0.5	299	0.6	2,323	4.3	24	7.0
Nebraska.....	5,545	2.4	7,388	2.5	1,401	0.8	648	0.7	5,886	6.2	231	7.2
Kansas.....	14,716	2.9	14,216	3.4	3,798	1.1	849	1.0	7,497	10.1	2,380	13.5
SOUTH ATLANTIC:												
Delaware.....	6,272	10.1	7,598	14.0	1,672	4.4	68	1.1	1,692	19.3	2,829	31.3
Maryland.....	31,288	8.5	40,352	12.5	8,097	4.0	623	1.0	5,607	10.5	17,484	27.3
District of Columbia.....	5,082	4.9	7,662	8.4	325	0.7	66	0.5	810	6.9	3,801	13.8
Virginia.....	92,917	17.7	113,353	25.3	33,488	9.0	192	1.8	1,297	8.7	57,867	36.3
West Virginia.....	35,040	10.4	32,066	12.9	20,666	7.8	356	2.2	8,528	24.6	5,457	24.0
North Carolina.....	107,563	21.3	122,658	29.4	49,619	11.1	91	4.0	274	8.3	56,669	38.6
South Carolina.....	90,707	27.1	99,516	35.1	17,535	14.0	64	1.9	206	6.1	72,857	43.1
Georgia.....	141,541	22.8	158,247	31.6	29,936	8.9	149	1.9	376	4.4	111,037	41.6
Florida.....	29,886	14.0	30,849	22.1	5,026	5.1	103	2.1	1,439	8.2	23,219	25.9
EAST SOUTH CENTRAL:												
Kentucky.....	87,516	14.5	102,528	18.8	59,314	12.8	833	2.0	1,382	6.8	25,958	34.3
Tennessee.....	86,677	15.7	105,851	21.7	47,479	11.6	264	2.2	628	6.2	38,273	32.1
Alabama.....	124,494	24.3	139,649	33.7	30,389	10.9	244	2.9	1,028	9.8	92,744	43.4
Mississippi.....	107,843	25.3	118,057	33.8	11,129	6.1	141	2.3	503	11.3	95,702	41.0
WEST SOUTH CENTRAL:												
Arkansas.....	53,440	13.5	62,615	20.0	20,343	7.7	385	3.4	661	6.8	32,013	28.7
Louisiana.....	118,716	28.6	122,638	37.6	28,091	15.6	935	2.8	5,211	19.7	84,176	48.3
Oklahoma.....	28,707	6.4	21,950	10.6	14,345	4.2	479	1.7	2,188	9.3	7,896	20.1
Texas.....	109,328	10.9	113,783	15.4	23,642	3.7	7,554	9.3	28,191	25.1	49,669	29.9
MOUNTAIN:												
Montana.....	8,812	5.7	6,269	6.1	228	0.4	166	0.6	5,885	9.9	75	8.8
Idaho.....	3,416	3.1	2,936	5.4	244	0.4	109	0.5	2,036	7.9	16	3.9
Wyoming.....	2,594	4.1	1,636	4.3	120	0.4	37	0.3	1,810	9.9	50	4.8
Colorado.....	11,343	4.2	7,689	4.1	2,663	1.8	273	0.6	7,468	10.6	373	8.7
New Mexico.....	16,634	17.6	15,585	28.3	8,142	11.8	538	7.7	3,630	29.0	88	13.7
Arizona.....	14,463	19.5	11,215	25.4	5,53	1.9	744	7.0	7,447	29.0	64	8.4
Utah.....	3,477	3.3	2,470	3.7	199	0.6	173	0.5	1,959	6.0	26	4.6
Nevada.....	2,399	6.0	2,271	12.8	46	0.3	49	0.6	968	7.6	15	6.6
PACIFIC:												
Washington.....	10,580	2.4	6,635	3.4	600	0.3	240	0.3	6,993	4.7	121	3.9
Oregon.....	6,440	2.5	6,978	4.8	729	0.5	185	0.5	4,033	6.3	24	3.1
California.....	42,787	4.6	33,485	6.2	1,961	0.5	1,214	0.7	28,921	9.7	556	6.8

1 Includes population of Indian Territory for 1900.

ILLITERATE MALES 21 YEARS OF AGE AND OVER IN CITIES HAVING 100,000 INHABITANTS OR MORE: 1910.

CITY.	ALL CLASSES.				NATIVE WHITE: 1910				FOREIGN-BORN WHITE: 1910		NEGRO: 1910	
	1910		1900		Native parentage.		Foreign or mixed parentage.		Number.	Per cent.	Number.	Per cent.
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.				
Albany, N. Y.	1,219	3.8	762	2.7	45	0.4	55	0.5	1,091	13.3	19	5.0
Atlanta, Ga.	3,606	8.1	3,396	14.6	470	1.8	11	0.7	100	4.4	3,012	21.7
Baltimore, Md.	7,701	4.7	10,152	7.2	434	0.6	195	0.6	3,488	10.3	3,509	13.4
Birmingham, Ala.	4,348	10.7	2,051	16.7	182	0.9	4	0.2	380	12.9	3,790	23.0
Boston, Mass.	9,335	4.5	8,111	4.6	54	0.1	107	0.2	8,896	8.6	132	2.6
Bridgeport, Conn.	1,815	5.5	1,203	5.5	19	0.2	29	0.4	1,738	10.2	23	4.9
Buffalo, N. Y.	5,664	4.4	5,168	5.3	92	0.3	234	0.6	5,281	9.4	40	5.4
Cambridge, Mass.	973	3.2	1,097	4.1	8	0.1	12	0.2	874	6.0	73	5.3
Chicago, Ill.	35,636	5.1	20,572	4.0	216	0.2	501	0.3	34,146	9.0	546	3.1
Cincinnati, Ohio.	3,962	3.5	3,114	3.4	473	1.3	201	0.5	2,103	7.9	1,183	16.0
Cleveland, Ohio.	9,418	5.3	5,786	5.2	70	0.2	121	0.3	9,047	9.6	125	3.8
Columbus, Ohio.	2,063	3.4	1,406	3.5	397	1.1	75	0.7	1,124	13.2	459	9.1
Dayton, Ohio.	1,069	2.8	679	2.6	130	0.6	33	0.4	704	9.6	194	10.9
Denver, Colo.	1,580	2.2	716	1.7	91	0.3	54	0.3	1,214	6.3	100	5.0
Detroit, Mich.	9,709	6.5	3,587	4.5	69	0.2	251	0.6	9,310	12.4	72	3.2
Fall River, Mass.	4,942	15.6	4,158	15.5	40	1.1	201	2.6	4,687	23.2	6	4.5
Grand Rapids, Mich.	933	2.7	823	3.3	26	0.2	23	0.3	865	6.3	9	3.4
Indianapolis, Ind.	2,712	3.5	2,526	4.8	448	1.0	63	0.5	1,990	11.5	991	13.4
Jersey City, N. J.	5,519	6.8	3,094	5.1	45	0.3	96	0.4	5,267	14.0	76	3.6
Kansas City, Mo.	2,034	2.3	2,096	3.9	242	0.5	46	0.3	941	7.2	787	8.6
Los Angeles, Cal.	2,270	2.0	885	2.7	100	0.2	63	0.3	1,806	6.1	115	4.5
Louisville, Ky.	4,024	5.9	5,836	9.8	464	1.6	185	1.1	591	7.1	2,782	20.3
Lowell, Mass.	2,266	7.2	2,592	9.6	20	0.3	61	0.9	2,183	12.0	1	(1)
Memphis, Tenn.	3,163	7.1	5,745	18.3	71	0.4	6	0.2	249	7.3	8,825	16.4
Milwaukee, Wis.	5,147	4.6	3,059	4.1	22	0.1	127	0.3	4,979	8.9	9	2.3
Minneapolis, Minn.	2,770	2.6	1,205	1.9	42	0.1	73	0.3	2,605	5.8	39	3.2
Nashville, Tenn.	2,901	9.4	3,169	14.3	371	2.1	7	0.3	66	4.6	2,436	23.3
New Haven, Conn.	3,037	7.5	1,896	5.7	15	0.1	33	0.4	2,929	15.3	48	4.0
New Orleans, La.	6,301	6.5	10,078	13.4	306	0.9	236	1.0	1,828	9.8	4,330	17.1
New York, N. Y.	91,815	6.4	65,556	6.5	446	0.2	1,194	0.4	88,818	10.7	891	2.9
Manhattan Borough.	65,539	7.2	43,308	7.8	169	0.5	459	0.3	61,188	11.1	608	2.4
Brooklyn Borough.	5,714	4.5	3,600	6.2	49	0.3	83	0.2	5,481	8.0	63	6.0
Queens Borough.	28,429	6.0	16,416	4.6	161	0.2	580	0.4	27,331	11.0	241	3.4
Richmond Borough.	3,835	4.7	2,343	5.4	60	0.4	83	0.5	3,618	9.4	84	5.6
Manhattan Borough.	1,301	4.9	835	4.4	24	0.3	39	0.6	1,900	10.0	25	7.4
Newark, N. J.	6,227	6.0	4,598	6.5	95	0.4	166	0.6	5,694	11.5	216	7.2
Oakland, Cal.	1,877	3.5	741	3.6	36	0.2	75	0.6	1,494	7.7	34	2.7
Omaha, Neb.	1,429	3.3	612	1.8	47	0.3	38	0.4	1,223	8.9	110	8.8
Paterson, N. J.	2,584	7.0	1,876	6.3	69	1.0	62	0.7	2,383	11.8	50	11.0
Philadelphia, Pa.	22,222	4.7	17,588	4.5	895	0.6	776	0.7	18,287	10.9	2,108	7.5
Pittsburgh, Pa. ²	14,165	8.5	10,588	7.8	164	0.4	264	0.6	13,053	18.6	663	7.1
Portland, Ore.	1,187	1.3	3,251	8.5	49	0.1	31	0.2	865	3.4	7	1.3
Providence, R. I.	5,738	8.3	3,830	7.2	63	0.4	162	1.0	5,278	16.1	187	10.6
Richmond, Va.	3,187	8.6	3,369	14.4	288	1.5	18	0.8	112	5.5	2,765	20.8
Rochester, N. Y.	3,158	4.5	1,927	2.9	62	0.3	72	0.3	3,014	11.1	6	2.0
St. Louis, Mo.	9,106	4.1	7,026	4.1	411	0.6	397	0.5	6,315	10.0	1,875	11.4
St. Paul, Minn.	1,576	2.2	1,351	2.6	18	0.1	52	0.2	1,468	5.1	26	1.7
San Francisco, Cal.	3,321	2.0	3,596	2.8	83	0.2	75	0.2	2,083	3.5	43	5.2
Scranton, Pa.	4,515	12.2	2,985	10.6	63	0.7	146	1.4	4,299	24.6	5	2.3
Seattle, Wash.	1,373	1.4	598	1.5	21	0.1	21	0.1	1,145	3.2	24	2.0
Spokane, Wash.	709	1.8	304	2.0	16	0.1	8	0.1	556	4.5	4	1.3
Syracuse, N. Y.	2,821	6.3	1,071	3.3	86	0.5	54	0.5	2,649	17.7	27	6.2
Toledo, Ohio.	1,802	3.4	1,592	4.2	229	1.1	120	0.8	1,419	9.0	30	4.2
Washington, D. C.	5,082	4.9	7,032	8.4	325	0.7	66	0.5	810	6.9	3,801	13.8
Worcester, Mass.	2,732	6.0	1,788	5.0	34	0.3	56	0.6	2,627	11.5	9	2.3

¹ Per cent not shown where base is less than 100.² Includes population of Allegheny for 1900.

CHAPTER 8.

DWELLINGS AND FAMILIES.

Introduction.—This chapter summarizes the data collected by the Thirteenth Decennial Census with regard to the number of dwellings and families and the average number of persons per dwelling and per family. Data are presented for each state and for the principal cities. Alaska, Hawaii, Porto Rico, and other outlying possessions are not included.

In census usage a "dwelling" is any building in which one or more persons reside. A mere cabin, or a room in a warehouse, occupied by a single person, is a census dwelling, while on the other hand an apartment house containing many families constitutes only one dwelling.

The term "family" as here used means a household or group of persons, whether related by blood or not, who share a common abode, usually also sharing the same table. If one person lives alone, he constitutes a family, while on the other hand those who dwell in a hotel or institution in which many people live are also treated as forming a single family.

Notwithstanding the fact that a family under the census definition may in some instances be very large, there is no considerable difference between the average size of all families under the census usage and the average size of what are commonly termed families or households in popular speech. At the census of 1900 a distinction was made between "private families," in most of which all or nearly all of the members are related by blood or marriage, and "economic families," comprising more or less artificial groups, including boarding houses (at least those having several or many boarders), hotels, institutions, construction gangs, lumber camps, etc.

For the United States as a whole, as reported at the census of 1900, the average size of all families was 4.7 persons, and the average for private families 4.6, and in many of the states there was scarcely any difference between the two averages. In fact, the decline from census to census in the average size of "census families" is undoubtedly due to a decline in the average size of private families, resulting from a decrease in the average number of children in the "natural" family.¹ Similarly, differences between localities as to the average size of census families in general result in the main from differences in the average size of private families and "natural" families.

¹ It should, of course, be borne in mind that the "private family" is often by no means identical with a natural family. A natural family may be defined as consisting only of persons related by blood or marriage and as comprising all such persons within the particular degree of consanguinity which the individual using the term has in mind—the most common usage being, perhaps, to consider a husband and wife and their children as the unit. The members of a natural family often do not live together in the same "private family." On the other hand, many private families have servants or other members not related by blood, or members with more or less distant blood relationship.

Summary for the United States.—Table 1 shows, for the United States as a whole, the statistics regarding dwellings and families at each census from 1850 to 1910, except that the data regarding dwellings for 1860 and 1870 are omitted because they are not comparable with those for the other censuses.

CENSUS YEAR.	Population.	Number of occupied dwellings.	Number of families.	Persons to a dwelling.	Persons to a family.
1910.....	91,972,266	17,805,845	20,255,555	5.2	4.5
1900.....	75,994,575	14,430,145	16,187,715	5.3	4.7
1890.....	1 62,622,250	11,483,318	12,690,152	5.5	4.9
1880.....	50,155,783	8,955,812	9,945,916	5.6	5.0
1870.....	38,538,371	(?)	7,579,363	(?)	5.1
1860.....	27,489,561	(?)	5,210,934	(?)	5.3
1850.....	2 19,987,563	3 3,362,337	3 3,598,240	5.9	5.6

¹ Exclusive of population (325,464) specially enumerated, for which statistics as to dwellings and families are not available.

² Dwellings reported in 1860 and 1870 include both occupied and unoccupied dwellings.

³ Dwellings and families returned for free population only.

In the United States as a whole, in 1910, with a population of 91,972,266, there were 17,805,845 occupied dwellings and 20,255,555 census families. The average number of persons per dwelling was 5.2, and the average number per family, 4.5. It is obvious that the great majority of dwellings are occupied by a single family each.

At each census from 1850 to 1910, for which comparable figures are available, a decrease was shown in the average number of persons per dwelling and the average number per family. The decrease in the average number per dwelling has been due to the decrease in the average per family, the influence of which has been partly offset by the increased construction of tenements and other dwellings containing more than one family.

Divisions and states.—Table 2 shows, by geographic divisions and states, the number of dwellings and families in 1910 and the average number of persons per dwelling and per family for each of the last three censuses.

Variations among the divisions and states with respect to the average number of persons per dwelling are largely due to variations in the proportion of the population living in great cities, where there are many tenement houses, apartment houses, and other large dwellings. The average number of persons per dwelling in 1910 was greatest in the Middle Atlantic and New England divisions (6.2 and 6, respectively), and these are the divisions with the largest proportion of urban population. The average was lowest in the Mountain division (4.5). Among the states, New York, Rhode Island, Massachusetts, New Jersey, and Connecticut had an average of more than six persons per dwelling in 1910. The average was lowest in Nevada (3.6).

In 1910 the average number of persons per family was greatest in the three southern divisions (4.8 in the South Atlantic and West South Central and 4.7 in the East South Central), and smallest (4.3) in the East North Central, Mountain, and Pacific divisions. In all of the geographic divisions except the New England and Middle Atlantic the average size of families decreased from 1900 to 1910, while in those two divisions there was no change. Among the individual states, the average size of families in 1910 was greatest in Minnesota and North Carolina, 5 in each case. It was 4.9 in Virginia, West Virginia, and Texas. In no state except Nevada did the average fall below 4.1.

Urban and rural communities.—Table 3 shows statistics regarding dwellings and families in 1910 for urban and rural communities.

DIVISION AND STATE.	Population 1910	Dwellings 1910	Families 1910	PERSONS TO A DWELLING.			PERSONS TO A FAMILY.			
				1910	1900	1890	1910	1900	1890	
				United States	91,972,266	17,805,845	20,255,555	5.2	5.3	5.5	4.5	4.7	4.9
Geog. Divs.:										
New England	6,552,681	1,099,336	1,464,942	6.0	5.7	5.7	4.5	4.5	4.5	
Urban	3,093,464	4,235,675	6.2	6.0	5.9	4.6	4.6	4.7		
Rural	18,250,621	3,743,779	4,214,820	4.9	5.0	5.2	4.3	4.5	4.8	
Urban	11,637,321	2,448,083	2,932,069	4.8	5.0	5.2	4.5	4.8	5.0	
Rural	12,194,895	2,424,995	2,539,270	5.0	5.2	5.4	4.8	5.0	5.2	
Urban	8,409,901	1,732,152	1,796,832	4.9	5.1	5.5	4.7	4.9	5.3	
Rural	8,784,534	1,789,510	1,827,165	4.9	5.2	5.5	4.8	5.0	5.3	
Urban	2,635,517	589,451	614,653	4.5	4.7	5.0	4.3	4.4	4.8	
Rural	4,192,304	897,135	970,186	4.7	4.8	5.1	4.3	4.4	4.9	
Middle Atlantic										
Urban	18,250,621	3,743,779	4,214,820	4.9	5.1	5.4	4.9	4.3	4.3	
Rural	9,617,271	1,775,153	2,123,296	5.4	5.3	5.2	4.6	4.4	4.3	
Urban	8,633,590	1,968,626	2,001,524	4.4	4.3	4.3	4.3	4.3	4.3	
West North Central										
Urban	11,637,321	2,448,083	2,592,069	4.8	4.5	4.5	4.8	4.5	4.5	
Rural	3,873,716	755,821	879,829	5.1	4.6	4.6	4.5	4.4	4.4	
Urban	7,764,205	1,692,262	1,712,240	4.6	4.5	4.5	4.4	4.4	4.4	
South Atlantic										
Urban	12,194,895	2,424,995	2,539,270	5.0	4.8	4.8	5.0	4.8	4.8	
Rural	3,092,153	602,959	688,260	5.1	4.5	4.5	5.1	4.5	4.9	
Urban	9,102,742	1,821,976	1,851,010	4.9	4.7	4.7	4.9	4.7	4.9	
East South Central										
Urban	8,409,901	1,732,152	1,796,832	4.9	4.7	4.7	4.9	4.7	4.7	
Rural	1,574,229	325,380	371,179	4.8	4.2	4.2	4.8	4.2	4.2	
Urban	6,835,672	1,406,772	1,425,653	4.9	4.8	4.8	4.9	4.8	4.8	
West South Central										
Urban	8,784,534	1,789,510	1,827,165	4.9	4.8	4.8	4.9	4.8	4.8	
Rural	1,957,456	403,347	432,089	4.9	4.5	4.5	4.9	4.5	4.5	
Urban	6,827,078	1,377,163	1,395,016	5.0	4.9	4.9	5.0	4.9	4.9	
Mountain										
Urban	2,635,517	586,451	614,656	4.5	4.3	4.3	4.5	4.3	4.3	
Rural	947,511	197,088	215,987	4.8	4.4	4.4	4.8	4.4	4.4	
Urban	1,686,066	389,363	398,669	4.3	4.2	4.2	4.3	4.2	4.2	
Pacific										
Urban	4,192,304	897,135	970,186	4.7	4.3	4.3	4.7	4.3	4.3	
Rural	2,382,329	476,922	543,612	5.0	4.6	4.6	5.0	4.6	4.6	
Urban	1,809,975	420,213	426,574	4.3	4.2	4.2	4.3	4.2	4.2	

DIVISION AND CLASS OF COMMUNITY.	Population.	Dwellings.	Families.	Persons to a dwelling.	Persons to a family.
United States.....	91,972,266	17,805,845	20,255,555	5.2	4.5
Urban.....	42,623,383	7,254,242	9,499,763	5.9	4.5
Rural.....	49,348,883	10,551,603	10,755,792	4.7	4.6
NEW ENGLAND.....	6,552,681	1,099,336	1,464,942	6.0	4.6
Urban.....	5,455,345	838,112	1,189,227	6.5	4.6
Rural.....	1,097,336	261,224	275,715	4.2	4.0
MIDDLE ATLANTIC.....	19,315,892	3,093,464	3,235,675	6.2	4.6
Urban.....	13,723,373	1,879,460	2,966,286	7.3	4.6
Rural.....	5,592,519	1,214,004	1,269,389	4.6	4.4
EAST NORTH CENTRAL.....	18,250,621	3,743,779	4,214,820	4.9	4.3
Urban.....	9,617,271	1,775,153	2,123,296	5.4	4.3
Rural.....	8,633,590	1,968,626	2,001,524	4.4	4.3
WEST NORTH CENTRAL.....	11,637,321	2,448,083	2,592,069	4.8	4.5
Urban.....	3,873,716	755,821	879,829	5.1	4.5
Rural.....	7,764,205	1,692,262	1,712,240	4.6	4.4
SOUTH ATLANTIC.....	12,194,895	2,424,995	2,539,270	5.0	4.8
Urban.....	3,092,153	602,959	688,260	5.1	4.5
Rural.....	9,102,742	1,821,976	1,851,010	4.9	4.9
EAST SOUTH CENTRAL.....	8,409,901	1,732,152	1,796,832	4.9	4.7
Urban.....	1,574,229	325,380	371,179	4.8	4.2
Rural.....	6,835,672	1,406,772	1,425,653	4.9	4.8
WEST SOUTH CENTRAL.....	8,784,534	1,789,510	1,827,165	4.9	4.8
Urban.....	1,957,456	403,347	432,089	4.9	4.5
Rural.....	6,827,078	1,377,163	1,395,016	5.0	4.9
MOUNTAIN.....	2,635,517	586,451	614,656	4.5	4.3
Urban.....	947,511	197,088	215,987	4.8	4.4
Rural.....	1,686,066	389,363	398,669	4.3	4.2
PACIFIC.....	4,192,304	897,135	970,186	4.7	4.3
Urban.....	2,382,329	476,922	543,612	5.0	4.4
Rural.....	1,809,975	420,213	426,574	4.3	4.2

As might be expected, the average number of persons per dwelling is materially higher in urban than in rural communities, except for the three southern divisions, the respective figures for the United States as a whole in 1910 being 5.9 and 4.7. The difference is particularly conspicuous in the Middle Atlantic division, in which the city of New York is situated. The average number of persons per dwelling in the urban communities in this division in 1910 was 7.3, as compared with 4.6 for rural communities.

In the United States as a whole the average number of persons per census family is slightly smaller in urban than in rural communities, but in several of the geographic divisions the average is greater in urban communities. It is probable that large "economic" families—hotels, institutions, etc.—are more numerous in urban than in rural communities, and that if only private families were considered the rural communities would show a greater excess in average size of family, in the United States as a whole, than appears in the table.

Principal cities.—Table 4 shows statistics regarding dwellings and families for each city of 100,000 or more inhabitants, and Table 5 presents similar statistics for cities of 25,000 to 100,000 inhabitants.

The city of New York, with an average of 15.6 persons per dwelling in 1910 (30.9 in Manhattan Borough), stands out conspicuously among the cities of 100,000

inhabitants or more, in most of which the average number of persons per dwelling was below 9, and in many of which it was below 5. Fall River ranks next to New York in the average number of persons per

dwelling. The average number of persons per family in 1910 was highest in St. Paul (5.2) and lowest in Indianapolis (4). In New York both in 1910 and in 1900 the average number of persons per family was 4.7.

DWELLINGS AND FAMILIES IN CITIES HAVING 100,000 INHABITANTS OR MORE.

Table 4	CITY.	Popula- tion: 1910	Dwell- ings: 1910	Fami- lies: 1910	PERSONS TO A DWELLING.			PERSONS TO A FAMILY.			CITY.	Popula- tion: 1910	Dwell- ings: 1910	Fami- lies: 1910	PERSONS TO A DWELLING.			PERSONS TO A FAMILY.																																																			
					1910	1900	1890	1910	1900	1890					1910	1900	1890	1910	1900	1890																																																	
					Albany, N. Y.	100,253	15,437	24,069	6.5	6.9					7.2	4.2	4.4	4.6	New York, N. Y.	4,766,883	305,698	1,020,827	15.6	13.7	12.9	4.7	4.7	4.8	Manhattan Bor.	2,811,642	76,410	493,540	30.9	23.0	19.9	4.7	4.7	4.8	Bronx Borough.	450,860	28,735	85,837	15.0	10.1	7.7	4.6	4.7	4.1	Brooklyn Borough.	1,684,851	147,600	383,660	11.1	10.2	9.6	4.6	4.6	4.7	Queens Borough.	284,041	37,764	62,001	7.1	6.3	6.1	4.6	4.8	4.9	Richmond Bor.
Atlanta, Ga.	154,839	30,308	35,813	5.1	5.4	5.7	4.3	4.4	4.5	Newark, N. J.	347,469	38,693	77,038	9.0	8.1	7.8	4.5	4.6	4.7	Pittsburgh, Pa.	150,173	17,740	36,725	8.7	7.40	7.0	4.7	4.8	4.8	Oakland, Cal.	124,056	13,657	26,359	5.2	5.7	7.0	4.7	4.9	4.2	Omaha, Nebr.	125,600	15,812	27,978	7.9	7.7	7.9	4.5	4.5	4.6	Paterson, N. J.	125,600	15,812	27,978	7.9	7.7	7.9	4.5	4.5	4.6										
Baltimore, Md.	538,485	101,965	118,851	5.5	5.7	6.0	4.7	4.8	5.0	Philadelphia, Pa.	1,549,008	295,220	327,263	5.2	5.4	5.6	4.7	4.9	5.1	Portland, Ore.	353,905	39,842	110,457	6.1	6.3	6.3	4.8	5.0	5.2	Providence, R. I.	207,214	37,436	42,029	5.3	6.2	7.4	4.9	5.1	6.8																														
Birmingham, Ala.	132,685	26,889	31,050	4.9	5.8	5.5	4.3	4.5	5.0	Richmond, Va.	127,628	22,205	26,914	5.7	6.0	6.3	4.7	4.8	5.2	Rochester, N. Y.	218,149	38,840	46,787	5.6	5.5	5.6	4.7	4.7	4.9	St. Paul, Minn.	214,744	32,616	41,548	6.6	6.6	6.3	5.2	5.3	5.2																														
Boston, Mass.	670,585	73,919	139,700	9.1	8.4	8.5	4.8	4.8	5.0	San Francisco, Cal.	416,912	65,025	86,411	6.4	6.4	6.3	4.8	4.8	5.7	Syracuse, N. Y.	137,249	23,200	31,551	5.9	5.7	5.6	4.4	4.3	4.6	Worcester, Mass.	145,980	15,103	30,743	9.7	9.0	8.7	4.7	4.8	4.8																														
Bridgport, Conn.	102,054	14,934	21,689	6.8	6.3	6.4	4.7	4.6	4.6	Dayton, Ohio	116,577	26,622	28,370	4.4	4.7	5.0	4.1	4.3	4.6	Detroit, Mich.	465,766	83,124	100,356	5.6	5.5	5.6	4.6	4.7	4.9	Fall River, Mass.	119,295	10,962	24,378	10.9	11.0	11.2	4.9	5.0	5.2	Cincinnati, Ohio	393,591	49,525	87,541	7.3	8.0	8.9	4.2	4.4	4.7	Cleveland, Ohio	500,663	90,465	124,822	6.2	6.0	6.0	4.5	4.7	4.9	Cincinnati, Ohio	112,571	25,432	26,924	4.8	4.8	4.9	4.0	4.0	4.6
Buffalo, N. Y.	423,715	62,335	91,328	6.8	7.1	6.9	4.6	4.8	5.0	Jersey City, N. J.	267,779	27,805	56,790	9.6	8.7	8.8	4.7	4.6	4.7	Kansas City, Mo.	248,381	47,978	59,290	5.2	5.8	5.7	4.2	4.5	5.0	Los Angeles, Cal.	319,138	68,061	78,678	4.6	4.5	4.9	4.1	4.1	4.6	Louisville, Ky.	223,928	41,650	52,155	5.4	5.9	6.4	4.3	4.6	4.9	Lowell, Mass.	106,294	15,056	21,932	7.1	6.9	7.2	4.8	4.9	5.2	Memphis, Tenn.	131,105	20,716	31,154	4.9	5.9	5.6	4.2	4.7	4.8
Chicago, Ill.	2,185,283	246,744	473,141	8.9	8.8	8.6	4.6	4.7	5.0	Milwaukee, Wis.	373,857	60,724	80,566	6.2	6.2	6.2	4.6	4.8	4.9	Minneapolis, Minn.	301,408	46,903	63,241	6.4	6.4	6.5	4.8	4.8	5.0	Nashville, Tenn.	110,364	22,118	26,077	5.0	5.3	5.3	4.2	4.4	4.9	New Haven, Conn.	133,605	12,466	29,231	7.6	7.1	7.3	4.6	4.6	4.7	New Orleans, La.	339,075	67,192	73,377	5.0	5.4	5.6	4.6	4.6	5.0										

¹ Includes Allegheny for 1900 and 1890.

DWELLINGS AND FAMILIES IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS.

Table 5	CITY.	Popula- tion: 1910	Dwell- ings: 1910	Fami- lies: 1910	PERSONS TO A DWELLING.			PERSONS TO A FAMILY.			CITY.	Popula- tion: 1910	Dwell- ings: 1910	Fami- lies: 1910	PERSONS TO A DWELLING.			PERSONS TO A FAMILY.																																																																																																							
					1910	1900	1890	1910	1900	1890					1910	1900	1890	1910	1900	1890																																																																																																					
					Alabama	Mobile	51,521	11,181	12,969	4.6					5.0	5.1	4.2	4.2	4.8	Illinois	Aurora	29,807	6,235	6,864	4.8	4.7	4.9	4.3	4.3	4.5	Bloomington	25,768	6,082	6,455	4.2	4.6	4.8	4.0	4.3	4.7	Danville	27,571	5,793	7,167	4.1	4.7	4.7	3.9	4.2	4.5	Decatur	31,140	7,131	7,588	4.4	4.4	4.7	4.1	4.2	4.5	East St. Louis	38,547	11,628	12,888	5.0	5.2	5.8	4.6	4.8	5.2	Elgin	25,976	5,383	6,024	4.8	5.1	5.5	4.3	4.6	5.0	Joliet	34,670	6,005	7,199	5.8	5.7	5.9	4.8	4.9	5.7	Peoria	66,930	14,111	15,225	4.7	5.2	5.1	4.4	4.7	4.8	Quincy	36,587	7,688	8,732	4.8	4.9	5.3	4.2	4.1	4.7	Rockford	45,401	8,802	10,307	5.2	5.2	5.4	4.4	4.3	4.6	Springfield
Indiana	Evansville	66,647	15,240	16,196	4.6	5.1	5.6	4.3	4.8	5.2	Fort Wayne	63,683	13,879	14,625	4.6	4.7	5.4	4.4	4.5	4.9	South Bend	53,684	11,200	12,039	4.8	5.1	5.2	4.5	4.6	4.8	Terre Haute	58,157	13,457	14,920	4.3	4.7	4.9	4.1	4.3	4.6																																																																																	
Iowa	Cedar Rapids	32,811	7,580	7,949	4.3	4.6	4.8	4.1	4.3	4.7	Clinton	25,577	5,765	5,978	4.4	4.5	4.8	4.3	4.4	4.7	Cornell Bluffs	29,292	6,344	6,722	4.6	4.9	5.0	4.4	4.7	4.8	Davenport	43,028	8,900	10,316	4.5	5.0	5.0	4.2	4.4	4.6	Des Moines	86,368	18,694	20,599	4.6	4.9	5.0	4.2	4.1	4.8	Dubuque	38,494	7,472	8,417	5.2	5.5	5.5	4.6	4.9	4.9	Sioux City	47,828	9,293	10,204	5.1	5.2	5.6	4.7	4.6	6.3	Waterloo	26,633	5,708	6,033	4.7	4.5	4.6	4.1	4.1	4.3																																									
Kansas	Kansas City	82,331	18,279	19,677	4.5	4.9	5.0	4.2	4.4	4.7	Topeka	43,684	10,387	11,243	4.2	4.5	4.6	3.9	4.1	4.4	Wichita	62,450	11,293	12,671	4.6	4.7	4.7	4.1	4.3	4.6																																																																																											
Kentucky	Augusta	51,040	9,239	10,881	4.4	4.9	5.0	3.8	4.0	4.4	Lexington	33,099	7,880	8,830	4.5	4.8	5.0	4.1	4.4	4.7	Newport	30,309	5,470	7,315	6.5	5.8	5.9	4.1	4.0	4.7																																																																																											

¹ Figures not available.

DWELLINGS AND FAMILIES IN CITIES HAVING FROM 25,000 TO 100,000 INHABITANTS—Continued.

Table 5—Continued.

CITY.	Population: 1910	Dwell-ings: 1910	Fami-lies: 1910	PERSONS TO A DWELLING.			PERSONS TO A FAMILY.			CITY.	Population: 1910	Dwell-ings: 1910	Fami-lies: 1910	PERSONS TO A DWELLING.			PERSONS TO A FAMILY.		
				1910	1900	1890	1910	1900	1890					1910	1900	1890	1910	1900	1890
Louisiana																			
Shreveport.....	28,015	6,070	6,607	4.6	4.5	4.7	4.2	3.9	4.4										
Maine																			
Lewiston.....	26,247	3,150	5,368	8.3	8.0	8.5	4.9	4.9	5.2										
Portland.....	58,571	9,460	13,591	6.2	6.1	6.3	4.3	4.4	4.4										
Massachusetts																			
Brockton.....	56,878	8,246	13,161	6.9	6.0	6.5	4.3	4.3	4.4										
Brookline town.....	27,792	3,733	5,858	7.4	7.1	7.2	4.7	5.0	5.1										
Chelsea.....	32,452	3,570	6,897	9.1	6.6	6.2	4.9	4.5	4.5										
Chicopee.....	25,401	3,288	4,438	7.7	7.0	6.9	5.7	5.5	5.4										
Everett.....	33,483	5,594	7,581	6.0	5.4	5.3	4.4	4.4	4.3										
Fitchburg.....	37,826	4,869	7,931	7.8	6.8	6.4	4.8	4.7	4.7										
Haverhill.....	44,115	7,332	9,975	6.0	5.8	6.0	4.4	4.2	4.6										
Holyoke.....	57,730	4,844	11,295	11.9	10.9	11.3	5.1	5.1	5.3										
Lawrence.....	85,862	10,363	17,122	8.2	7.7	7.7	5.0	4.9	4.9										
Lynn.....	89,336	13,112	19,786	6.8	6.2	6.5	4.5	4.4	4.6										
Malden.....	44,404	7,419	9,805	6.0	5.3	5.0	4.5	4.4	4.5										
New Bedford.....	96,652	11,504	20,820	8.4	7.1	6.7	4.6	4.5	4.5										
Newton.....	39,805	7,403	8,236	5.3	5.4	5.7	4.3	4.3	4.2										
Pittsfield.....	32,121	5,834	6,748	5.5	5.2	5.5	4.8	4.7	4.9										
Quincy.....	32,642	6,128	7,081	5.3	5.3	4.8	4.6	4.7	5.6										
Salem.....	43,697	5,917	9,265	7.4	6.8	6.8	4.7	4.5	4.4										
Somerville.....	47,296	12,139	18,440	6.4	5.7	6.1	4.2	4.3	4.5										
Springfield.....	88,926	13,352	19,968	6.7	6.1	6.4	4.5	4.4	4.5										
Taunton.....	34,259	5,407	7,276	6.3	6.2	6.3	4.7	4.7	4.7										
Waltham.....	27,834	4,723	5,796	5.9	5.4	5.6	4.8	4.9	4.9										
Michigan																			
Battle Creek.....	25,267	6,170	6,720	4.1	4.4	4.7	3.8	3.9	4.1										
Bay City.....	45,166	9,579	9,956	4.7	5.0	5.3	4.5	4.7	5.0										
Flint.....	28,550	7,393	8,827	5.2	4.4	4.6	4.5	4.1	4.2										
Jackson.....	31,443	7,464	7,935	4.2	4.4	4.7	4.0	4.1	4.3										
Kalamazoo.....	39,437	8,412	9,086	4.7	4.7	4.9	4.3	4.3	4.5										
Lansing.....	31,229	6,849	7,822	4.6	4.3	4.7	4.2	4.2	4.5										
Saginaw.....	50,510	11,563	11,926	4.4	4.5	5.2	4.2	4.4	4.9										
Minnesota																			
Duluth.....	78,406	11,927	14,736	6.6	6.5	8.2	5.3	5.3	6.8										
Missouri																			
Joplin.....	32,073	7,592	8,662	4.2	4.8	5.0	4.0	4.5	5.0										
St. Joseph.....	77,403	10,068	17,138	4.5	6.7	5.5	4.5	6.0	5.3										
Springfield.....	35,201	7,996	8,149	4.5	4.8	5.1	4.2	4.4	4.9										
Montana																			
Butte.....	39,168	7,476	8,506	5.2	5.4	5.8	4.6	4.7	5.4										
Nebraska																			
Lincoln.....	43,973	9,507	10,472	4.6	5.8	6.2	4.2	5.1	6.0										
South Omaha.....	26,259	4,062	5,245	5.3	6.1	5.2	5.0	5.3	5.2										
New Hampshire																			
Manchester.....	70,063	8,694	14,166	8.1	7.7	8.3	4.9	4.9	5.2										
Nashua.....	26,005	4,708	5,650	5.1	5.5	5.5	4.6	4.6	4.7										
New Jersey																			
Atlantic City.....	46,150	7,942	9,744	5.8	5.6	4.7	4.7	5.1	4.6										
Bayonne.....	55,545	6,147	10,998	9.0	7.4	7.1	5.1	5.0	5.5										
Camden.....	34,538	20,360	21,820	4.7	4.7	4.7	4.4	4.4	4.6										
East Orange.....	34,371	6,109	7,717	5.6	5.5	(7)	4.8	4.9	(7)										
Elizabeth.....	73,409	10,090	15,434	7.3	6.7	6.5	4.8	4.8	4.9										
Hoboken.....	70,324	4,333	15,520	15.9	14.2	12.8	4.5	4.4	4.6										
Orange.....	29,430	4,391	6,236	6.7	6.3	6.4	4.7	4.8	5.1										
Passaic.....	54,773	5,135	10,257	10.7	9.0	7.6	5.3	5.1	5.3										
Port Amboy.....	32,121	4,209	6,367	7.6	7.2	6.5	5.0	5.1	5.1										
Trenton.....	96,815	17,932	19,678	5.4	5.1	5.0	4.9	4.9	4.8										
West Hoboken town.....	55,403	3,723	8,574	9.5	8.0	(7)	4.2	4.3	(7)										
New York																			
Amsterdam.....	31,267	4,122	6,686	7.6	6.5	6.2	4.7	4.5	4.7										
Auburn.....	34,668	5,770	9,991	5.1	5.3	5.2	4.4	4.3	4.7										
Binghamton.....	48,443	8,437	11,438	5.7	5.6	6.3	4.2	4.2	4.5										
Elmira.....	37,176	7,982	8,981	4.7	4.9	5.3	4.1	4.3	4.6										
Jamestown.....	31,297	5,696	7,731	5.5	5.2	5.1	4.0	4.1	4.4										
Kingston.....	25,419	4,592	6,231	5.4	5.7	6.2	4.5	4.5	4.6										
Mount Vernon.....	30,919	4,592	7,797	6.7	6.0	5.1	4.5	4.8	4.9										
New Rochelle.....	28,867	4,280	5,826	6.7	6.1	5.7	5.0	4.9	5.2										
Newburgh.....	27,805	4,233	6,620	6.6	6.1	6.8	4.2	4.2	4.5										
Niagara Falls.....	39,445	5,371	9,991	5.4	5.3	(7)	4.5	4.9	(7)										
Poughkeepsie.....	27,936	4,576	6,848	6.1	6.0	6.3	4.1	4.2	4.4										
Schenectady.....	72,826	10,639	15,908	6.8	7.0	6.4	4.6	4.7	4.6										
Troy.....	76,813	10,745	18,109	7.1	7.8	7.8	4.2	4.5	4.7										
Utica.....	74,419	10,333	18,050	7.2	6.9	6.9	4.5	4.5	4.6										
Watertown.....	26,730	5,754	6,542	4.6	4.8	4.4	4.1	4.2	4.4										
Yonkers.....	79,503	7,857	16,219	10.2	9.0	8.6	4.9	5.0	5.3										
North Carolina																			
Charlotte.....	34,014	7,079	7,740	4.8	5.2	5.1	4.4	4.4	4.6										
Wilmington.....	25,748	5,461	5,878	4.7	4.7	5.0	4.4	4.1	4.4										
Ohio																			
Akron.....	69,067	13,701	15,851	5.0	4.9	5.0	4.4	4.4	4.6										
Canton.....	50,217	10,722	11,845	4.7	4.6	5.2	4.2	4.3	4.8										
Hamilton.....	35,279	7,626	8,256	4.6	5.0	4.3	4.3	4.5	4.7										
Lima.....	30,508	6,929	7,358	4.4	4.6	5.3	4.1	4.3	4.7										
Lorain.....	28,883	5,071	6,075	5.7	6.0	5.0	4.8	5.1	4.7										
Newark.....	25,494	6,138	6,539	4.1	4.0	4.8	3.9	4.3	4.4										
Springfield.....	46,821	11,053	11,691	4.2	4.3	4.8	4.0	4.4	4.5										
Youngstown.....	79,066	14,280	16,228	5.5	5.4	5.5	4.9	4.9	5.1										
Zanesville.....	28,026	6,755	7,163	4.1	4.4	4.8	3.9	4.2	4.5										
Oklahoma																			
Muskogee.....	25,278	5,197	5,799	4.9	4.7	(1)	4.1	4.5	(5)										
Oklahoma City.....	64,205	11,516	13,565	5.6	5.4	3.6	4.7	4.7	2.9										
Pennsylvania																			
Allentown.....	51,913	11,379	11,772	4.6	4.7	5.0	4.4	4.5	4.7										
Altoona.....	52,127	11,021	11,473	4.7	4.9	5.2	4.5	4.8	5.1										
Chester.....	35,527	7,729	8,032	5.0	5.1	5.1	4.8	4.9	5.1										
Easton.....	28,233	6,064	6,935	4.3	4.5	4.1	4.1	4.3	4.3										
Erie.....	65,525	12,437	14,742	5.3	5.4	5.7	4.5	4.7	5.1										
Harrisburg.....	64,186	14,461	15,073	4.3	4.6	4.8	4.3	4.5	4.7										
Hazlet.....	25,452	4,053	5,002	5.4	5.0	5.4	5.1	4.9	5.1										
Johnstown.....	58,882	9,790	10,665	5.7	5.4	5.6	5.2	5.1	5.3										
Lancaster.....	47,227	10,524	10,836	4.5	4.7	4.9	4.4	4.6	4.8										
McKeesport.....	42,664	7,553	8,802	5.7	5.6	5.8	4.9	4.9	5.2										
New Castle.....	36,280	7,532	8,146	4.8	4.9	4.9	4.5	4.6	4.7										
Norristown borough.....	27,575	5,121	5,391	5.4	5.3	5.4	5.2	5.2	5.3										
Reading.....	96,071	20,708	21,809	4.6	4.9	5.0	4.4	4.6	4.8										
Shenandoah borough.....	28,774	4,659	4,619	6.3	5.8	5.7	5.6	5.5	5.6										
Wilkes-Barre.....	67,105	12,127	13,247	5.5	5.3	5.4	5.1	5.0	5.1										
Williamsport.....	31,660	7,076	7,660	4.4	4.6	4.9	4.2	4.4	4.7										
York.....	44,750	10,405	10,405	4.4	4.7	4.6	4.3	4.5	4.6										
Rhode Island																			
Newport.....	27,149	4,477	5,531	6.1	5.8	6.1	4.9	4.5	4.8										
Pawtucket.....	51,622	6,690	11,290	7.7	6.7	7.2	4.6	4.6	4.7										
Warwick town.....	26,629	4,939	5,719	5.4	5.5	5.8	4.7	4.7	4.9										
Woonsocket.....	38,125	4,200	7,480	9.1	9.1	9.5	5.1	5.1	5.3										
South Carolina																			
Charleston.....	58,833	9,652	15,093	6.1	6.4	6.7	3.9	4.0	4.9										
Columbia.....	26,319	4,979	5,745	5															

AGRICULTURE



CHAPTER 9.—FARMS AND FARM PROPERTY

CHAPTER 10.—TENURE, MORTGAGE INDEBTEDNESS, COLOR AND NATIVITY OF FARMERS,
AND SIZE OF FARMS

CHAPTER 11.—LIVE STOCK ON FARMS AND ELSEWHERE

CHAPTER 12.—LIVE STOCK PRODUCTS AND DOMESTIC ANIMALS SOLD OR SLAUGHTERED
ON FARMS

CHAPTER 13.—FARM CROPS—ACREAGE, PRODUCTION, AND VALUE

CHAPTER 14.—IRRIGATION AND IRRIGATED CROPS

CHAPTER 9.

FARMS AND FARM PROPERTY.

UNITED STATES AS A WHOLE: 1910 AND 1900.

The present chapter gives the principal data pertaining to farms and farm property, by states and geographic divisions, for 1910 and 1900, and by geographic divisions for each census from 1850 to 1910.

The following table summarizes, for the United States (excluding noncontiguous possessions), the principal facts with regard to farms and farm property for the years 1910 and 1900:

FARMS, FARM LAND, AND FARM PROPERTY OF THE UNITED STATES.

Table 1	1910 (April 15)	1900 (June 1)	INCREASE. ¹	
			Amount.	Per cent.
Population.....	91,972,266	75,994,575	15,977,691	21.0
Urban population ²	42,623,383	31,609,645	11,013,738	34.8
Rural population ³	49,348,883	44,384,930	4,963,953	11.2
Number of all farms.....	6,361,502	5,737,372	624,130	10.9
Land area of the country..... acres.....	⁴ 1,903,289,600	⁴ 1,903,461,760	⁴ -172,160	.....
Land in farms..... acres.....	878,798,325	838,591,774	40,206,551	4.8
Improved land in farms..... acres.....	478,451,750	414,498,487	63,953,263	15.4
Average acreage per farm.....	138.1	146.2	-8.1	-5.5
Average improved acreage per farm.....	75.2	72.2	3.0	4.2
Per cent of total land area in farms.....	46.2	44.1	.....	.....
Per cent of land in farms improved.....	54.4	49.4	.....	.....
Per cent of total land area improved.....	25.1	21.8	.....	.....
Value of farm property, total.....	\$40,991,449,090	\$20,439,901,164	\$20,551,547,926	100.5
Land.....	28,475,674,169	13,058,007,995	15,417,666,174	118.1
Buildings.....	6,325,451,528	3,556,639,496	2,768,812,032	77.8
Implements and machinery.....	1,265,149,783	749,775,970	515,373,813	68.7
Domestic animals, poultry, and bees.....	4,925,173,610	3,075,477,703	1,849,695,907	60.1
Average value of all property per farm.....	\$6,444	\$3,563	\$2,881	80.9
Average value of all property per acre of land in farms.....	\$46.64	\$24.37	\$22.27	91.4
Average value of land per acre.....	\$32.40	\$15.57	\$16.83	108.1

¹ A minus sign (-) denotes decrease.

² Population of incorporated places having, in 1910, 2,500 or more inhabitants, census but is the population in that year of the territory classified as urban in 1910.

³ Total, exclusive of urban. (See Note 2.)

⁴ Change in area due to the drainage of lakes and swamps of Illinois and Indiana, building of the Roosevelt and Laguna reservoirs, and the formation of the Salton Sea in California.

The figure for 1900 does not represent the urban population according to that census but is the population in that year of the territory classified as urban in 1910.

There are in the United States 6,361,502 farms,¹ containing a total of 878,798,000 acres,² of which 478,452,000 acres are improved. The land in farms represents somewhat less than one-half, 46.2 per cent, of the total land area of the country, while the improved land represents somewhat over one-half, 54.4

per cent, of the total acreage of land in farms. Improved land in farms thus represents almost exactly one-fourth, 25.1 per cent of the total land area of the country. On the average the farms of the United States contain 138.1 acres, of which, on the average, over one-half, 75.2 acres, are improved land.

¹ **Farm.**—A "farm" for census purposes is all the land which is directly farmed by one person managing and conducting agricultural operations, either by his own labor alone or with the assistance of members of his household or hired employees. The term "agricultural operations" is used as a general term referring to the work of growing crops, producing other agricultural products, and raising animals, fowls, and bees. A "farm" as thus defined may consist of a single tract of land or of a number of separate and distinct tracts, and these several tracts may be held under different tenures, as where one tract is owned by the farmer and another tract is hired by him. Further, when a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a "farm."

In applying the foregoing definition of a "farm" for census purposes, enumerators were instructed to report as a "farm" any tract of 3 or more acres used for agricultural purposes, no matter what the value of the products raised upon the land or the amount of labor involved in operating the same in 1909. In addition, they were instructed to report in the same manner all tracts containing less than 3 acres which either produced at least \$250 worth of farm products in the year 1909, or on which the continuous services of at least one person were expended.

² **Land in farms.**—Land in farms is divided at the present census into (1) improved land, (2) woodland, and (3) all other unimproved land. The same classification was followed in 1880. At former censuses, except that of 1880, farm land was divided into improved land and unimproved land, woodland being included with unimproved land. Improved land includes all land regularly tilled or mowed, land pastured and cropped in rotation, land lying fallow, land in gardens, orchards, vineyards, and nurseries, and land occupied by farm buildings. Woodland includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products. All other unimproved land includes brush land, rough or stony land, swamp land, and any other land which is not improved or in forest. It should be noted, however, in this connection that the census classification of farm land as "improved land," "woodland," and "other unimproved land" is one not always easy for the farmers or enumerators to make, owing to the fact that the farmers sometimes use these terms with different meanings from those assigned to them by the Bureau of the Census. There is evidence that the same kind of land has at certain times and places been reported as "improved land" and at other times and places as "unimproved land," rendering these classifications less accurate than the report of total farm acreage and value.

The total value of farm property reaches the enormous sum of \$40,991,000,000, of which over two-thirds represents the value of land, about one-sixth the value of buildings, and about another one-sixth the combined value of implements and machinery and of live stock. The average value of all farm property per farm reporting is \$6,444. The average value of all farm property per acre of land in farms is \$46.64, and the average value of the land itself per acre is \$32.40.

It is a significant fact that whereas the total population increased 21 per cent between 1900 and 1910, the urban population increased 34.8 per cent and the rural population only 11.2 per cent. The number and acreage of farms increased much less rapidly than the total population, but the growth in the number of farms nearly kept pace with the movement of the rural population, amounting to 10.9 per cent. The total farm acreage, on the other hand, increased only 4.8 per cent. This, however, is less significant than the increase in acreage of improved farm land, which amounted to 15.4 per cent, showing a greater percentage of increase than the number of farms or rural population but still falling appreciably behind the increase in total population. It should be noted that "rural population" is a much broader term than "agricultural population." "Rural" as here used includes the entire population outside of incor-

porated places, including New England "towns," having 2,500 inhabitants or more.

The average size of a farm decreased from 146.2 acres in 1900 to 138.1 acres in 1910, but the average acreage of improved land per farm was somewhat greater in the later year than in the earlier. It is possible that the reported increase in the proportion of farm land improved, from 49.4 per cent in 1900 to 54.4 in 1910, is partly due to differences of interpretation as to what constitutes improved land. (See definitions, p. 265.)

The total value of farm property a little more than doubled during the decade 1900 to 1910. The greater part of this extraordinary increase has been in farm land, the value of which increased no less than 118.1 per cent, and this in turn was due largely to the advance in the price of land, the average value per acre being more than twice as high in 1910 as in 1900—\$32.40 as compared with \$15.57. There have been remarkable increases, also, in the value of farm buildings and equipment, the value of buildings having increased 77.8 per cent, that of implements and machinery 68.7 per cent, and that of live stock 60.1 per cent.

Notwithstanding the decrease in the average size of farms, the value of all farm property per farm increased from \$3,563 in 1900 to \$6,444 in 1910, or 80.9 per cent.

FARMS AND FARM LAND, BY DIVISIONS AND STATES: 1910 AND 1900.

Geographic distribution of farms and farm land.—The agricultural industry of the country is very unequally distributed among its different sections and states. Table 3, on pages 268 and 269, shows for each of the nine main geographic divisions and for each state the total and rural population, number of farms, total land area, and acreage of farm land and of improved farm land for 1910 and 1900. It also shows what percentage of the respective totals was found in each division and state at each of these censuses.

While the differences among the several geographic divisions as regards the proportions in which they contribute to the farming industry of the country are naturally affected greatly by the differences in the total area of the divisions, it is evident that they are due in large degree to differences in the extent to which the land is capable of utilization for farming purposes, or has thus far been so utilized. For instance, the Mountain division, which comprises 28.89 per cent of the total land area, has only 3.33 per cent of the improved farm land.

There is little correspondence between the geographic distribution of population and that of the agricultural industry. Notwithstanding the fact that "rural population," as shown in the table, includes large numbers of persons not living on farms, there is, naturally, a somewhat closer correspondence between

the distribution of the rural population and that of the number of farms and the acreage of farm land.

Table 3 shows that, whether the importance of the agricultural industry be judged by the number of farms, the total acreage of farms, or the total improved acreage, the great bulk of it is to be found in five geographic divisions—namely, the four which constitute the territory between the Alleghenies and the Rocky Mountains (East and West North Central and East and West South Central) together with the South Atlantic. Each of these five divisions has in the neighborhood of one-sixth of the total number of farms in the country.

The West North Central division has a decidedly larger acreage of farm land than any other; it contains 26.5 per cent of the total farm acreage of the United States. The West South Central division ranks next, with 19.2 per cent of the total, followed by the East North Central and the South Atlantic. Notwithstanding their great total area, the Mountain and Pacific divisions contain only a comparatively small proportion of the present farm land of the country.

The acreage of improved farm land is on the whole the best criterion of the agricultural importance of a given state or division. Five-sixths of the improved farm land of the country is in the two North Central,

the two South Central, and the South Atlantic divisions. More than one-third of the total (34.3 per cent) is found in the West North Central division, the broad prairies of which are peculiarly adapted for almost complete utilization for farming purposes. The East North Central division ranks next, containing 18.6 per cent of the improved farm land of the country, and the West South Central follows with 12.2 per cent. The Mountain and Pacific divisions together contribute less than 8 per cent of the total, this small proportion being due partly to the newness of this section and partly to the great extent of mountainous and arid territory.

It is convenient also to consider the country as divided into three great groups of states, which may be designated, in general terms, as the North, the South, and the West. The North includes the first four divisions listed in Table 3, the South the next three divisions, and the West the last two. Another convenient comparison is between the territory east and that west of the Mississippi River.

The following table shows, for each of these sections, the percentages which the number of farms, the acreage of farm land, and the acreage of improved farm land represent of the totals for the United States:

Table 2

SECTION.	PER CENT OF UNITED STATES TOTALS.					
	Number of farms.		All land in farms.		Improved land in farms.	
	1910	1900	1910	1900	1910	1900
United States.....	100.0	100.0	100.0	100.0	100.0	100.0
The North.....	45.4	50.1	47.1	45.6	49.6	43.0
The South.....	48.7	45.7	40.3	43.2	31.5	30.4
The West.....	5.9	4.2	12.6	11.2	7.9	6.6
East of the Mississippi.....	61.9	64.1	41.7	43.8	45.6	51.1
West of the Mississippi.....	38.1	35.9	58.3	56.2	54.4	48.9

While the South has a larger proportion of the number of farms than the North, it has a smaller proportion of the total farm land of the country, and a decidedly smaller proportion of the improved farm land. The North contained a slightly larger proportion of the total area of farm land in 1910 than it did in 1900, but its proportion of the improved farm land was less in the later year than in the earlier. Precisely the opposite is true of the South.

The movement of agriculture toward the West, which had been going on since the first settlement of the country, continued during the past decade. The four divisions lying west of the Mississippi, taken together, comprised 54.4 per cent of the improved farm land in the country in 1910 as compared with 48.9 per cent in 1900.

Increases and decreases: 1900-1910.—It will be seen by Table 3 that in the territory north of the Ohio and east of the Mississippi, comprising three geographic divisions—New England, Middle Atlantic, and East

North Central—there was an actual decrease in the number of farms between 1900 and 1910, despite a large increase in population. In the West North Central division the increase in the number of farms has been comparatively small, amounting to 4.6 per cent. In all of the other five divisions there has been a very considerable increase in the number of farms. In the East South Central and Mountain divisions the number increased more rapidly than the total population.

Great differences appear among the several geographic divisions with respect to the changes in the total acreage of land in farms. In the New England, Middle Atlantic, South Atlantic, and West South Central divisions there was a decrease in the acreage reported in farms. The largest decrease, both in absolute amount and in percentage, was in the West South Central division, but this is in a sense misleading. A considerable increase in the acreage of farms occurred in two of the states of the division, Arkansas and Oklahoma. In Louisiana a moderate decrease appeared, due to the purchase by nonresidents of undeveloped lands in the extreme southern part of the state, which had been reported as parts of farms in 1900, although not actually used for agriculture. A larger percentage of the total land area of the state is now improved than in 1900. In Texas there was nominally a very great decrease in the acreage of farm land, but a large part if not all of this was due to the fact that in 1900 the state contained many enormous ranches which in their entirety were reported as farm land, whereas in 1910 many of these ranches were broken into smaller tracts, some of which were reported as farms, while others had not been put to use for agriculture. Some large tracts of land which were owned by nonresidents and not used at the time of enumeration in 1910 had been used more or less for grazing in 1900. The acreage of improved land in Texas increased greatly during the decade.

In the East North Central and East South Central divisions there was a slight increase in farm land during the past decade. In the West North Central division over 31,000,000 acres more land was reported in farms in 1910 than in 1900, this increase representing more than three-fourths of the total increase for the United States. The percentage of increase in this division, 15.7 per cent, was, however, exceeded by that in the Mountain division, 28.3 per cent. A very considerable increase in farm land was also reported for the Pacific states.

Most of the states show the same movement with regard to acreage of farm land as the divisions in which they are situated, but there are a few exceptions. In the East North Central division, for example, which as a whole showed an increase, this was confined to the states of Michigan and Wisconsin, there being decreases in farm land in Ohio, Indiana, and Illinois.

FARMS, LAND IN FARMS, AND POPULATION, BY STATES AND DIVISIONS, WITH PER CENT

[A minus sign (—) denotes decrease.]

Table 3	DIVISION OR STATE.	TOTAL POPULATION.				RURAL POPULATION.				NUMBER OF ALL FARMS.			
		1910	1900	Increase.		1910	1900	Increase.		1910	1900	Increase.	
				Number.	Per ct.			Number.	Per ct.			Number.	Per ct.
	United States.....	91,972,266	75,994,575	15,977,691	21.0	49,348,883	44,384,930	4,963,953	11.2	6,361,502	5,737,372	624,130	10.9
GEOGRAPHIC DIVISIONS:													
	New England.....	6,552,681	5,592,017	960,664	17.2	1,047,336	1,102,486	-5,150	-0.5	188,802	191,888	-3,086	-1.6
	Middle Atlantic.....	19,315,892	15,454,678	3,861,214	25.0	5,592,519	5,146,961	445,558	8.7	468,379	485,618	-17,239	-3.5
	East North Central.....	18,250,621	15,985,581	2,265,040	14.2	8,633,350	8,637,570	-4,220	-(1)	1,123,489	1,135,823	-12,334	-1.1
	West North Central.....	11,637,521	10,347,423	1,290,498	12.5	7,764,205	7,324,759	439,446	6.0	1,109,948	1,060,744	49,204	4.6
	South Atlantic.....	12,194,805	10,443,480	1,751,415	16.8	9,102,742	8,105,763	996,979	12.3	1,111,851	962,225	149,656	15.6
	East South Central.....	8,409,901	7,547,757	862,144	11.4	6,835,672	6,361,407	474,265	7.5	1,042,450	903,813	139,167	15.4
	West South Central.....	8,784,534	6,532,200	2,252,244	34.5	6,827,078	5,370,554	1,456,524	27.1	943,186	754,853	188,333	24.9
	Mountain.....	2,633,517	1,674,657	958,860	57.3	1,686,906	1,099,325	586,681	53.4	183,446	101,327	82,119	81.0
	Pacific.....	4,192,304	2,416,692	1,775,612	73.5	1,809,975	1,236,045	573,930	46.4	189,891	141,581	48,310	34.1
NEW ENGLAND:													
	Maine.....	742,371	694,466	47,905	6.9	360,928	354,902	6,026	1.7	60,616	59,299	717	1.2
	New Hampshire.....	430,572	411,588	18,984	4.6	175,473	185,581	-10,108	-5.4	27,053	29,324	-2,271	-7.7
	Vermont.....	355,956	343,641	12,315	3.6	187,013	193,285	-8,272	-4.2	32,709	33,104	-395	-1.2
	Massachusetts.....	3,366,416	2,808,346	561,070	20.0	241,049	238,552	5,197	2.2	36,917	37,715	-798	-2.1
	Rhode Island.....	542,610	428,556	114,054	26.6	17,956	16,877	1,079	6.4	5,292	5,498	-206	-3.7
	Connecticut.....	1,114,756	908,520	206,336	22.7	114,917	114,039	878	0.8	26,815	26,948	-133	-0.5
MIDDLE ATLANTIC:													
	New York.....	9,113,614	7,268,894	1,844,720	25.4	1,928,120	1,916,611	11,509	0.6	215,597	226,720	-11,123	-4.9
	New Jersey.....	2,537,167	1,853,669	683,498	34.7	629,957	520,016	109,941	21.1	33,457	34,650	-1,193	-3.4
	Pennsylvania.....	7,665,111	6,302,115	1,362,996	21.6	3,034,442	2,710,334	324,108	12.0	219,295	224,248	-4,953	-2.2
EAST NORTH CENTRAL:													
	Ohio.....	4,767,121	4,157,545	609,576	14.7	2,101,978	2,130,083	-28,105	-1.3	272,045	276,719	-4,674	-1.7
	Indiana.....	2,700,876	2,516,462	184,414	7.3	1,557,041	1,640,168	-83,127	-5.1	215,455	231,897	-16,412	-2.9
	Illinois.....	5,638,591	4,821,550	817,041	16.9	2,161,662	2,155,217	6,445	0.3	251,872	264,151	-12,279	-4.6
	Michigan.....	2,810,173	2,420,982	389,191	16.1	1,483,129	1,454,156	28,973	2.0	206,960	203,261	3,699	1.8
	Wisconsin.....	2,333,860	2,069,042	264,818	12.8	1,329,540	1,257,946	71,594	5.7	177,127	169,795	7,332	4.3
WEST NORTH CENTRAL:													
	Minnesota.....	2,075,708	1,751,394	324,314	18.5	1,225,414	1,137,799	87,615	7.7	156,137	154,659	1,478	1.0
	Iowa.....	2,224,771	2,231,853	-7,082	-0.3	1,544,717	1,664,586	-119,869	-7.2	217,044	228,622	-11,578	-5.1
	Missouri.....	3,293,335	3,106,665	186,670	6.0	1,894,518	1,966,234	-87,716	-3.5	277,244	284,886	-7,642	-2.7
	North Dakota.....	577,556	319,146	257,910	80.8	513,820	288,774	228,036	79.8	74,360	45,332	29,028	64.0
	South Dakota.....	583,088	401,570	182,318	45.4	507,215	353,625	153,590	43.4	77,644	52,622	25,022	47.6
	Nebraska.....	1,192,214	1,066,300	125,914	11.8	881,362	804,447	76,915	9.6	129,678	121,525	8,153	6.7
	Kansas.....	1,690,949	1,470,495	220,454	15.0	1,197,159	1,115,284	81,875	7.3	177,841	173,098	4,743	2.7
SOUTH ATLANTIC:													
	Delaware.....	292,322	184,735	107,587	58.3	105,237	99,018	6,219	6.3	10,836	9,687	1,149	11.9
	Maryland.....	1,295,346	1,188,044	107,302	9.0	637,154	594,911	42,243	7.1	48,923	46,012	2,911	6.3
	District of Columbia.....	331,069	278,718	52,351	18.8	.....	.....	.....	.....	217	269	-52	-19.3
	Virginia.....	2,061,612	1,854,184	207,428	11.2	1,585,083	1,499,323	85,760	5.7	184,018	167,886	16,132	9.6
	West Virginia.....	1,221,119	958,800	262,319	27.4	992,877	821,336	171,541	20.9	96,685	92,574	3,811	4.1
	North Carolina.....	2,206,287	1,893,810	312,477	16.5	1,887,813	1,683,595	202,218	12.0	258,725	224,637	29,088	12.9
	South Carolina.....	1,515,400	1,340,316	175,084	13.1	1,290,568	1,163,046	127,522	11.0	176,434	155,355	21,079	13.6
	Georgia.....	2,609,121	2,216,331	392,790	17.7	2,070,471	1,810,279	230,192	12.5	291,027	234,691	66,336	29.5
	Florida.....	752,619	528,542	224,077	42.4	533,539	402,255	131,284	32.6	50,016	40,514	9,202	22.5
EAST SOUTH CENTRAL:													
	Kentucky.....	2,289,905	2,147,174	142,731	6.6	1,734,463	1,663,941	70,522	4.2	259,185	234,667	24,518	10.4
	Tennessee.....	2,184,789	2,020,616	164,173	8.1	1,743,744	1,684,804	58,850	3.5	246,012	224,623	21,389	9.5
	Alabama.....	2,138,093	1,828,697	309,396	16.9	1,767,662	1,591,027	176,635	11.1	262,901	233,220	29,681	17.8
	Mississippi.....	1,797,114	1,551,270	245,844	15.8	1,589,803	1,421,605	168,198	11.8	274,382	220,303	53,579	24.3
WEST SOUTH CENTRAL:													
	Arkansas.....	1,574,449	1,311,564	262,885	20.0	1,371,768	1,179,845	191,923	16.3	214,678	178,694	35,984	20.1
	Louisiana.....	1,656,388	1,351,625	274,763	19.9	1,159,872	1,000,628	159,244	15.9	120,546	115,969	4,577	3.9
	Oklahoma.....	1,657,155	1,190,391	466,764	39.1	1,337,000	1,101,243	235,757	20.7	190,192	108,000	82,192	76.1
	Texas.....	3,896,542	3,048,710	847,832	27.8	2,938,438	2,488,838	469,600	18.9	417,770	352,190	65,580	18.6
MOUNTAIN:													
	Montana.....	375,053	243,329	132,724	54.5	242,633	153,853	88,780	57.7	26,214	13,370	12,844	96.1
	Idaho.....	323,594	161,772	161,822	101.3	255,966	159,665	116,031	83.1	30,807	17,471	13,336	76.3
	Wyoming.....	145,965	92,531	53,434	57.7	102,734	59,005	43,729	74.1	16,987	6,095	4,802	80.3
	Colorado.....	799,024	539,700	259,324	48.0	394,184	270,038	124,146	46.0	46,170	24,700	21,470	86.9
	New Mexico.....	327,301	195,310	131,991	67.6	280,730	168,826	111,904	66.3	35,676	12,311	23,365	189.8
	Arizona.....	204,354	122,931	81,423	66.2	141,094	101,522	39,572	30.0	9,227	5,809	3,418	58.8
	Utah.....	373,351	276,749	96,602	34.9	209,417	168,581	31,836	18.9	21,676	19,387	2,289	11.8
	Nevada.....	81,875	42,335	39,540	93.4	68,508	37,835	30,673	81.1	2,689	2,184	505	23.1
PACIFIC:													
	Washington.....	1,141,990	518,103	623,887	120.4	536,160	290,489	245,671	84.7	56,192	33,202	22,990	69.2
	Oregon.....	672,765	413,536	259,229	62.7	365,705	270,696	95,009	35.1	45,502	35,837	9,665	27.0
	California.....	2,377,549	1,485,053	892,496	60.1	907,810	674,800	232,950	34.5	88,197	72,542	15,655	21.6

¹ Less than one-tenth of 1 per cent.

² Less than one-hundredth of 1 per cent.

FARMS AND FARM PROPERTY.

DISTRIBUTION OF UNITED STATES TOTALS AMONG DIVISIONS AND STATES: 1910 AND 1900.

[A minus sign (—) denotes decrease.]

	Total land area (acres).	ALL LAND IN FARMS (ACRES).				IMPROVED LAND IN FARMS (ACRES).				PER CENT OF UNITED STATES TOTALS.							
		1910	1900	Increase.		1910	1900	Increase.		Land area.	Farms.		Farm land.		Improved.		
				Acres.	Per ct.			Acres.	Per ct.		1910	1900	1910	1900	1910	1900	
1	1,903,289,800	878,798,325	838,591,774	40,206,551	4.8	478,451,750	414,498,487	63,953,263	15.4	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
2	39,664,640	19,714,931	20,548,999	-834,068	-4.1	7,254,904	8,134,403	-879,499	-10.8	2.08	2.97	3.34	2.24	2.45	1.52	1.96	
3	64,000,000	43,191,056	44,860,090	-1,669,034	-3.7	29,320,894	30,786,211	-1,465,317	-4.8	3.36	7.36	8.46	4.91	5.35	6.13	7.43	
4	157,160,960	117,929,148	116,340,761	1,588,387	1.4	88,947,228	86,870,271	2,076,957	2.6	8.26	17.06	19.80	13.42	13.87	18.59	20.91	
5	326,914,560	232,618,121	201,008,713	31,639,408	15.7	164,284,862	135,643,828	28,641,034	21.1	17.18	17.45	18.49	26.47	23.97	34.34	32.72	
6	172,205,440	103,782,255	104,297,506	-515,251	-0.5	48,479,733	46,100,226	2,379,507	5.2	9.05	17.48	16.77	11.81	12.44	10.13	11.12	
7	114,885,760	81,520,629	81,247,643	272,986	0.3	43,946,846	40,237,337	3,709,509	9.2	6.04	16.39	15.74	9.28	9.69	9.19	9.71	
8	275,037,440	169,149,976	176,941,202	-7,741,226	-4.2	58,294,273	39,770,530	18,543,743	46.5	14.45	14.83	13.16	19.25	21.05	12.18	9.59	
9	549,840,000	59,533,420	46,397,284	13,136,136	28.3	15,915,092	8,402,576	7,512,516	89.4	28.89	28.88	1.77	6.77	5.53	3.33	2.03	
10	203,580,800	51,328,789	47,399,576	3,929,213	8.3	22,038,008	18,753,105	3,284,903	17.5	10.70	2.98	2.47	5.84	5.65	4.61	4.52	
11	19,132,800	6,296,859	6,299,946	-3,087	-(1)	2,360,657	2,386,889	-26,232	-1.1	1.01	0.94	1.03	0.72	0.75	0.49	0.58	
12	5,779,840	3,249,458	3,609,804	-360,460	-10.0	929,185	1,076,879	-147,694	-13.7	0.30	0.43	0.51	0.37	0.43	0.19	0.26	
13	5,839,360	4,663,577	4,724,440	-60,863	-1.3	1,633,965	2,126,624	-492,659	-23.2	0.31	0.51	0.58	0.53	0.56	0.34	0.51	
14	5,144,960	2,875,941	3,147,064	-271,123	-8.6	1,164,501	1,292,132	-127,631	-9.9	0.27	0.58	0.66	0.33	0.38	0.24	0.31	
15	682,880	443,308	455,062	-12,294	-2.7	178,344	187,354	-9,010	-4.8	0.04	0.08	0.10	0.05	0.05	0.04	0.05	
16	3,084,800	2,185,788	2,312,083	-126,295	-5.5	988,252	1,064,525	-76,273	-7.2	0.16	0.42	0.47	0.25	0.28	0.21	0.26	
17	30,498,560	22,030,367	22,648,109	-617,742	-2.7	14,844,039	15,509,986	-755,947	-4.8	1.60	3.39	3.95	2.51	2.70	3.10	3.76	
18	4,808,960	2,573,857	2,840,966	-267,109	-9.4	1,803,336	1,977,042	-173,706	-8.8	0.25	0.53	0.60	0.29	0.34	0.38	0.48	
19	28,692,480	18,856,832	19,371,015	-784,183	-4.0	12,673,519	13,209,183	-535,664	-4.1	1.51	3.45	3.91	2.11	2.31	2.65	3.19	
20	26,073,600	24,105,708	24,501,985	-396,277	-1.6	19,227,969	19,244,472	-16,503	-0.1	1.37	4.28	4.82	2.74	2.92	4.02	4.64	
21	23,068,800	21,299,823	21,619,623	-319,800	-1.5	16,931,252	16,680,358	250,894	1.5	1.21	3.39	3.87	2.42	2.58	3.54	4.02	
22	35,867,520	32,522,937	32,794,728	-271,791	-0.8	28,048,323	27,689,219	349,104	1.3	1.88	3.96	4.60	3.70	3.91	5.86	6.68	
23	36,787,200	30,149,614	31,561,698	-1,378,916	-7.9	12,832,078	11,709,250	1,032,828	8.8	1.93	3.25	3.54	2.16	2.09	2.68	2.85	
24	35,363,840	21,060,066	19,862,727	1,197,339	6.0	11,907,606	11,246,972	660,634	5.9	1.86	2.78	2.96	2.40	2.37	2.49	2.71	
25	51,749,120	27,675,823	26,248,338	1,427,325	5.4	19,643,533	18,442,558	1,200,948	6.5	2.72	2.45	2.70	3.15	3.18	4.11	4.45	
26	35,575,040	33,930,688	34,574,497	-643,619	-1.9	29,391,199	29,897,552	-406,353	-1.4	1.87	3.41	3.98	3.86	4.12	6.16	7.21	
27	43,985,280	34,591,248	33,997,873	593,375	1.7	24,581,186	22,900,043	1,681,143	7.3	2.31	4.36	4.97	3.94	4.05	5.14	5.52	
28	44,917,120	28,436,650	15,542,640	12,894,010	82.9	20,455,092	9,644,529	10,810,572	112.1	2.36	1.17	0.79	3.03	3.15	4.28	2.33	
29	49,195,520	26,016,892	19,070,616	6,946,276	36.4	15,827,208	11,285,983	4,541,225	40.2	2.58	1.22	0.92	2.96	2.27	3.31	2.72	
30	49,157,120	33,622,021	29,911,779	8,710,242	29.1	24,382,377	18,432,595	5,949,982	32.3	2.58	2.01	2.12	4.39	3.57	5.10	4.45	
31	52,335,360	43,384,799	41,662,970	1,721,829	4.1	29,904,067	25,040,500	4,863,517	19.4	2.75	2.80	3.02	4.94	9.17	6.25	6.04	
32	1,257,600	1,038,866	1,066,228	-27,362	-2.6	713,538	754,010	-40,472	-5.4	0.07	0.17	0.17	0.12	0.13	0.15	0.18	
33	6,362,240	5,057,140	5,170,075	-112,935	-2.2	3,354,767	3,316,352	-161,585	-4.6	0.33	0.77	0.80	0.58	0.62	0.70	0.85	
34	38,400	6,063	8,489	-2,426	-26.6	5,133	5,934	-801	-13.5	(8)							
35	25,767,680	19,495,636	19,907,833	-412,247	-2.1	9,870,058	10,094,805	-224,747	-2.2	1.35	2.89	2.93	2.22	2.37	2.06	2.44	
36	15,374,080	10,026,442	10,654,513	-628,071	-5.9	5,521,757	5,498,981	22,776	0.4	0.81	1.52	1.62	1.14	1.27	1.15	1.33	
37	31,193,600	22,439,129	22,749,356	-310,227	-1.4	8,813,056	8,327,106	485,950	5.8	1.64	3.99	3.92	2.55	2.71	1.84	2.01	
38	19,516,800	13,512,028	13,985,014	-472,986	-3.4	6,097,999	5,775,741	322,258	5.6	1.03	2.77	2.71	1.54	1.67	1.27	1.39	
39	37,584,000	26,953,413	26,392,057	561,356	2.1	12,298,017	10,615,644	1,682,373	15.8	1.97	4.57	3.92	3.07	3.15	2.57	2.56	
40	35,111,040	5,253,538	4,363,891	889,647	20.4	1,805,408	1,511,653	293,755	19.4	1.84	0.79	0.71	0.60	0.52	0.38	0.36	
41	25,715,840	22,189,127	20,979,422	209,705	1.0	14,354,471	13,741,968	612,503	4.5	1.35	4.07	4.09	2.52	2.62	3.00	3.32	
42	26,679,680	20,041,657	20,342,058	-300,401	-1.5	10,800,484	10,245,950	554,534	6.3	1.40	3.87	3.92	2.28	2.43	2.28	2.47	
43	32,818,560	20,732,312	20,685,427	46,885	0.2	9,693,581	8,654,991	1,038,590	12.0	1.72	4.13	3.89	2.36	2.47	2.03	2.09	
44	29,671,680	18,557,533	18,240,736	316,797	1.7	9,008,310	7,994,428	1,013,882	18.6	1.56	4.31	3.85	2.11	2.18	1.88	1.83	
45	33,616,000	17,416,075	16,636,719	779,356	4.7	8,076,254	6,953,735	1,122,519	16.1	1.77	3.37	3.11	1.98	1.98	1.69	1.68	
46	29,061,760	10,439,481	11,059,127	-619,646	-5.6	5,276,016	4,666,532	609,484	13.1	1.53	3.89	2.02	1.19	1.32	1.10	1.13	
47	44,424,960	28,859,353	32,988,339	5,871,014	25.5	17,551,337	8,574,187	8,977,150	104.7	2.33	2.99	3.88	3.28	2.74	3.67	2.07	
48	167,934,720	112,435,667	125,807,017	-13,371,850	-10.6	27,360,666	19,576,076	7,784,590	39.8	8.82	6.57	6.14	12.79	15.00	5.72	4.72	
49	93,568,640	13,545,603	11,844,149	1,701,149	14.4	3,640,309	1,736,701	1,903,608	106.6	4.92	0.41	0.23	1.54	1.41	0.76	0.42	
50	53,346,560	5,283,604	3,204,903	2,078,701	64.9	2,778,740	1,413,118	1,365,622	96.6	2.80	0.48	0.30	0.60	0.38	0.58	0.34	
51	62,460,160	8,543,010	8,124,536	418,474	5.2	1,256,160	792,332	463,828	58.5	3.28	0.17	0.11	0.97	0.97	0.26	0.19	
52	66,341,120	13,532,113	9,474,588	4,057,525	42.8	4,302,101	2,273,968	2,028,133	89.2	3.49	0.73	0.43	1.54	1.13	0.90	0.55	
53	78,401,920	11,270,021	5,130,875	6,139,143	119.7	1,497,191	326,871	1,140,318	348.9	4.12	0.56	0.21	1.28	0.61	0.31	0.08	
54	72,838,400	1,246,613	1,935,327	-688,714	-35.6	350,173	254,521	95,652	37.6	3.83	0.15	0.10	1.14	0.23	0.07	0.06	
55	52,597,760	3,397,699	4,116,951	-719,252	-17.5	1,368,211	1,032,117	336,094	32.6	2.76	0.34	0.34	0.39	0.49	0.29	0.25	
56	70,285,440	2,714,757	2,565,647	149,110	5.8	752,117	572,946	179,171	31.3	3.69	0.04	0.04	0.31	0.31	0.16	0.14	
57	42,775,940	11,712,235	8,499,297	3,212,938	37.8</												

In acreage of improved land in farms all of the divisions except the New England and Middle Atlantic show increases between 1900 and 1910. The West North Central division reported a much greater absolute increase than any other division, nearly 29,000,000 acres of improved land, or not far from half of the total increase for the United States, having been added during the decade. The percentage of increase was, however, less than in the West South Central and Mountain divisions. In the West South Central about 18,500,000 acres were added during the decade,

an increase of 46.5 per cent; and in the Mountain division over 7,500,000 acres, or 89.4 per cent. The three northernmost states in the South Atlantic division, namely, Delaware, Maryland, and Virginia, show decreases, which are, however, more than offset by the increases in the other five states of the division.

The following statement shows the changes in the number of farms, land in farms, and improved farm land during the past decade in the North, the South, and the West, and in the territory east and west of the Mississippi River, respectively:

SECTION.	POPULATION.				NUMBER OF ALL FARMS.			
	1910	1900	Increase. ¹		1910	1900	Increase. ¹	
			Amount.	Per cent.			Amount.	Per cent.
United States	91,972,266	75,994,575	15,977,691	21.0	6,361,502	5,737,372	624,130	10.9
The North.....	55,757,115	47,379,699	8,377,416	17.7	2,890,618	2,874,073	16,545	0.6
The South.....	29,289,330	24,523,527	4,865,803	19.8	3,097,547	2,620,391	477,156	18.2
The West.....	6,825,821	4,091,349	2,734,472	66.8	373,337	242,908	130,429	53.7
East of the Mississippi.....	64,723,990	55,023,513	9,700,477	17.6	3,935,031	3,678,867	256,164	7.0
West of the Mississippi.....	27,248,276	20,971,062	6,277,214	29.9	2,426,471	2,058,505	367,966	17.9
	ALL LAND IN FARMS (ACRES).				IMPROVED LAND IN FARMS (ACRES).			
United States	878,798,325	838,591,774	40,206,551	4.8	478,451,750	414,498,487	63,953,263	15.4
The North.....	413,483,256	382,758,943	30,724,693	8.0	289,807,888	261,234,713	28,573,175	10.9
The South.....	354,452,840	302,036,351	7,584,491	-2.1	150,690,852	126,108,093	24,582,759	19.5
The West.....	110,862,209	83,796,860	17,065,349	18.2	37,953,010	27,155,681	10,797,329	39.8
East of the Mississippi.....	366,138,019	367,294,999	-1,156,980	-0.3	217,949,605	211,928,448	6,021,157	2.8
West of the Mississippi.....	512,660,306	471,296,775	41,363,531	8.8	260,502,145	202,570,039	57,932,106	28.6

¹ A minus sign (-) denotes decrease.

The increase of over 30,000,000 acres of land in farms in the North was almost wholly confined to the West North Central division. In the South there was an apparent decrease, owing entirely to the conditions in Louisiana and Texas, already described. The West shows a smaller absolute increase, but a greater percentage of increase, than the North.

In acreage of improved farm land the North shows the greatest absolute increase during the decade, but in the South the absolute increase was nearly as great and the percentage of increase nearly twice as great, while in the West the absolute increase was about one-third as great, but the percentage of increase almost four times as high as in the North.

Percentage of land in farms and percentage improved.—Wide differences exist among the several states and divisions in the proportion of their total area which has been brought into farms, and also in the proportion of the farm land which has been improved. Table 5 shows these differences by means of percentages calculated from the figures in Table 3. The definition of improved land given in the note on page 265 should be borne in mind, since it is probable that the differences in the proportion of land improved and the changes in this proportion from census to census are due partly to differences in interpretation as to what constitutes improved land in different sections of the country and at different censuses.

The map on page 272 shows, by counties, the proportion which land in farms represents of the total land

area, and the map on page 273 shows the proportion which improved land represents of the total land area.

The East North Central division leads all other geographic divisions in the extent to which its land area has been brought into farms, exactly three-fourths of its total land area consisting of farm land. The proportions in the West North Central and East South Central divisions in each case exceed 70 per cent. The Middle Atlantic, West South Central, and South Atlantic divisions have each over 60 per cent of their total land area in farms, but in the New England division the proportion falls slightly below 50 per cent; in the Pacific division it is only 25.2 per cent; and in the Mountain division only 10.8 per cent.

The divisions rank somewhat differently with respect to the proportion of their area which is represented by improved farm land, these differences in ranking being due of course to the differences among the divisions in the percentage which improved land represents of the total farm land. The East North Central division again ranks first, 56.6 per cent of its total land area consisting of improved farm land, and the West North Central division ranks second, with 50.3 per cent. The Middle Atlantic division, however, ranks third, followed by the East South Central and South Atlantic. In each of the five divisions just named the improved farm land constituted more than one-fourth of the total land area, but in the West South Central, New England, Pacific, and

Mountain divisions the proportion is below one-fourth, and, in fact, in the Mountain division it is only 2.9 per cent.

With respect to the proportion which improved land represents of all land in farms, the New England and Middle Atlantic divisions reported a decline between 1900 and 1910, as shown in the table below, but in each of the other seven divisions the proportion was larger in the later year, the change being most conspicuous in the West South Central and Mountain divisions.

DIVISION OR STATE.	PER CENT LAND IN FARMS FORMS OF TOTAL LAND AREA.		PER CENT OF FARM LAND IMPROVED.		PER CENT OF TOTAL LAND AREA IMPROVED.	
	1910	1900	1910	1900	1910	1900
United States.....	46.2	44.1	54.4	49.4	25.1	21.8
GEOGRAPHIC DIVISIONS:						
New England.....	49.7	51.8	36.8	39.6	18.3	20.5
Middle Atlantic.....	67.5	70.1	67.9	68.6	45.8	48.1
East North Central.....	75.0	74.1	75.4	74.5	56.6	55.2
West North Central.....	71.2	61.5	70.6	67.5	50.3	41.5
South Atlantic.....	60.3	60.6	46.7	44.2	28.1	28.8
East South Central.....	71.0	70.7	53.9	49.5	38.2	35.0
West South Central.....	61.5	64.2	34.4	22.5	21.2	14.5
Mountain.....	10.8	8.4	26.7	18.1	2.9	1.5
Pacific.....	25.2	23.3	42.9	39.6	10.8	9.2
NEW ENGLAND:						
Maine.....	32.9	32.9	37.5	37.9	12.3	12.5
New Hampshire.....	52.5	52.5	28.6	29.8	16.1	18.6
Vermont.....	79.9	80.9	35.0	45.0	28.0	36.4
Massachusetts.....	55.9	61.2	40.5	41.1	22.6	25.1
Rhode Island.....	64.9	66.7	40.2	41.1	26.1	27.4
Connecticut.....	70.9	74.9	45.2	46.0	32.0	34.5
MIDDLE ATLANTIC:						
New York.....	72.2	74.3	67.4	68.9	48.7	51.1
New Jersey.....	53.5	59.1	70.1	69.6	37.5	41.1
Pennsylvania.....	64.8	67.5	68.2	68.2	44.2	46.0
EAST NORTH CENTRAL:						
Ohio.....	92.5	94.0	79.8	78.5	73.7	73.8
Indiana.....	92.3	94.1	79.5	77.2	73.4	72.6
Illinois.....	91.5	92.2	84.5	84.5	78.2	77.3
Michigan.....	51.5	47.7	67.8	67.2	34.9	32.1
Wisconsin.....	59.6	56.2	56.5	56.6	33.7	31.8
WEST NORTH CENTRAL:						
Minnesota.....	53.5	50.7	71.0	70.3	38.0	35.6
Iowa.....	95.4	97.2	86.9	86.5	82.9	84.0
Missouri.....	78.6	77.3	71.1	67.4	55.9	52.1
North Dakota.....	63.8	34.6	72.0	62.1	45.5	21.5
South Dakota.....	52.0	38.8	40.8	41.8	32.2	27.3
Nebraska.....	78.6	60.8	63.1	61.6	49.6	37.5
Kansas.....	52.9	79.6	68.9	60.1	57.1	47.8
SOUTH ATLANTIC:						
Florida.....	82.6	84.8	68.7	70.7	56.7	60.0
Maryland.....	79.8	81.3	66.3	68.0	52.7	55.3
District of Columbia.....	15.5	22.1	84.7	69.9	13.4	15.5
Virginia.....	75.7	77.3	50.6	50.7	38.3	39.2
West Virginia.....	65.2	69.3	35.1	51.6	35.9	35.8
North Carolina.....	71.9	72.9	39.3	36.6	30.3	26.7
South Carolina.....	69.2	71.7	45.1	41.3	31.2	29.6
Georgia.....	71.7	70.2	45.6	40.2	32.7	28.2
Alabama.....	15.0	12.4	34.4	34.6	5.4	4.3
EAST SOUTH CENTRAL:						
Kentucky.....	86.3	85.5	64.7	62.5	55.8	53.4
Tennessee.....	75.1	76.2	54.3	50.4	40.8	38.4
Alabama.....	63.2	63.0	46.8	45.8	38.2	36.9
Mississippi.....	62.5	61.5	48.5	41.6	30.0	25.6
WEST SOUTH CENTRAL:						
Arkansas.....	51.8	49.5	46.4	41.8	24.0	20.7
Louisiana.....	35.9	38.1	50.5	42.2	18.2	16.1
Oklahoma.....	65.0	51.7	60.8	37.3	39.5	19.3
Texas.....	67.0	74.9	24.3	15.6	16.3	11.7
MOUNTAIN:						
Montana.....	14.5	12.7	26.9	14.7	3.9	1.9
Idaho.....	9.9	6.0	52.6	44.1	5.2	2.6
Wyoming.....	13.7	13.0	14.7	9.8	2.0	1.3
Colorado.....	20.4	14.3	31.8	24.0	6.5	3.4
New Mexico.....	14.4	6.5	15.0	6.4	1.8	0.4
Arizona.....	1.7	2.7	28.1	13.2	0.5	0.3
Utah.....	6.5	7.8	40.3	25.1	2.6	2.0
Nevada.....	3.9	3.7	27.7	22.3	1.1	0.8
PACIFIC:						
Washington.....	27.4	19.9	54.4	40.8	14.9	8.1
Oregon.....	19.1	16.5	30.6	33.0	7.0	5.4
California.....	28.0	28.9	40.8	41.5	11.4	12.0

In the North, as shown in Table 6, improved farm land represents 49.3 per cent of the total land area; in the South, 26.8 per cent; and in the West, 5 per cent. East of the Mississippi the proportion is 39.8 per cent; west of the river, 19.2.

SECTION.	PER CENT LAND IN FARMS FORMS OF TOTAL LAND AREA.		PER CENT OF FARM LAND IMPROVED.		PER CENT OF TOTAL LAND AREA IMPROVED.	
	1910	1900	1910	1900	1910	1900
United States.....	48.2	44.1	54.4	49.4	25.1	21.8
The North.....	70.4	65.1	70.1	68.3	49.3	44.5
The South.....	63.1	64.4	42.5	34.8	26.8	22.4
The West.....	14.7	12.4	34.2	23.0	5.0	3.6
East of the Mississippi.....	66.8	67.1	59.5	57.7	39.8	38.7
West of the Mississippi.....	37.8	34.8	30.8	43.0	19.2	14.9

Average size of farms.—Table 13, on page 280, shows the average acreage and improved acreage per farm.

The farms are smaller in the older sections of the country than in the newer. They are, also, in general, smaller in the Southern states than in the Northern. This latter condition, however, is due largely to the fact that the land operated by each tenant is, in the census statistics, treated as a separate farm. In certain Southern states there are still many so-called plantations consisting of several or even many tenant holdings. In many cases these plantations as a whole are as truly agricultural units as large farms in the North operated by hired labor.

More specifically, the average size of farms is smallest in the East South Central division—78.2 acres. It is 92.2 acres in the Middle Atlantic division, 93.3 in the South Atlantic, 104.4 in the New England, and 105 in the East North Central. These five divisions do not differ so widely from one another as they all do from the four divisions lying west of the Mississippi River, in which the farms average much larger, ranging from 179.3 acres in the West South Central to 324.5 acres in the Mountain division. From the standpoint of cultivation of the soil, as distinguished from grazing, the average number of improved acres per farm furnishes a better basis for comparison of size than the average number of acres of all land, and in this respect the divisions rank quite differently.

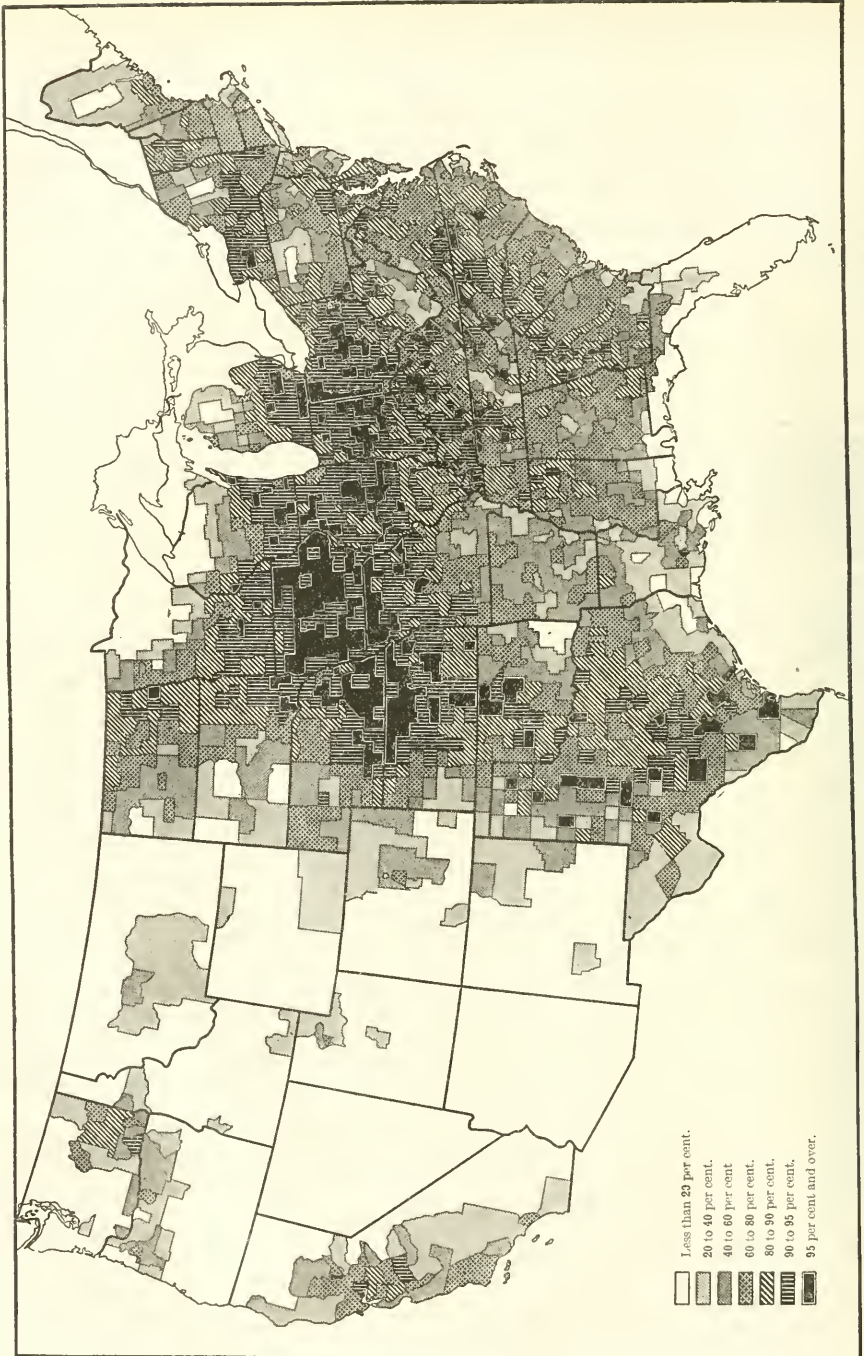
While the average size of farms in the country as a whole has decreased about 6 per cent since 1900, it has increased in the East and West North Central divisions, and in the New England and Middle Atlantic divisions the decrease is small. But in the three southern divisions and in the Mountain and Pacific divisions the decrease in the size of farms has been conspicuous.

The following table shows the average size of farms in the North, the South, and the West, and in the territory east and west of the Mississippi, respectively:

SECTION.	AVERAGE ACRES OF LAND PER FARM.		AVERAGE IMPROVED ACRES PER FARM.	
	1910	1900	1910	1900
United States.....	138.1	146.2	75.2	72.2
The North.....	143.0	133.2	100.3	90.9
The South.....	114.4	138.2	48.6	48.1
The West.....	296.9	386.1	101.7	111.8
East of the Mississippi.....	93.0	99.8	55.4	57.6
West of the Mississippi.....	211.3	229.0	10.4	98.4

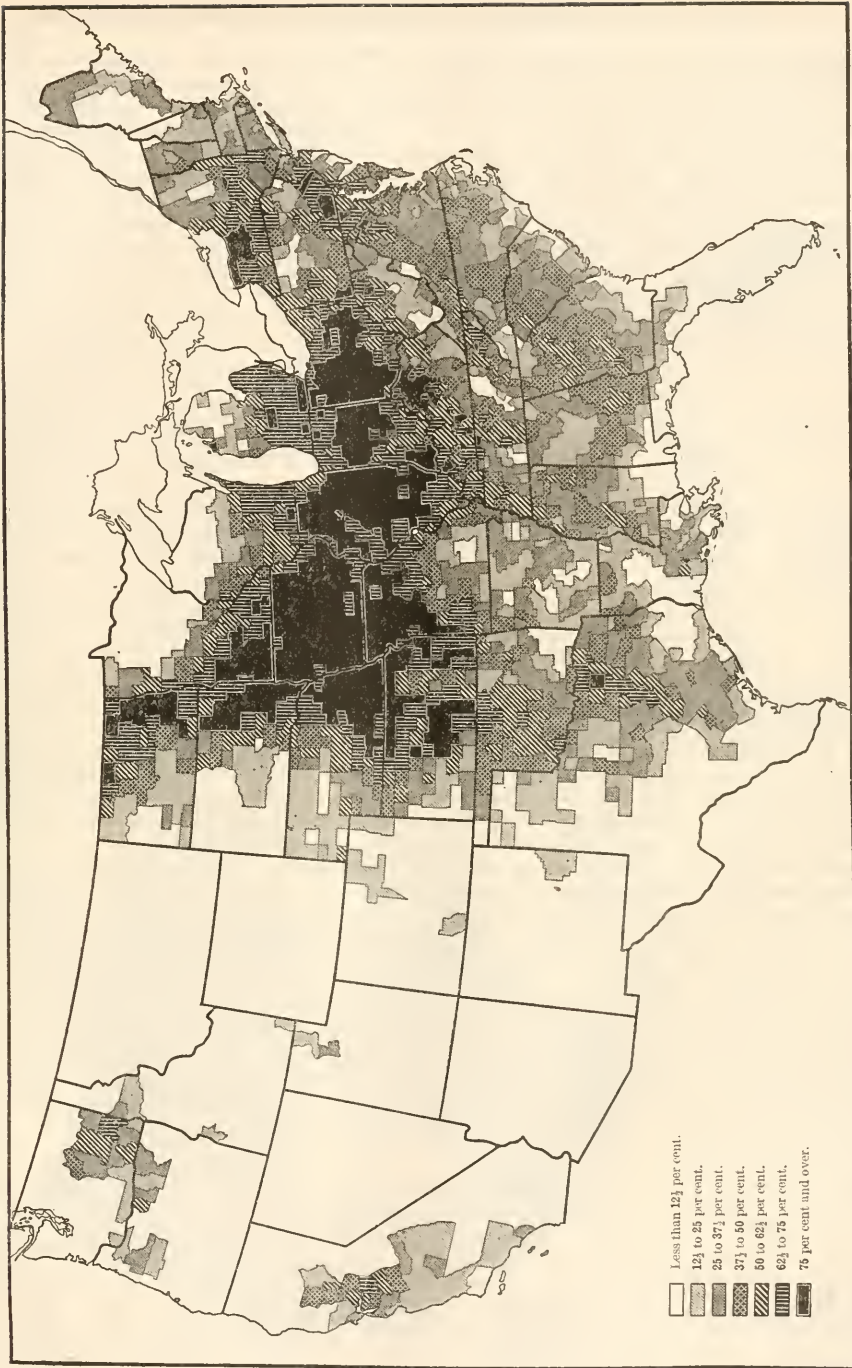
PER CENT LAND IN FARMS FORMS OF TOTAL LAND AREA, BY COUNTIES: 1910.

[Per cent for the United States, 46.2.]



PER CENT IMPROVED LAND IN FARMS FORMS OF TOTAL LAND AREA, BY COUNTIES: 1910.

[Per cent for the United States, 25.1.]



VALUE OF FARM PROPERTY, BY DIVISIONS AND STATES: 1910 AND 1900.

Geographic distribution of farm values.—Table 10 (pp. 276 and 277) shows for each division and state for 1910 and 1900 the value of all farm property and that of each class, together with increases.

The distribution of farm values among the divisions and states of the country differs quite radically from the distribution of land in farms, since there are wide differences in the average value of farm land and farm equipment per acre in the different sections of the country. The following table shows what percentage of the total value of all farm property and of each class thereof in the United States is reported from each geographic division or section:

DIVISION OR SECTION.	PER CENT OF UNITED STATES TOTALS.				
	All farm property.	Land.	Buildings.	Implements and machinery.	Live stock.
United States	100.0	100.0	100.0	100.0	100.0
New England	2.1	1.3	5.3	4.0	2.0
Middle Atlantic	7.2	5.1	15.5	13.2	7.1
East North Central	24.7	25.4	26.0	21.2	19.5
West North Central	33.0	35.3	24.7	29.2	31.5
South Atlantic	7.2	6.6	9.5	7.8	7.4
East South Central	5.3	4.7	6.5	6.0	7.5
West South Central	9.4	9.5	6.5	9.5	12.0
Mountain	4.3	4.1	2.3	3.9	7.0
Pacific	6.8	7.9	3.7	5.2	4.8
The North	67.0	67.2	71.5	67.7	60.4
The South	21.9	20.8	22.6	23.2	26.9
The West	11.1	12.0	6.0	9.1	12.7
East of the Mississippi	46.5	43.1	62.8	52.2	43.8
West of the Mississippi	53.5	56.9	37.2	47.8	56.2

Table 8 shows that nearly one-third of the total value of farm property in 1910 was found in the West North Central division alone, and nearly one-fourth in the East North Central, leaving only about 42 per cent for the other seven geographic divisions. An examination of Table 10, however, shows that the East North Central division had a smaller proportion of the total value of farm property in 1910 than in 1900. The same is true of three other easterly divisions, the New England, Middle Atlantic, and East South Central; but the South Atlantic division and all four of the divisions lying west of the Mississippi River contributed a larger proportion of the total value of farm property in the later year than in the earlier.

In the North as a whole the value of farm property in 1910 constituted 67 per cent of the total for the United States; in the South, 21.9 per cent; and in the

West, 11.1 per cent. The territory east of the Mississippi River comprised 46.5 per cent of all farm property and that west of the river 53.5 per cent.

Increase in value of farm property.—Between 1900 and 1910 the total value of farm property in the United States doubled, increasing 100.5 per cent. This extraordinary increase in value has been shared by every state. (The District of Columbia, although listed in the tables, counts for but little in agricultural statistics.) Moreover, there has been an increase in every state in the value of each class of farm property, with the sole exception of the value of implements and machinery in Louisiana. The apparent decrease in this item in Louisiana is misleading, being due mainly, if not wholly, to the fact that the returns for 1900 included as implements and machinery the equipment of sugar mills on plantations, which was excluded, as being manufacturing property, in 1910.

In absolute amount of increase in the value of all farm property the West North Central division far exceeds any other, the increase of \$7,714,000,000 there representing considerably more than one-third of the total increase for the entire country. The East North Central, West South Central, and Pacific divisions follow, in the order named, in the absolute amounts added to the value of farm property. The divisions, however, rank differently with respect to the percentages of increase. The Mountain division shows the most remarkable relative increase, 192.3 per cent, followed in order by the Pacific, West South Central, West North Central, and South Atlantic divisions. In each of these five divisions the increase exceeded 100 per cent. The lowest rate of increase was in the Middle Atlantic division, 28.1 per cent.

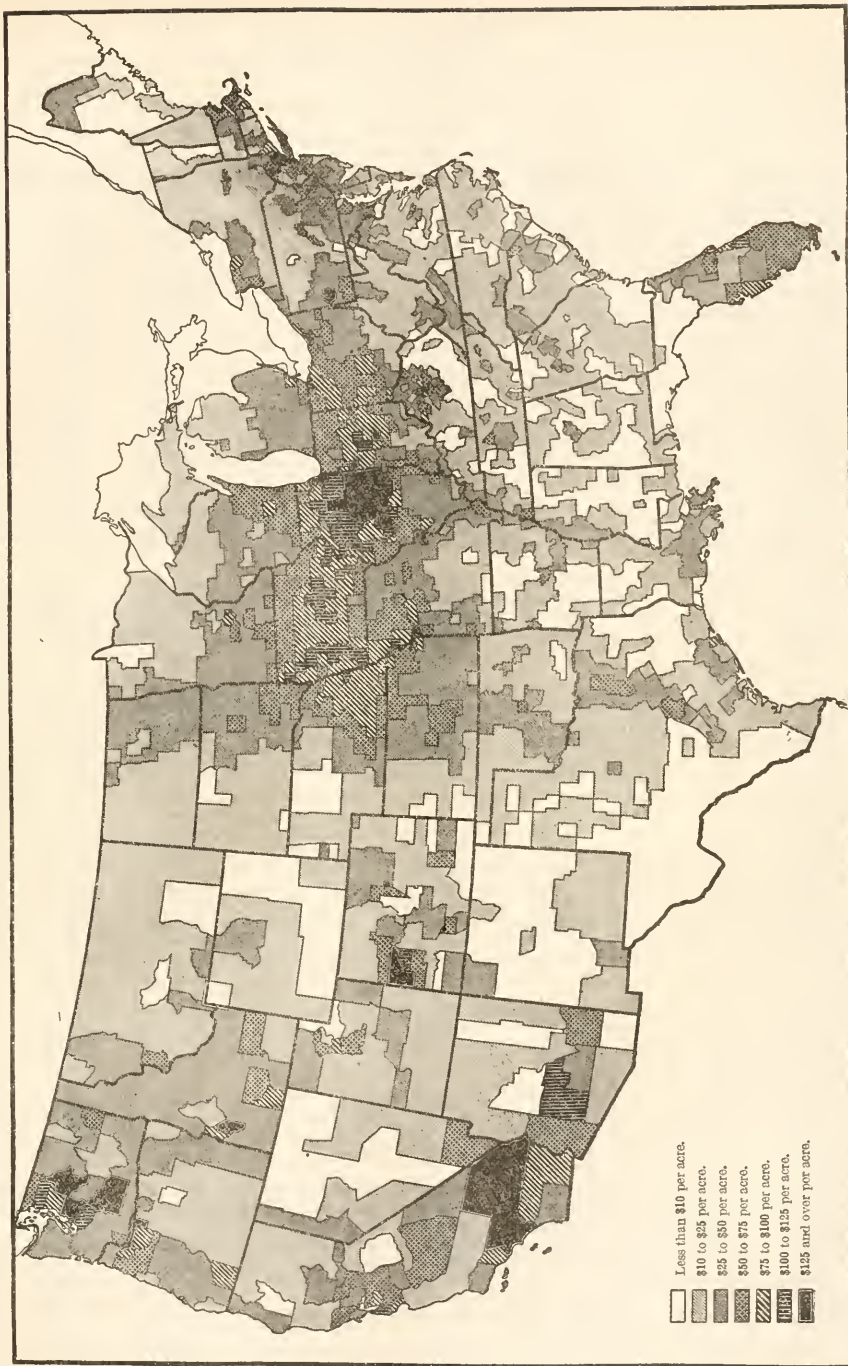
As shown in Table 9, the relative increase in the value of all farm property in the South, 110.1 per cent, exceeded that in the North, 90.1 per cent; but both, as might be expected, fell below the West, in which the increase was 164.7 per cent. The absolute increase in the North, however, over \$13,000,000,000, greatly exceeded that in the other two sections combined, representing in fact almost two-thirds of the total increase for the United States. For the entire territory east of the Mississippi River the percentage of increase in the value of all farm property was 69.1 and for the territory west of the river 139.3.

SECTION.	VALUE OF ALL FARM PROPERTY.			PER CENT OF INCREASE: 1900-1910				
	1910	1900	Increase.	All farm property.	Land.	Buildings.	Implements and machinery.	Live stock.
United States	\$40,981,449,090	\$20,439,901,164	\$20,551,547,926	100.5	118.1	77.8	66.7	60.1
The North	27,481,297,056	14,455,452,476	13,025,844,580	90.1	104.2	69.2	65.6	56.8
The South	8,972,126,893	4,269,854,719	4,702,272,170	110.1	131.3	98.0	62.9	63.5
The West	4,538,055,145	1,714,593,969	2,823,461,176	164.7	203.5	125.0	119.0	79.1
East of the Mississippi	19,079,930,097	11,284,358,101	7,795,571,996	69.1	73.4	62.5	56.7	62.0
West of the Mississippi	21,911,518,993	9,155,543,063	12,755,975,930	139.3	171.0	111.6	84.2	58.7

AVERAGE VALUE OF LAND IN FARMS PER ACRE, BY COUNTIES: 1910.

[Average for the United States, \$32.40.]

Note.—The averages are based only on land in farms, each county as a whole being shaded according to the average value of such land per acre, even though only a small proportion of the county may be occupied by farm land. Comparison should be made between this map and the map on page 272.



FARM PROPERTY—VALUE OF EACH CLASS OF FARM PROPERTY, WITH AMOUNTS

[A minus sign (-) denotes decrease.]

Table 10	DIVISION OR STATE.	ALL FARM PROPERTY.				LAND.			
		1910	1900	Increase.		1910	1900	Increase.	
				Amount.	Per cent.			Amount.	Per cent.
1	United States.....	\$40,991,449,090	\$20,439,901,164	\$20,551,547,926	100.5	\$28,475,674,169	\$13,058,007,995	\$15,417,666,174	118.1
GEOGRAPHIC DIVISIONS:									
2	New England.....	867,240,437	639,645,900	227,594,537	35.6	382,134,424	283,460,803	98,673,621	34.8
3	Middle Atlantic.....	2,959,589,022	2,310,886,728	648,702,294	28.1	1,402,321,005	1,219,928,090	242,392,915	19.9
4	East North Central.....	10,119,128,066	5,683,925,367	4,435,202,699	78.0	7,231,699,114	3,973,023,780	3,258,675,334	82.0
5	West North Central.....	13,535,309,511	5,829,994,481	7,714,315,030	132.5	10,052,560,913	3,892,877,273	6,159,683,640	158.2
6	South Atlantic.....	2,951,200,773	1,454,031,316	1,497,169,457	103.0	1,883,349,675	899,520,936	983,828,739	109.3
7	East South Central.....	2,182,771,779	1,195,868,790	986,902,989	82.5	1,326,826,864	708,153,411	618,673,413	87.4
8	West South Central.....	3,838,154,337	1,619,954,613	2,218,199,724	136.9	2,716,008,530	953,784,502	1,762,313,965	184.8
9	Mountain.....	1,757,573,368	601,264,189	1,156,309,188	192.3	1,174,370,006	284,065,810	890,305,268	313.4
10	Pacific.....	2,789,451,777	1,113,329,789	1,676,121,988	149.7	2,246,313,548	842,893,290	1,403,420,258	186.5
NEW ENGLAND:									
11	Maine.....	199,271,998	122,410,904	76,861,094	62.8	86,481,395	49,359,450	37,121,945	75.2
12	New Hampshire.....	103,704,196	85,842,006	17,862,190	20.8	44,519,047	35,498,760	9,020,287	25.4
13	Vermont.....	145,399,728	108,451,427	36,948,301	34.1	58,385,327	45,813,907	12,571,422	27.4
14	Massachusetts.....	226,474,025	182,646,794	43,827,231	24.0	105,532,610	86,925,410	18,607,200	21.4
15	Rhode Island.....	230,979,729	26,989,189	6,001,550	22.2	15,069,981	13,421,770	1,688,211	11.8
16	Connecticut.....	159,399,771	113,305,580	46,094,191	40.7	72,206,058	52,441,508	19,764,550	37.7
MIDDLE ATLANTIC:									
17	New York.....	1,451,481,495	1,069,723,895	381,757,600	35.7	707,747,828	551,174,220	156,573,608	28.4
18	New Jersey.....	254,832,665	189,533,660	65,299,005	34.5	124,143,167	97,369,390	30,782,737	33.0
19	Pennsylvania.....	1,233,274,862	1,051,629,173	201,645,689	19.2	630,430,010	575,392,940	55,037,070	9.6
EAST NORTH CENTRAL:									
20	Ohio.....	1,902,694,589	1,198,923,946	703,770,643	58.7	1,285,894,812	517,163,710	468,731,102	57.4
21	Indiana.....	1,809,135,238	978,618,471	830,518,767	84.9	1,328,196,545	687,633,660	640,563,085	93.2
22	Illinois.....	3,905,321,675	2,004,316,897	1,901,004,178	94.8	3,990,411,148	1,514,113,970	1,576,297,178	104.1
23	Michigan.....	1,088,858,379	690,355,734	398,502,645	57.7	615,258,348	423,569,950	191,688,398	45.3
24	Wisconsin.....	1,413,118,755	811,712,319	601,406,436	74.1	911,938,261	530,542,600	381,395,571	71.9
WEST NORTH CENTRAL:									
25	Minnesota.....	1,476,411,737	788,684,642	687,727,095	87.2	1,019,102,027	559,391,900	459,800,127	82.2
26	Iowa.....	3,745,840,546	1,834,345,546	1,911,514,998	104.2	2,801,973,729	1,546,751,980	1,545,221,749	123.0
27	Missouri.....	2,652,917,488	1,335,121,897	1,019,795,591	95.7	1,445,982,389	695,470,263	750,511,666	107.9
28	North Dakota.....	974,814,205	255,266,751	719,547,454	281.9	736,380,131	173,352,270	557,027,861	321.3
29	South Dakota.....	1,166,096,980	297,525,362	868,571,618	291.9	902,606,751	189,206,800	713,399,861	377.1
30	Nebraska.....	2,079,818,647	747,950,057	1,331,868,590	178.1	1,614,539,313	486,065,900	1,127,933,413	231.8
31	Kansas.....	2,039,389,910	804,160,286	1,178,289,624	136.0	1,537,976,573	532,187,610	1,005,788,963	189.0
SOUTH ATLANTIC:									
32	Delaware.....	63,179,201	40,697,654	22,481,547	55.2	34,938,161	23,768,820	11,169,341	47.0
33	Maryland.....	286,167,028	204,645,407	81,521,621	39.8	163,451,614	120,367,559	43,084,064	35.8
34	District of Columbia.....	8,476,533	11,535,376	-3,058,843	-26.5	7,193,950	9,709,230	-2,506,280	-25.8
35	Virginia.....	625,065,383	323,515,977	301,549,460	93.2	394,658,912	200,615,060	194,043,832	96.7
36	West Virginia.....	314,738,540	203,907,349	110,831,191	54.4	207,075,759	134,260,110	72,806,649	54.2
37	North Carolina.....	537,716,210	233,834,683	303,881,517	130.0	343,164,945	141,955,840	201,209,105	141.7
38	South Carolina.....	392,128,314	153,591,159	238,537,155	155.3	268,774,854	99,805,800	168,968,994	169.3
39	Georgia.....	580,546,381	228,374,637	352,171,744	154.2	370,353,415	138,515,430	231,837,985	167.4
40	Florida.....	143,183,183	53,929,664	89,254,119	165.5	93,738,065	36,823,616	62,915,049	204.1
EAST SOUTH CENTRAL:									
41	Kentucky.....	773,797,880	471,045,856	302,752,024	64.3	484,464,617	291,117,430	193,347,187	66.4
42	Tennessee.....	612,520,836	341,202,025	271,318,811	79.5	371,415,783	202,012,790	169,401,993	83.9
43	Alabama.....	370,138,429	179,399,882	190,738,547	106.3	216,944,175	100,165,571	116,778,604	116.6
44	Mississippi.....	426,314,634	204,221,027	222,093,607	108.8	254,002,289	114,856,660	139,145,629	121.1
WEST SOUTH CENTRAL:									
45	Arkansas.....	400,689,303	181,416,601	218,673,302	120.5	246,021,450	165,186,650	140,914,800	134.1
46	Louisiana.....	301,229,988	198,536,906	102,684,682	51.7	187,803,277	107,730,210	80,073,067	74.3
47	Oklahoma.....	218,198,882	127,525,433	640,673,449	230.9	640,066,668	149,397,900	490,668,768	334.5
48	Texas.....	2,918,645,164	962,476,273	1,256,168,891	130.5	1,633,207,135	591,550,802	1,041,656,333	176.1
MOUNTAIN:									
49	Montana.....	347,828,770	117,859,823	229,968,947	195.1	226,771,302	52,660,560	174,110,742	330.6
50	Idaho.....	305,317,185	67,271,202	238,045,983	353.9	219,953,310	35,486,368	184,466,948	519.8
51	Wyoming.....	167,189,081	67,477,467	99,711,674	147.8	88,908,276	23,434,010	65,474,266	279.4
52	Colorado.....	491,471,806	161,045,161	330,426,705	205.2	362,822,205	90,341,523	272,480,682	301.6
53	New Mexico.....	159,447,990	53,767,824	105,680,166	196.6	98,806,497	17,323,708	81,482,788	470.4
54	Arizona.....	75,123,979	29,993,847	45,130,133	159.5	42,349,737	11,416,460	30,933,277	271.0
55	Utah.....	160,795,201	75,175,141	75,620,060	100.6	99,482,164	40,126,560	59,355,604	147.9
56	Nevada.....	50,399,365	28,673,835	31,725,530	110.6	35,276,590	13,275,620	22,000,970	165.7
PACIFIC:									
57	Washington.....	637,543,411	144,040,547	493,502,864	342.6	517,421,998	90,310,510	418,111,488	421.0
58	Oregon.....	528,243,782	172,761,287	355,482,495	205.8	411,696,102	113,137,820	298,558,282	263.9
59	California.....	1,614,684,584	796,527,955	818,166,629	102.7	1,317,195,448	630,441,960	686,750,488	108.9

1 Includes Indian Territory.

FARMS AND FARM PROPERTY.

AND PERCENTAGES OF INCREASE, BY DIVISIONS AND STATES: 1910 AND 1900.

[A minus sign (-) denotes decrease.]

	BUILDINGS.				IMPLEMENTS AND MACHINERY.				LIVE STOCK.			
	1910	1900	Increase.		1910	1900	Increase.		1910	1900	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
1	\$6,325,451,528	\$3,556,639,496	\$2,768,812,032	77.8	\$1,265,149,789	\$749,775,970	\$515,373,813	68.7	\$4,925,173,610	\$3,075,477,703	\$1,849,695,907	60.1
2	336,410,384	244,806,945	91,603,439	37.4	50,798,826	36,551,820	14,247,006	39.0	97,896,823	74,526,332	23,070,491	30.8
3	980,628,080	729,069,850	251,558,248	34.5	167,450,334	116,253,270	51,227,114	44.1	349,159,535	245,635,518	103,524,017	42.1
4	1,642,292,480	939,573,660	702,718,820	74.8	268,806,850	160,694,220	102,112,330	61.3	976,329,922	694,633,707	317,696,215	61.1
5	1,562,104,357	758,405,725	803,699,232	106.0	368,935,544	197,367,540	171,507,704	86.9	1,551,708,097	972,343,043	579,364,454	60.6
6	603,086,799	306,528,682	296,558,117	96.7	98,230,147	53,318,890	44,911,257	84.2	366,534,152	194,362,808	172,171,344	88.6
7	411,570,975	225,627,972	185,943,603	82.4	75,339,333	48,767,235	26,572,098	54.5	369,034,607	213,320,732	155,713,875	73.0
8	412,498,352	185,105,506	227,392,846	122.8	119,720,377	77,925,509	41,795,327	53.6	589,837,078	403,138,495	186,698,583	46.3
9	145,026,777	54,554,862	90,471,915	165.8	49,429,973	18,807,620	30,622,353	162.8	288,746,520	243,836,888	144,909,632	59.4
10	231,832,706	112,966,894	118,865,812	105.2	66,408,647	34,090,025	32,318,622	94.8	235,926,876	123,379,580	112,547,296	91.2
11	73,138,231	47,142,700	25,995,531	55.1	14,490,533	8,802,720	5,687,813	64.6	25,161,839	17,106,934	8,855,805	47.1
12	41,307,014	34,625,600	6,771,414	19.6	5,877,657	5,163,090	714,567	13.8	11,910,478	10,554,646	1,355,832	12.8
13	54,202,948	37,257,715	16,945,233	45.5	10,168,687	7,438,490	2,630,197	34.9	22,642,766	17,841,317	4,801,449	26.9
14	88,636,149	71,093,880	17,542,269	24.7	11,563,894	8,828,950	2,734,944	31.0	20,741,366	15,798,464	4,942,902	31.3
15	12,922,879	9,703,789	3,219,389	33.2	1,781,407	1,270,270	511,137	40.2	3,270,472	2,393,669	682,813	26.3
16	66,113,163	44,983,560	21,129,603	47.0	6,916,648	4,948,309	1,968,348	39.8	14,163,902	10,932,212	3,231,690	29.6
17	476,998,001	336,959,960	140,038,041	41.6	83,644,822	56,066,000	27,638,822	49.3	183,090,844	125,583,715	57,507,129	45.8
18	92,991,352	60,230,080	32,761,272	34.3	13,109,507	9,830,030	3,279,477	40.9	24,588,639	17,612,620	6,976,019	38.6
19	410,638,745	322,879,810	87,758,935	27.2	70,726,055	50,917,240	19,808,815	38.9	141,480,052	102,439,183	39,040,869	38.1
20	368,257,594	219,451,470	148,806,124	67.8	51,210,071	36,354,150	14,855,921	40.9	197,332,112	125,954,616	71,377,496	56.7
21	266,079,051	154,101,880	111,977,171	72.7	40,999,541	27,330,370	13,669,171	50.0	173,860,101	109,550,761	64,309,340	58.7
22	432,381,422	251,467,580	180,913,842	71.9	78,724,074	44,777,310	28,746,764	63.9	308,804,431	193,758,037	115,046,394	59.4
23	285,879,951	158,947,760	126,932,191	79.9	49,916,285	28,795,380	21,120,905	73.3	137,803,795	79,042,644	58,761,151	74.3
24	289,094,462	155,604,970	134,089,492	86.2	56,856,579	29,237,010	23,719,569	61.0	158,529,453	96,327,649	62,201,834	64.6
25	243,339,399	110,220,415	133,118,984	120.8	52,329,165	20,099,220	22,229,935	73.9	161,641,146	89,063,097	72,578,049	61.5
26	455,405,671	240,802,810	214,602,861	89.1	95,477,948	57,960,660	37,517,288	64.7	393,003,196	278,330,096	114,173,100	40.9
27	270,221,997	148,508,490	121,713,507	82.0	50,873,994	28,602,660	22,271,314	77.9	285,839,168	160,540,004	125,299,104	78.0
28	92,276,613	25,428,135	66,848,183	262.9	43,907,595	14,055,560	29,852,035	212.4	108,249,866	42,430,491	65,819,375	155.1
29	102,474,056	30,926,300	71,547,756	231.3	33,786,973	12,218,680	21,568,293	176.5	127,229,200	65,173,432	62,055,768	95.2
30	198,807,622	91,054,120	107,753,502	118.3	44,249,708	24,940,450	19,309,258	77.4	222,222,004	145,349,587	76,872,417	52.9
31	199,579,599	111,465,160	88,114,439	79.1	48,310,161	29,490,580	18,819,581	63.8	253,523,577	190,956,936	62,566,641	32.8
32	18,217,822	10,667,220	7,550,602	70.8	3,206,095	2,150,560	1,055,535	49.1	6,817,123	4,111,054	2,706,069	65.8
33	78,285,509	54,810,760	23,474,749	42.8	11,859,771	8,611,220	3,248,551	37.7	32,570,134	20,855,877	11,714,257	56.2
34	1,037,393	1,573,700	-536,367	-34.1	92,330	136,000	-43,710	-32.1	132,840	125,326	27,514	22.0
35	137,399,150	70,963,120	66,436,600	93.6	18,115,853	9,911,040	8,204,843	82.8	74,891,438	42,026,737	32,864,701	78.2
36	57,315,195	34,026,560	23,288,635	68.4	7,011,513	5,040,420	1,971,093	39.1	43,336,073	30,571,259	12,764,814	41.8
37	113,459,662	52,700,080	60,759,582	115.3	15,441,619	9,072,606	9,369,019	103.8	62,649,934	30,106,173	32,543,811	108.1
38	64,113,227	26,955,670	37,157,557	137.8	14,108,853	6,629,770	7,479,083	112.3	45,131,380	20,199,859	24,931,521	123.4
39	108,850,917	44,854,690	63,996,227	142.7	20,948,056	9,804,010	11,144,046	113.7	80,393,993	35,200,507	45,193,486	128.4
40	24,407,924	9,970,622	14,431,102	144.6	4,446,007	1,963,210	2,482,797	126.5	20,591,187	11,166,016	9,425,171	84.4
41	150,994,755	90,887,460	60,107,295	66.1	20,851,846	15,301,860	5,549,886	36.3	117,486,602	73,739,106	43,747,556	59.3
42	109,106,804	63,136,960	45,969,844	72.8	11,292,171	15,232,670	6,059,501	39.8	110,706,078	60,818,605	49,887,473	82.0
43	71,309,416	34,452,612	36,856,804	107.0	16,290,004	8,675,906	7,614,104	87.8	65,594,834	36,105,799	29,489,035	81.7
44	80,160,000	37,150,340	43,009,660	115.8	16,905,312	9,856,805	7,048,507	76.9	75,247,633	42,657,222	32,589,811	76.4
45	63,145,363	30,075,520	33,069,843	110.0	16,864,198	8,750,060	8,114,138	92.7	74,058,292	37,453,771	36,574,521	97.6
46	49,174,173	33,400,400	16,340,773	49.8	17,077,053	28,536,790	-9,559,737	-33.5	44,609,485	28,609,506	15,829,979	54.8
47	89,610,556	121,406,775	68,203,771	318.6	27,888,686	110,512,495	16,576,371	157.7	152,482,792	196,208,263	56,224,529	58.4
48	210,001,260	100,222,811	109,778,449	109.5	50,730,260	30,125,705	26,664,355	88.5	318,646,309	240,576,958	78,069,534	32.5
49	24,854,628	9,365,530	15,489,098	165.4	10,539,633	3,671,900	6,867,733	187.0	85,663,187	52,161,833	33,501,354	64.2
50	25,112,509	6,831,815	18,280,694	267.6	10,476,051	3,295,045	7,181,006	217.9	49,775,309	21,657,974	28,117,335	129.8
51	9,007,001	3,531,520	5,475,481	155.1	3,608,294	1,366,000	2,302,294	108.5	65,605,510	39,145,877	26,459,637	67.6
52	45,696,656	16,002,512	29,694,144	185.6	12,791,001	4,746,755	8,044,546	169.5	70,161,344	49,954,311	20,207,033	40.5
53	13,024,502	3,565,105	9,459,397	265.3	4,122,312	1,151,610	2,970,702	258.0	43,494,679	31,727,400	11,767,279	37.1
54	4,935,573	2,266,500	2,669,073	117.8	1,787,700	765,200	1,022,500	133.6	26,050,870	15,545,687	10,505,183	67.6
55	18,063,168	10,651,790	7,411,378	69.6	4,468,178	2,922,550	1,545,628	32.9	28,781,691	21,474,241	7,307,450	34.0
56	4,332,740	2,340,090	1,992,650	85.2	1,576,096	888,560	687,536	77.4	19,213,930	12,169,565	7,044,365	57.9
57	54,546,459	16,299,200	38,247,259	234.7	16,709,844	6,271,630	10,438,214	166.4	48,865,110	22,159,207	26,705,903	120.5
58	43,880,207	19,199,694	24,680,513	128.5	13,205,645	6,806,725	6,698,920	103.0	59,461,828	33,917,048	25,544,780	75.3
59	133,406,040	77,468,000	55,938,040	72.2	36,493,158	21,911,670	15,181,458	71.2	127,899,938	67,303,325	60,296,613	89.6

Average value of farm property per acre of land.—Much more significant than comparisons between states and divisions with respect to the total value of farm property are comparisons of the average value of farm property per acre of land in farms. Table 12 shows for each division and state the average value, per acre of farm land, of all farm property and of each class.

In the average value of all farm property per acre of farm land the geographic division which ranks highest is the East North Central, the average in that division being \$85.81. The Middle Atlantic division is next (\$68.52 per acre), followed by the West North Central (\$58.18), Pacific (\$54.17), and New England (\$43.99) divisions in the order named. In the Mountain division, as well as in each of the three southern divisions, the average value of farm property per acre falls between \$20 and \$30.

The average value of land itself per acre ranges from \$61.32 in the East North Central division to \$16.06 in the West South Central. The values are much lower in New England, the three southern divisions, and the Mountain division than in the other four divisions.

The southern divisions of the country in general show greater percentages of increase in the value of

all farm property per acre of farm land during the past decade than the northern divisions. The West South Central division outranks all others in this respect, with an increase of 147.2 per cent. The two most westerly divisions, Mountain and Pacific, rank next in percentage of increase, followed by the South Atlantic and the West North Central. In all five of the divisions just named the average value of all farm property per acre of land was more than twice as high in 1910 as in 1900. The lowest rate of increase, 33 per cent, was in the Middle Atlantic division.

The principal factor in the increase of the value of farm property as a whole has been the increase in the value of land per acre. In five of the nine geographic divisions—namely, the four west of the Mississippi River, together with the South Atlantic—the average value of land in farms per acre was more than twice as high in 1910 as in 1900; in the Mountain division it was more than three times as high. In the East North Central and East South Central divisions the increase in value of farm land per acre exceeded 75 per cent. The lowest percentages of increase were in the Middle Atlantic and New England divisions—24.5 per cent and 40.5 per cent, respectively.

Table 11

SECTION.	AVERAGE VALUE OF ALL FARM PROPERTY PER ACRE.				LAND.				BUILDINGS.			IMPLEMENTS AND MACHINERY.			LIVE STOCK.		
	1910	1900	Increase.		1910	1900	Increase.		1910	1900	Per cent of increase.	1910	1900	Per cent of increase.	1910	1900	Per cent of increase.
			Amount.	Per cent.			Amount.	Per cent.									
United States.....	\$46.64	\$24.37	\$22.27	91.4	\$32.40	\$15.57	\$16.83	108.1	\$7.20	\$4.24	69.8	\$1.44	\$0.89	61.8	\$5.60	\$3.67	52.6
The North.....	66.46	37.77	28.69	76.0	46.26	24.48	21.78	89.0	10.93	6.98	56.6	2.07	1.35	53.3	7.20	4.96	45.2
The South.....	25.31	11.79	13.52	114.7	16.72	7.08	9.64	136.2	4.03	1.98	103.5	0.53	0.50	66.0	3.74	2.24	67.0
The West.....	40.93	18.28	22.65	123.9	30.86	12.01	18.85	157.0	3.40	1.79	89.9	1.04	0.56	85.7	5.63	3.92	43.6
East of the Mississippi.....	52.11	30.72	21.39	69.6	33.56	19.29	14.27	74.0	10.85	6.66	62.9	1.80	1.15	56.5	5.90	3.63	62.5
West of the Mississippi.....	42.74	19.43	23.31	120.0	31.58	12.67	18.91	149.3	4.59	2.36	94.5	1.18	0.70	68.6	5.40	3.70	45.9

The average value of all farm property in the North, as shown in Table 11, is equal to \$66.46 for each acre of land in farms, in the South to \$25.31, and in the West to \$40.93. The South shows a decidedly higher percentage of increase in the average during the past decade than the North.

The average value of land per acre is shown by counties in the map on page 275. It should be noted that the averages are based only on land in farms. Each county as a whole is shaded according to the average value per acre of land in farms, even though only a small proportion of the county may actually be occupied by farm land. There are, for example, certain counties in the West in which, usually because of irrigation, the average value of land in farms exceeds \$100 per acre, but in which less than one-fifth of the total area is in farms. Somewhat similar conditions appear in several counties in Florida and a few elsewhere. Comparison should therefore be made between this map and the map on page 272 showing the proportion of the total land area of each county which is occupied by farms.

Average value of farm property per farm.—Table 13, on page 280, shows the average value per farm of all farm

property and of each class, and also, as a means of judging the significance of the figures, the average acreage and improved acreage per farm.

Owing to the combined effect of large average size of farms and high average value of farm property per acre, the Pacific and West North Central divisions conspicuously lead all others in average value of all farm property per farm, the average for the Pacific division being \$14,643. On account of the large average acreage of farms, the Mountain division ranks next to the West North Central in average value of farms and, on account of the high average value of farm property per acre, the East North Central ranks next. In the South Atlantic and East South Central divisions the average values per farm—\$2,654 and \$2,094, respectively—are very much lower than those in the other divisions, the farms themselves being small and their average value per acre comparatively low. If each plantation in the South were treated as a single farm, the average value of property per farm would be considerably higher than shown in the table.

In every division the average value of farms has increased greatly since 1900; in the West North Central division it has more than doubled.

FARMS AND FARM PROPERTY.

FARM PROPERTY—AVERAGE VALUE OF EACH CLASS OF FARM PROPERTY PER ACRE OF LAND IN FARMS, WITH INCREASES, BY DIVISIONS AND STATES: 1910 AND 1900.

[A minus sign (-) denotes decrease.]

Table 12 DIVISION OR STATE.	ALL FARM PROPERTY.				LAND.				BUILDINGS.			IMPLEMENTS AND MACHINERY.			LIVE STOCK.		
	1910	1900	Increase.		1910	1900	Increase.		1910	1900	Perct. of increase.	1910	1900	Perct. of increase.	1910	1900	Perct. of increase.
			Amt.	Per ct.			Amt.	Per ct.									
United States.....	\$46.64	\$24.37	\$22.27	91.4	\$32.40	\$15.57	\$13.83	108.1	\$7.20	\$4.24	69.8	\$1.44	\$0.89	61.8	\$5.60	\$3.67	52.6
GEOGRAPHIC DIVISIONS:																	
New England.....	43.99	31.13	12.86	41.3	19.38	13.79	5.59	40.5	17.06	11.91	43.2	2.58	1.78	44.9	4.97	3.64	36.5
Middle Atlantic.....	68.52	51.51	17.01	33.0	33.86	27.19	6.67	24.5	22.70	16.25	39.7	3.58	2.59	49.8	8.08	5.48	47.4
East North Central.....	85.81	48.86	36.95	75.6	61.32	34.35	27.17	79.6	13.93	8.08	73.4	2.28	1.43	59.4	8.28	5.20	59.2
West North Central.....	58.18	28.96	29.22	100.6	43.21	19.37	23.84	123.1	6.71	3.77	78.0	1.59	0.98	62.2	6.67	4.54	37.8
South Atlantic.....	28.44	13.94	14.50	104.0	18.15	8.63	9.52	110.3	5.81	2.94	97.6	0.95	0.51	86.3	3.53	1.88	83.8
East South Central.....	26.78	14.72	12.06	81.9	16.28	8.72	7.56	86.7	5.05	2.78	81.7	0.92	0.60	53.3	4.53	2.63	72.2
West South Central.....	22.69	9.18	13.51	147.2	16.06	5.40	10.66	197.4	2.44	1.05	132.4	0.71	0.44	61.4	4.49	2.28	53.1
Mountain.....	29.52	12.96	16.56	127.8	19.73	6.12	13.61	222.4	2.44	1.18	106.8	0.83	0.41	102.4	6.63	5.26	24.1
Pacific.....	54.17	23.49	30.68	130.6	46.76	17.75	25.98	146.1	4.52	2.38	89.9	1.29	0.72	79.2	4.00	2.60	76.9
NEW ENGLAND:																	
Maine.....	31.65	19.43	12.22	62.9	13.73	7.83	5.90	75.4	11.62	7.48	55.3	2.30	1.40	64.3	4.00	2.72	47.1
New Hampshire.....	31.91	23.78	8.13	34.2	13.70	9.83	3.87	39.4	12.74	9.59	32.8	1.81	1.43	26.6	3.67	2.92	25.7
Vermont.....	31.18	22.96	8.22	35.8	12.52	9.70	2.82	29.1	11.62	7.89	47.3	2.18	1.60	36.3	4.86	3.78	28.6
Massachusetts.....	78.75	58.04	20.71	35.7	36.69	27.62	9.07	32.8	30.82	22.59	36.4	4.02	2.81	43.1	7.21	5.02	43.6
Rhode Island.....	74.42	59.24	15.18	25.6	33.86	29.40	4.40	14.9	29.15	21.30	36.9	4.02	2.79	44.1	7.39	5.69	29.9
Connecticut.....	72.93	49.01	23.92	48.8	33.03	22.68	10.35	45.6	30.25	19.46	53.4	3.16	2.14	47.7	6.48	4.73	37.0
MIDDLE ATLANTIC:																	
New York.....	65.89	47.23	18.66	39.5	32.13	24.34	7.79	32.0	21.65	14.88	45.5	3.80	2.47	53.8	8.31	5.54	50.0
New Jersey.....	99.01	66.71	32.30	48.4	48.23	32.86	15.37	46.8	36.13	24.37	48.3	5.09	3.28	55.2	9.65	6.20	54.0
Pennsylvania.....	67.43	54.29	13.14	24.2	33.92	29.70	4.22	14.2	22.09	16.67	35.5	3.81	2.63	44.9	7.51	5.29	43.9
EAST NORTH CENTRAL:																	
Ohio.....	78.93	48.93	30.00	61.3	53.34	33.35	19.99	59.9	15.28	8.96	70.5	2.12	1.48	43.2	8.19	5.14	59.3
Indiana.....	84.94	45.27	39.67	87.6	62.36	31.81	30.55	96.0	12.49	7.13	75.2	1.92	1.26	52.4	8.16	5.07	60.9
Illinois.....	129.08	61.12	58.96	96.5	95.02	46.17	48.85	105.8	13.29	7.67	73.3	2.27	1.37	65.7	9.49	5.91	60.6
Michigan.....	57.49	39.31	18.18	46.2	32.48	24.12	8.36	34.7	15.09	9.05	66.7	2.64	1.64	61.0	7.28	4.50	61.8
Wisconsin.....	67.10	40.87	26.23	64.2	43.30	26.71	16.59	62.1	13.76	7.83	75.7	2.51	1.47	70.7	7.53	4.85	55.3
WEST NORTH CENTRAL:																	
Minnesota.....	53.35	30.05	23.30	77.5	36.82	21.31	15.51	72.8	8.79	4.20	109.3	1.89	1.15	64.3	5.84	3.39	72.3
Iowa.....	110.40	53.06	57.34	108.1	82.58	36.35	46.23	127.2	13.42	6.96	92.8	2.81	1.63	67.3	11.58	8.06	43.7
Missouri.....	59.35	30.39	28.96	95.3	41.80	20.46	21.34	104.3	7.81	4.37	78.7	1.47	0.84	75.0	8.26	4.72	75.0
North Dakota.....	34.29	16.42	17.87	108.8	25.69	11.15	14.54	130.4	3.25	1.64	98.2	1.54	0.90	71.1	3.81	2.73	39.6
South Dakota.....	44.82	13.00	29.22	187.3	34.69	9.92	24.77	249.7	3.94	1.82	143.2	1.30	0.64	103.1	4.89	3.42	43.0
Nebraska.....	53.85	25.01	28.84	115.3	41.80	16.27	25.53	156.9	5.15	3.04	69.4	1.15	0.83	38.6	5.75	4.86	18.3
Kansas.....	47.01	20.74	26.27	125.7	35.45	12.77	22.68	177.6	4.60	2.68	71.6	1.11	0.71	56.3	5.84	4.58	27.5
SOUTH ATLANTIC:																	
Delaware.....	60.82	38.17	22.65	59.3	33.63	22.29	11.34	50.9	17.54	10.00	75.4	3.09	2.02	53.0	6.56	3.56	69.9
Maryland.....	56.59	39.58	17.01	43.0	32.32	23.28	9.04	38.8	15.48	10.60	66.0	2.35	1.67	40.7	6.44	4.03	59.8
District of Columbia.....	1,398.08	1,358.86	39.22	2.9	1,186.53	1,142.68	43.85	3.8	171.10	183.39	-4.7	15.23	16.03	-5.0	25.21	14.76	70.8
Virginia.....	32.06	16.25	15.81	97.3	20.24	10.08	10.16	100.8	7.05	3.56	98.0	0.93	0.50	86.0	3.84	2.11	82.0
West Virginia.....	31.39	19.14	12.25	64.0	20.65	12.60	8.05	63.9	5.72	3.19	79.3	0.70	0.47	48.9	4.32	2.87	50.5
North Carolina.....	23.96	10.28	13.68	133.1	15.29	6.24	9.05	145.0	5.06	2.32	118.1	0.82	0.40	105.0	2.79	1.32	111.4
South Carolina.....	29.02	10.08	18.04	164.3	19.89	7.14	12.75	178.6	4.74	1.93	145.6	1.04	0.47	121.3	3.34	1.44	131.9
Georgia.....	21.54	8.85	12.89	149.0	13.74	5.25	8.49	161.7	4.04	1.70	137.6	0.78	0.37	110.8	2.98	1.33	124.1
Florida.....	27.25	12.36	14.89	120.5	17.84	7.06	10.78	152.7	4.65	2.29	103.1	0.85	0.45	88.9	3.92	2.56	53.1
EAST SOUTH CENTRAL:																	
Kentucky.....	34.87	21.43	13.44	62.7	21.83	13.24	8.59	64.9	6.80	4.14	64.3	0.94	0.70	34.3	5.29	3.35	57.9
Tennessee.....	30.56	16.77	13.79	82.2	18.53	9.93	8.60	86.6	5.44	3.10	75.5	1.06	0.75	41.3	5.52	2.99	84.6
Alabama.....	17.85	8.67	9.18	105.9	10.46	4.84	5.62	116.1	3.44	1.67	106.0	0.79	0.42	88.1	3.16	1.75	80.6
Mississippi.....	22.97	11.20	11.77	105.1	13.69	6.30	7.39	117.3	4.32	2.04	111.8	0.91	0.52	75.0	4.05	2.34	73.1
WEST SOUTH CENTRAL:																	
Arkansas.....	22.97	10.90	12.07	110.7	14.13	6.32	7.81	123.6	3.63	1.81	100.6	0.97	0.53	83.0	4.25	2.25	88.9
Louisiana.....	28.85	17.95	10.90	60.7	17.99	9.74	8.25	84.7	4.76	3.02	57.6	1.82	2.58	-29.5	4.28	2.61	64.0
Oklahoma.....	31.82	12.07	19.75	163.6	22.49	6.50	15.99	246.0	3.11	0.93	234.4	0.94	0.46	104.3	5.28	4.19	26.0
Texas.....	19.73	7.65	12.08	157.9	14.53	4.70	9.83	209.1	1.87	0.80	133.8	0.51	0.24	112.5	2.83	1.91	43.2
MOUNTAIN:																	
Montana.....	25.68	9.95	15.73	158.1	16.74	4.45	12.29	276.2	1.83	0.79	131.6	0.78	0.31	151.6	6.32	4.40	43.6
Idaho.....	57.79	20.99	36.80	175.3	41.63	11.07	30.56	276.1	4.75	2.13	123.0	1.98	1.03	92.2	9.42	6.76	39.3
Wyoming.....	19.57	8.31	11.26	135.5	10.41	2.88	7.53	261.5	1.05	0.43	144.2	0.43	0.17	152.9	7.68	4.82	59.3
Colorado.....	36.32	17.00	19.32	113.6	26.51	9.54	17.27	181.0	3.38	1.69	100.0	0.95	0.50	90.0	5.18	5.27	1.7
New Mexico.....	14.15	10.48	3.67	35.0	8.77	3.38	5.39	159.5	1.16	0.69	68.1	0.37	0.22	68.2	3.86	1.18	-37.5
Arizona.....	60.26	15.50	44.76	288.8	33.97	5.90	28.07	475.8	3.96	1.17	238.5	1.43	0.40	257.5	20.90	8.03	160.3
Utah.....	44.38	18.26	26.12	143.0	29.28	9.75	19.53	200.3	5.32	2.59	105.4	1.32	0.71	55.9	8.47	5.22	62.3
Nevada.....	22.25	11.18	11.07	99.0	12.99	5.17	7.82	151.3	1.60	0.91	75.8	0.88	0.35	65.7	7.08	4.74	49.4
PACIFIC:																	
Washington.....	54.43	16.95	37.48	221.1	44.18	11.68	32.50	278.3	4.66	1.92	142.7	1.43	0.74	93.2	4.17	2.61	59.8
Oregon.....	45.21	17.15	28.06	163.6	35.23	11.23	24.00	213.7	3.76	1.91	96.9	1.13	0.65	73.8	5.09	3.37	51.0
California.....	57.81	27.63	30.18	109.2	47.16	21.87	25.29	115.6	4.73	2.69	77.7	1.31	0.74	77.0	4.57	2.33	63.1

FARM LAND AND FARM PROPERTY—AVERAGES PER FARM, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 13

DIVISION OR STATE.	AVERAGE ACRES PER FARM.				AVERAGE VALUE PER FARM.									
	All farm land.		Improved land.		All farm property.		Land.		Buildings.		Implements and machinery.		Live stock.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
United States.	138.1	146.2	75.2	72.2	\$6.444	\$3.563	\$4.476	\$2.276	\$994	\$620	\$199	\$131	\$774	\$536
GEOGRAPHIC DIVISIONS:														
New England.....	104.4	107.1	38.4	42.4	4,593	3,333	2,024	1,477	1,752	1,276	269	199	519	390
New England.....	92.2	92.4	62.6	43.4	6,319	4,759	3,122	2,512	2,094	1,501	358	299	745	506
Middle Atlantic.....	105.0	102.4	79.2	76.3	9,007	5,004	6,437	3,498	1,462	827	239	147	869	532
West North Central.....	209.6	183.5	148.0	127.9	12,195	5,488	9,657	3,670	1,407	713	332	186	1,398	917
South Atlantic.....	93.3	108.4	43.6	47.9	2,654	1,511	1,694	935	542	319	88	55	330	202
East South Central.....	78.2	89.9	42.2	44.5	2,094	1,324	1,273	784	394	250	72	54	354	236
West South Central.....	179.3	233.8	61.8	52.7	4,069	2,146	2,880	1,254	457	245	127	103	625	534
Mountain.....	324.5	457.9	86.8	82.9	9,581	5,934	6,402	2,503	791	538	269	186	2,119	2,406
Pacific.....	270.3	334.8	116.1	132.5	14,643	7,864	11,829	5,953	1,221	798	350	241	1,242	871
NEW ENGLAND:														
Maine.....	104.9	106.2	39.3	40.3	3,320	2,064	1,441	832	1,219	795	241	148	419	289
New Hampshire.....	120.1	123.1	34.3	36.7	3,833	2,927	1,646	1,211	1,530	1,181	217	176	440	360
Vermont.....	142.6	142.7	50.0	64.2	4,445	3,276	1,785	1,384	1,657	1,125	311	228	692	539
Massachusetts.....	77.9	83.4	31.5	34.3	6,135	4,843	2,859	2,305	2,401	1,885	313	234	562	419
Rhode Island.....	83.8	82.9	33.7	34.1	6,234	4,909	2,836	2,441	2,442	1,765	337	231	619	472
Connecticut.....	81.5	85.8	36.9	39.5	5,944	4,205	2,693	1,946	2,466	1,669	258	184	528	406
MIDDLE ATLANTIC:														
New York.....	102.2	99.9	68.8	68.8	6,732	4,718	3,283	2,431	2,212	1,486	388	247	849	554
New Jersey.....	76.9	82.0	53.9	57.1	7,410	5,470	3,707	2,694	2,777	1,998	391	269	734	508
Pennsylvania.....	84.8	86.4	57.8	58.9	5,715	4,690	2,875	2,566	1,873	1,440	323	227	645	457
EAST NORTH CENTRAL:														
Ohio.....	88.6	88.5	70.7	69.5	6,994	4,333	4,727	2,953	1,354	793	188	132	725	455
Indiana.....	98.8	97.4	78.6	75.2	8,396	4,410	6,164	3,099	1,235	694	190	123	807	494
Illinois.....	129.1	124.2	111.4	104.9	15,505	7,588	12,270	5,732	1,717	952	293	170	1,226	734
Michigan.....	91.5	86.4	62.0	58.0	5,261	3,396	2,973	2,084	1,351	782	241	142	666	389
Wisconsin.....	118.9	117.0	67.2	66.2	7,978	4,781	5,148	3,125	1,636	916	299	172	895	567
WEST NORTH CENTRAL:														
Minnesota.....	177.3	169.7	125.8	119.2	9,456	5,100	6,527	3,616	1,558	713	335	195	1,035	576
Iowa.....	156.3	151.2	135.9	130.8	17,259	8,023	12,910	5,497	2,098	1,653	440	253	1,811	1,220
Missouri.....	124.8	119.1	88.7	80.4	7,405	3,626	5,216	2,441	975	521	183	100	1,031	564
North Dakota.....	382.3	342.9	275.1	212.8	13,109	5,631	9,822	3,824	1,241	561	590	310	1,456	936
South Dakota.....	335.1	362.4	203.8	214.5	15,018	5,654	11,625	3,596	1,320	588	435	232	1,639	1,238
Nebraska.....	297.8	246.1	188.0	151.7	16,038	6,155	12,450	4,004	1,533	749	341	205	1,714	1,196
Kansas.....	244.0	240.7	168.2	144.7	11,467	4,892	8,648	3,074	1,122	644	272	170	1,426	1,103
SOUTH ATLANTIC:														
Delaware.....	95.9	110.1	65.8	77.8	5,830	4,201	3,224	2,454	1,681	1,101	206	222	629	424
Maryland.....	103.4	112.4	68.6	76.4	5,849	4,448	3,341	2,616	1,600	1,191	242	187	666	454
District of Columbia.....	27.9	31.6	23.7	22.1	39,062	42,882	33,152	36,060	4,781	5,830	426	506	704	466
Virginia.....	105.9	118.6	63.5	60.1	3,397	1,927	2,145	1,195	747	423	98	50	407	250
West Virginia.....	103.7	114.7	57.1	59.2	3,255	2,196	2,142	1,446	593	366	73	54	448	329
North Carolina.....	88.4	101.3	34.7	37.1	2,119	1,041	1,352	632	447	235	73	40	247	134
South Carolina.....	76.6	90.0	34.6	37.2	2,223	989	1,523	642	363	174	80	43	256	130
Georgia.....	92.6	117.5	42.3	47.2	1,995	1,016	1,273	616	374	200	72	44	276	157
Florida.....	105.0	106.9	36.1	37.0	2,863	1,321	1,874	755	488	244	89	48	412	274
EAST SOUTH CENTRAL:														
Kentucky.....	85.6	93.7	55.4	58.6	2,986	2,007	1,869	1,241	583	387	80	65	453	314
Tennessee.....	81.5	90.6	44.3	45.6	2,490	1,519	1,510	899	444	281	87	68	450	271
Alabama.....	78.9	92.7	36.9	38.8	1,408	804	825	449	271	154	62	39	250	162
Mississippi.....	67.6	82.6	32.8	34.4	1,554	925	926	820	292	168	62	44	274	193
WEST SOUTH CENTRAL:														
Arkansas.....	81.1	93.1	37.6	38.9	1,864	1,015	1,146	588	294	168	79	49	345	210
Louisiana.....	86.6	95.4	43.8	40.2	2,499	1,712	1,558	929	413	288	157	246	371	249
Oklahoma.....	151.7	121.9	92.3	179.4	4,828	1,2570	3,413	11,383	471	1,198	142	197	801	1,891
Texas.....	209.1	357.2	65.5	55.6	5,311	2,733	3,909	1,680	503	285	136	85	763	683
MOUNTAIN:														
Montana.....	516.7	885.9	138.9	129.9	13,269	8,815	8,651	3,939	948	700	402	275	3,268	3,901
Idaho.....	171.5	183.4	90.2	80.9	9,911	3,850	7,140	2,631	815	391	304	188	1,616	1,240
Wyoming.....	777.6	1,333.0	114.3	130.0	15,217	11,071	8,092	3,845	820	579	334	224	5,971	6,423
Colorado.....	293.1	383.6	93.2	92.1	10,645	6,520	7,858	3,658	990	648	277	192	1,520	2,022
New Mexico.....	315.9	416.8	41.1	26.6	4,469	4,367	2,770	1,407	365	290	116	93	1,219	2,577
Arizona.....	133.1	333.2	38.0	43.8	8,142	5,163	4,590	1,965	535	300	194	132	2,823	2,670
Utah.....	156.7	212.4	63.1	53.2	6,957	3,878	4,890	2,070	833	549	205	151	1,328	1,108
Nevada.....	1,069.6	1,174.7	279.7	262.3	22,462	13,129	13,119	6,079	1,611	1,071	586	407	7,145	5,572
PACIFIC:														
Washington.....	208.4	256.0	113.4	104.4	11,346	4,338	9,208	2,991	971	491	297	189	870	667
Oregon.....	256.8	281.0	93.9	92.9	11,609	4,821	9,048	3,157	964	536	290	182	1,307	946
California.....	316.7	397.4	129.1	164.9	18,368	10,980	14,935	8,691	1,513	1,068	414	294	1,447	928

1 Includes Indian Territory.

In the North, as shown in Table 14, the average value of a farm with its equipment in 1910 was \$9,507, as compared with \$2,897 in the South and \$12,155 in the West. The West leads the other two sections in the average value per farm of land, of implements and machinery, and of live stock, but the average value of buildings per farm is highest in the North. The average value of a farm is nearly twice as high for the territory west of the Mississippi as for that east of the river, the excess being due to the difference in the average size of farms. In spite of the lower average size of farms, it should be noted that the average value

of buildings per farm is higher east of the Mississippi River than west.

Table 14

SECTION.	ALL FARM PROPERTY.		LAND.		BUILDINGS.		IMPLEMENTS AND MACHINERY.		LIVE STOCK.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
	United States.....	\$5,444	\$3,563	\$1,476	\$2,276	\$94	\$620	\$199	\$131	\$774	$536
The North.....	9,507	5,030	6,618	3,260	1,564	930	226	180	1,029	660
The South.....	2,897	1,639	1,913	978	461	274	95	69	428	309
The West.....	12,155	7,059	9,162	4,639	1,009	690	310	218	1,673	1,512
East of Mississippi.	4,849	3,067	3,122	1,926	1,010	665	168	115	549	362
West of Mississippi.	9,030	4,448	6,672	2,902	969	540	249	159	1,140	847

FARMS AND FARM PROPERTY: 1850 TO 1910.

United States as a whole.—Table 15 shows, for the United States as a whole, the population, number and acreage of farms, and value of farm property at each census from 1850 to 1910. In considering this table it should be noted that some of the figures are not entirely comparable. There have been some variations from census to census in the definition of farm land and of improved farm land. Moreover, in some of the Western states, land which was formerly free public range, and as such utilized more or less extensively for grazing, has from time to time been brought under private ownership without involving any considerable change in the character or extent of the agricultural operations. This transfer of unimproved grazing land from public to private ownership tends to reduce the proportion of improved land to total land

in farms. Again, the comparability of the figures regarding the number of farms is affected by the changes in respect to the management of plantations in the South which followed the Civil War. Prior to the war plantations were ordinarily worked by slave or hired labor and were reported as single units, while after the war they came more and more to be parceled out to tenants, whose holdings are reported by the census as separate farms, even though they may be operated under a thoroughgoing supervision on the part of the owner of the plantation or his representative. Notwithstanding these qualifications, however, the data presented in the table are sufficiently comparable to be shown in a broad way the agricultural progress of the country during the past 60 years.

FARMS, FARM LAND, AND FARM PROPERTY OF THE UNITED STATES: 1850 TO 1910.

Table 15

	1910	1900	1890	1880	1870	1860	1850
Population.....	91,972,266	75,994,575	62,947,714	50,155,783	38,558,371	31,443,321	23,191,576
Number of farms.....	6,361,502	5,737,372	4,564,641	4,008,907	2,659,985	2,044,077	1,449,073
Land area of the country.....acres..	1,903,289,600	1,903,461,760	1,903,337,600	1,903,337,600	1,903,337,600	1,903,337,600	1,884,375,480
Land in farms.....acres..	878,798,225	838,591,774	622,218,619	536,081,835	407,735,041	407,212,538	293,560,614
Improved land in farms.....acres..	478,451,750	414,498,487	357,616,755	284,771,042	188,921,099	163,110,720	113,032,614
Average acreage per farm.....	138.1	146.2	136.5	133.7	153.3	199.2	202.6
Average improved acreage per farm.....	75.2	72.2	78.3	71.0	71.0	79.8	78.0
Per cent of total land area in farms.....	46.2	44.1	32.7	28.2	21.4	21.4	15.6
Per cent of land in farms improved.....	54.4	49.1	57.4	53.1	46.3	40.1	38.5
Per cent of total land area improved.....	25.1	21.8	18.8	15.0	9.9	8.6	6.0
Value of farm property, total.....	\$40,991,449,090	\$20,439,901,164	\$16,082,267,689	\$12,180,501,538	\$8,944,857,749	\$7,980,493,063	\$3,967,343,580
Land and buildings.....	34,801,125,697	16,614,647,491	13,279,252,649	10,197,096,776	7,444,054,462	6,045,054,907	3,271,575,426
Implements and machinery.....	1,265,149,783	749,775,970	484,247,467	406,320,055	270,913,678	236,118,141	131,887,638
Domestic animals, poultry, and bees.....	4,925,176,610	3,075,477,603	2,308,767,572	1,576,884,707	1,229,889,609	1,699,329,915	544,180,516
Average value of all property per farm.....	\$6,444	\$3,563	\$3,523	\$3,038	\$3,363	\$3,904	\$2,738
Average value of all property per acre of land in farms.....	\$46.64	\$24.37	\$25.81	\$22.7	\$21.94	\$19.60	\$13.51
Average value of land and buildings per acre.....	\$39.60	\$19.81	\$21.31	\$19.0	\$18.26	\$16.32	\$11.14

Table 16, on page 282, shows the increase since 1850 in the number of farms, in the total farm acreage, in improved farm acreage, and in the value of farm property.

The greatest increase in the number of farms and also in the improved farm acreage took place in the decade 1870 to 1880, but the greatest increase in the total farm acreage was in the decade 1890 to 1900, and by far the greatest increase in the value of farm property was in the last decade, 1900 to 1910.

Comparisons of the two 30-year periods show that, while from 1850 to 1880 the agricultural industry more than kept pace with the population, it has on the whole failed to do so since 1880. The population increased 116.3 per cent between 1850 and 1880, and improved farm land increased 151.9 per cent; but from 1880 to 1910 population increased 83.4 per cent and improved farm land only 68 per cent. It is possible that the figures for acreage of farms and improved acreage in 1880 are, in some measure, out of line with

those for both the earlier and the later censuses, as the definitions used at that census were unusually broad, but the degree of incomparability, if any, is not sufficient to affect materially the general conclusions just stated.

Table 16

PERIOD.	INCREASE.				
	Popula- tion.	Number of farms.	Acreage.		Value of farm property.
			Land in farms.	Improved land in farms.	
1900-1910	15,977,691	624,130	40,296,551	63,953,283	\$20,551,547,626
1890-1900	13,046,864	1,172,731	215,373,135	56,881,732	4,357,633,475
1880-1890	12,791,931	555,734	87,136,784	72,345,713	3,901,766,191
1870-1880	11,597,412	1,348,922	128,346,794	95,849,943	3,235,643,789
1860-1870	7,115,059	615,908	522,503	25,810,379	964,364,086
1850-1860	8,231,445	585,004	113,631,924	50,078,106	4,013,149,483
1880-1910:					
Amount.....	41,816,483	2,362,595	342,716,490	193,680,708	28,810,947,552
Per cent.....	83.3	58.7	63.9	68.0	296.5
1850-1880:					
Amount.....	26,963,907	2,559,834	242,521,221	171,738,428	\$,213,157,958
Per cent.....	116.3	176.6	82.6	151.9	207.0
1850-1910:					
Amount.....	68,780,390	4,912,429	585,237,711	365,419,136	37,024,105,510
Per cent.....	296.6	339.0	199.4	323.3	933.2

The proportion of the total area of the country represented by farm land has steadily increased from census to census. It was 15.6 per cent in 1850 and 46.2 per cent in 1910. The most marked increase in this percentage took place between 1890 and 1900, and was due largely to bringing into farms great areas of land which had formerly been free public range. The proportion of farm land improved increased steadily from 38.5 per cent in 1850 to 57.4 per cent in 1890, but because of the fact just stated it fell off by 1900, and even in 1910 was somewhat lower than in 1890, being 54.4 per cent. The proportion of the total land area of the country represented by improved farm land has, risen steadily from 6 per cent in 1850 to 25.1 per cent in 1910.

The average size of farms fell from 202.6 acres in 1850 to 133.7 acres in 1880, this decline being due in part to the breaking up of plantations in the South, previously referred to. From 1880 to 1900, on account of the inclusion in large ranches of land which had formerly been free public domain, the average size of farms increased somewhat, reaching 146.2 acres in 1900, since which time it has again decreased on account of the breaking up of ranches and the further subdivision of plantations in the South. The average acreage of improved land per farm has been comparatively stationary from census to census; it was 78 acres in 1850 and 75.2 acres in 1910.

The value of farm property in 1910 was considerably more than ten times as great as in 1850, but more than half of the total increase has taken place in the last decade alone. The increase in farm values was very rapid from 1850 to 1860, and from that time was more gradual until 1900.

The average value of farm property per acre of land in farms in 1910 was nearly three and one-half times as great as in 1850. The increase was very rapid from 1850 to 1860, but was comparatively slight during the next three decades. The average was actually lower in 1900 than in 1890, but an extraordinary increase appeared at the census of 1910.

Farms and farm property, by geographic divisions.—Tables 17 and 18 show the changes with regard to farms and farm property in each of the nine geographic divisions from 1850 to 1910. In considering these tables, due regard should be given to the conditions above referred to as affecting the comparability of the statistics.

The most conspicuous feature of the statistics in these tables is the movement of agriculture toward the West. New England has actually less improved land in farms at present than it had in 1850. The acreage of farm land and of improved land in the Middle Atlantic division reached its maximum in 1880 and has since declined. The East North Central division showed very rapid increases from 1850 to 1880, but only a moderate increase since that time. The acreage of farm land in the South Atlantic division was less in 1910 than in 1860, although improved land had increased appreciably. On the other hand, the four divisions west of the Mississippi have shown, as might be expected, extraordinary increases from census to census.

In the average acreage of land per farm remarkable changes have taken place in the South and in the West. On account chiefly of the division of plantations into tenant holdings, the average farm in the three southern divisions combined was less than one-half as large in 1880 as it had been in 1850. The average size of farms in the Mountain division increased rapidly from 1850 to 1900 on account of the bringing of previously public land into large ranges. On the other hand, in the Pacific states, or more specifically in California, great tracts of land were already in 1850 included in privately owned ranches, and these have from time to time been broken up, reducing the average size.

The most striking feature of the table with regard to farm values is the decline in such values in the Southern states between 1860 and 1870, due to the disastrous effect of the Civil War. On the other hand, in the Northern states quite generally there was a decided increase in the value of farm property during the decade of the war. It was not until 1900 that the aggregate value of farm property in the East South Central division again reached the figure reported in 1860, and the recovery in the South Atlantic division took almost as long. The marked decline in the average value of a farm with its equipment in the Southern states after 1860 was partly due to the decline in the value of property per acre following the war and partly to the breaking up of plantations.

FARMS AND FARM PROPERTY.

FARMS, LAND IN FARMS, AND POPULATION, WITH INCREASES, AND AVERAGES AND PERCENTAGES, BY GEOGRAPHIC DIVISIONS: 1850 TO 1910.

[A minus sign (—) denotes decrease.]

GEOGRAPHIC DIVISION.	POPULATION.		NUMBER OF FARMS.		ALL LAND IN FARMS.		IMPROVED LAND IN FARMS.		PER CENT OF UNITED STATES TOTAL IN EACH DIVISION.			Per cent land in farms forms of total land area.	Per cent of land improved.	AVERAGE ACRES PER FARM.		
	Number.	Per cent increase.	Number.	Per cent increase.	Acres.	Per cent increase.	Acres.	Per cent increase.	Number of farms.	All farm land.	Improved farm land.			All farm land.	Improved farm land.	
UNITED STATES																
1910	91,972,266	21.0	6,361,502	10.9	878,798,325	4.6	478,451,750	15.4	100.00	100.00	100.00	46.2	54.4	138.1	75.2	
1900	75,994,575	20.7	5,737,372	25.7	838,551,774	34.6	414,486,487	15.9	100.00	100.00	100.00	44.1	49.4	146.2	72.3	
1890	62,947,714	25.5	4,684,641	13.9	623,218,619	16.3	357,919,755	25.9	100.00	100.00	100.00	32.7	37.4	136.5	78.3	
1880	50,165,783	30.1	4,068,907	50.7	538,061,835	31.5	254,771,042	50.7	100.00	100.00	100.00	28.2	34.1	133.7	71.0	
1870	38,558,371	22.6	2,659,985	30.1	4,077,355,941	0.1	189,921,099	15.8	100.00	100.00	100.00	21.4	46.3	153.3	71.0	
1860	31,443,321	35.6	2,044,077	41.1	4,077,355,941	38.7	163,119,720	44.3	100.00	100.00	100.00	21.4	40.1	199.2	78.8	
1850	23,191,976	.....	1,449,073	.....	287,560,614	.....	115,032,614	.....	100.00	100.00	100.00	15.6	38.5	262.6	78.0
GEOGRAPHIC DIVISIONS																
NEW ENGLAND.																
1910	6,552,681	17.2	188,802	-1.6	19,714,931	-4.1	7,254,094	-10.8	2.07	2.24	1.52	49.7	36.8	104.4	38.4	
1900	5,592,017	19.0	191,888	1.0	20,548,999	4.0	8,134,403	-24.3	3.34	2.45	1.96	51.8	39.6	107.1	42.4	
1900	4,700,749	17.2	189,961	-8.3	19,755,584	-8.0	10,738,930	-18.3	4.16	3.17	3.00	49.8	54.4	104.0	56.5	
1880	4,010,529	15.0	207,232	14.7	21,483,772	9.8	13,138,406	9.6	5.17	4.01	4.62	54.2	61.2	103.7	63.4	
1870	3,487,324	11.2	180,649	-1.8	19,569,868	-2.7	11,997,540	-1.8	6.79	4.80	6.35	49.3	61.3	108.3	66.4	
1860	3,135,283	14.9	183,942	9.7	20,110,922	9.5	12,215,771	9.6	9.00	4.94	7.49	50.7	60.7	103.6	66.4	
1850	2,728,116	.....	167,651	.....	18,367,458	.....	11,150,594	.....	11.57	6.26	9.86	46.3	60.7	109.6	66.5
MIDDLE ATLANTIC.																
1910	19,315,932	25.0	468,379	-3.5	43,101,056	-3.7	29,230,894	-4.8	7.36	4.91	6.13	67.5	67.9	92.2	63.6	
1900	15,454,678	21.6	485,618	-3.6	44,860,090	4.4	30,786,211	-2.6	8.46	5.35	7.43	70.1	68.6	92.4	64.6	
1890	12,706,220	21.0	468,608	-4.2	42,987,941	-7.6	31,599,694	-4.9	10.27	6.90	8.84	67.2	73.5	91.7	67.4	
1880	10,496,878	19.1	488,907	16.1	46,501,938	7.7	33,237,165	14.1	12.20	8.67	11.67	72.7	71.5	95.1	68.0	
1870	8,810,806	18.1	420,946	10.1	43,941,155	8.5	33,474,115	8.8	15.83	10.59	15.41	67.5	67.4	102.6	69.2	
1860	7,458,986	26.4	389,933	18.3	40,970,622	11.3	26,766,140	17.4	18.64	10.06	16.41	64.0	65.3	107.5	70.3	
1850	5,988,735	.....	322,103	.....	36,795,377	.....	22,805,374	.....	22.23	12.53	20.18	57.2	60.2	114.2	70.8
EAST NORTH CENTRAL.																
1910	18,250,621	14.2	1,123,489	-1.1	117,929,148	1.4	88,947,228	2.6	17.66	13.42	18.59	75.0	75.4	105.0	79.2	
1900	15,965,831	18.6	1,136,823	12.6	116,340,761	10.0	86,670,271	10.0	19.80	13.87	20.91	74.1	75.4	102.4	76.3	
1890	13,478,805	20.3	1,009,031	2.4	105,786,825	(3)	78,774,647	4.2	22.10	16.97	22.03	67.4	74.5	104.8	78.1	
1880	11,206,968	22.8	985,273	29.3	105,784,212	21.0	75,589,373	37.7	24.58	19.73	26.54	67.4	71.5	107.4	76.7	
1870	9,124,617	31.7	761,735	29.3	87,449,392	20.3	54,899,646	33.3	26.64	21.45	29.06	57.6	62.8	114.8	72.1	
1860	6,926,884	53.1	586,717	59.4	72,696,843	44.8	41,186,414	79.8	28.70	17.85	25.25	46.3	56.7	123.9	70.2	
1850	4,523,200	.....	368,177	.....	50,188,873	.....	22,912,190	.....	25.41	17.10	20.28	32.0	45.7	136.3	62.2
WEST NORTH CENTRAL.																
1910	11,637,921	12.5	1,109,948	4.6	332,648,121	15.7	164,284,862	21.1	17.45	26.47	34.34	71.2	70.6	309.6	148.0	
1900	10,347,423	15.8	1,060,744	16.0	301,008,713	33.3	135,643,828	28.6	18.49	29.97	32.72	61.5	67.5	189.5	117.9	
1890	8,922,112	45.1	914,791	28.4	150,800,169	49.0	105,317,479	72.3	20.04	24.20	29.50	46.1	70.0	164.8	125.3	
1880	6,157,443	59.7	712,965	96.1	101,197,945	95.5	61,252,946	165.4	17.78	18.88	21.51	31.0	61.5	142.0	85.9	
1870	3,850,594	77.7	363,343	65.9	51,765,877	47.1	23,509,863	111.4	13.66	12.70	12.44	15.8	45.4	142.5	64.7	
1860	2,169,832	146.5	185,448	167.1	35,202,747	181.7	11,122,285	195.2	9.07	8.64	6.82	7.7	31.0	139.8	60.0	
1850	880,335	.....	69,420	.....	12,497,615	.....	3,768,142	.....	4.79	4.26	3.33	6.8	30.2	180.0	54.3
SOUTH ATLANTIC.																
1910	12,184,895	16.8	1,111,881	15.6	108,782,255	-0.5	48,479,733	5.2	17.49	11.81	10.13	60.3	46.7	93.3	43.6	
1900	10,443,480	17.9	962,225	28.4	104,297,506	10.1	46,100,226	10.6	16.77	12.44	11.12	60.6	47.2	108.4	47.9	
1890	8,597,922	16.6	749,600	16.3	100,157,573	-1.2	41,677,371	15.2	16.42	16.07	11.65	58.2	41.6	133.6	55.6	
1880	7,597,197	29.8	644,429	72.3	101,419,563	12.4	36,170,351	19.8	16.07	18.92	12.70	58.9	35.7	157.4	56.1	
1870	5,833,010	9.1	374,102	23.9	90,213,615	-15.3	30,302,991	-13.5	14.06	22.13	15.99	52.4	33.5	241.1	50.7	
1860	4,594,703	14.7	301,940	21.7	106,520,771	14.0	34,900,962	16.3	14.77	26.16	21.49	61.1	32.8	332.8	115.6	
1850	4,679,690	.....	248,196	.....	93,401,610	.....	30,009,323	.....	17.13	31.82	26.55	54.2	32.1	376.3	120.9
EAST SOUTH CENTRAL.																
1910	8,409,901	11.4	1,042,489	15.4	81,520,629	0.3	43,946,846	9.2	16.59	9.28	9.19	71.0	53.9	78.2	42.2	
1900	7,547,757	17.4	903,313	37.7	81,247,643	2.8	40,237,337	12.6	15.74	9.69	9.71	70.7	49.5	89.9	44.5	
1890	6,429,154	18.1	655,766	15.1	78,999,359	2.8	35,729,170	15.9	14.37	12.68	9.99	68.8	45.2	120.5	54.5	
1880	5,585,151	26.8	569,739	53.2	76,872,831	15.9	30,820,882	27.3	14.21	14.34	10.82	65.9	40.1	154.9	54.1	
1870	4,404,445	9.5	371,968	37.2	66,323,611	-11.3	24,218,478	-6.6	13.98	16.27	12.82	57.7	36.5	178.3	65.1	
1860	4,020,991	19.6	271,150	21.4	74,776,655	27.7	25,891,624	36.1	13.27	18.39	15.87	65.1	34.6	275.8	95.5	
1850	3,363,271	.....	225,496	.....	55,561,870	.....	19,023,415	.....	15.42	19.95	16.83	51.0	32.5	262.1	85.1
WEST SOUTH CENTRAL.																
1910	8,784,534	34.5	943,186	24.9	169,149,976	-4.2	58,264,273	46.5	14.83	19.25	12.18	61.5	34.4	179.3	61.8	
1900	6,532,290	37.8	754,833	75.1	175,491,202	127.9	39,770,550	30.1	13.16	21.05	9.36	64.2	22.5	233.8	82.7	
1890	4,740,983	42.2	431,006	36.8	177,448,835	36.8	30,559,634	61.0	9.44	12.43	8.55	28.2	39.5	179.7	70.0	
1880	3,334,220	64.2	316,999	127.9	56,267,272	71.5	18,985,889	173.7	7.50	10.56	6.67	20.6	33.5	178.7	59.9	
1870	2,329,965	84.9	139,030	64.0	33,019,335	46.8	6,879,297	146.2	5.22	8.74	3.64	12.0	16.7	257.6	49.4	
1860	1,747,967	107.7	99,222	128.7	44,216,310	131.7	7,341,202	143.4	4.83	10.86	4.30	16.1	16.6	445.4	74.0	
1850	940,251	.....	43,378	.....	19,083,596	.....	2,015,531	.....	2.99	6.50	2.67	6.9	15.8	439.9	69.5
MOUNTAIN.																
1910	2,633,517	57.3	183,446	81.0	59,533,420	28.3	15,915,602	89.4	2.88	6.77	3.33	10.8	26.7	324.5	86.8	
1900	1,674,657	38.0	101,327	105.1	46,397,284	214.2	8,402,576	53.9	1.77	5.53	2.03	8.4	18.1	457.9	82.9	
1890	1,213,435	85.9	49,398	97.3	14,765,862	271.3	5,460,739	146.7	1.08	2.37	1.53	2.7	37.0	298.9	110.5	
1880	683,119	61.2	25,493	64.4	32,516,371	46.4	17,559,371	61.8	2.11	5.22	4.91	16.0	30.3	337.0	132.4	
1870	313,883	80.3	13,774	36.3	19,775,880	126.3	2,213,300	139.5	0.92	0.43	0.30	0.2	32.9	127.3	41.8	
1860	174,923	139.9	8,812	88.5</												

VALUE OF FARM PROPERTY WITH INCREASES, AND AVERAGE VALUE PER FARM, AND PER ACRE OF FARM LAND,
BY GEOGRAPHIC DIVISIONS: 1850 TO 1910.

[A minus sign (-) denotes decrease.]

Table 18	ALL FARM PROPERTY.				LAND AND BUILDINGS.				IMPLEMENTS AND MACHINERY.				LIVE STOCK.			
	GEOGRAPHIC DIVISION.	Value.	Per cent of increase.		Value.	Per cent of increase.		Value.	Per cent of increase.		Value.	Per cent of increase.		Value.	Per cent of increase.	
			Per farm.	Per acre.		Per farm.	Per acre.		Per farm.	Per acre.		Per farm.	Per acre.			
UNITED STATES																
1910	\$40,991,449,090	100.5	\$6,444	\$46.61	\$34,801,125,697	109.5	\$5,471	\$39.60	\$1,265,149,783	61.7	\$199	\$1.44	\$4,925,173,610	60.1	\$78	\$3.60
1900	20,439,901,164	27.1	3,563	24.61	16,614,647,491	25.1	2,896	19.81	749,775,970	58.7	131	0.89	3,075,447,703	33.2	574	\$5.67
1890	16,082,267,689	32.0	3,523	25.81	13,279,232,649	30.2	2,909	21.31	494,247,467	51.6	108	0.79	2,308,767,573	46.4	506	\$3.70
1880	12,180,501,538	34.2	3,138	22.72	10,197,095,776	37.0	2,544	19.02	406,520,055	50.1	101	0.76	1,576,884,707	28.2	395	\$2.94
1870	8,944,857,749	12.1	3,365	21.94	7,444,054,462	30.2	2,799	18.26	270,913,678	21.1	102	0.66	1,229,889,609	12.9	462	\$3.02
1860	7,980,433,063	101.2	3,904	19.60	6,645,045,007	103.1	3,251	16.32	246,118,141	62.4	120	0.60	1,089,329,915	100.2	533	\$2.68
1850	3,967,343,880		2,738	13.51	3,271,875,426		2,288	11.14	151,587,638		105	0.52	604,680,516		376	\$1.85
GEOGRAPHIC DIVISIONS																
NEW ENGLAND.																
1910	867,240,457	35.6	4,653	43.99	718,544,808	36.0	3,806	36.45	70,798,826	39.0	269	2.58	97,806,823	30.8	519	4.97
1900	639,645,940	9.3	3,333	31.13	528,267,748	7.9	2,753	25.71	36,551,820	53.7	190	1.78	74,826,332	4.0	399	3.64
1890	585,267,817	-12.9	3,081	29.63	489,570,178	-15.7	2,577	24.78	30,883,288	7.6	125	1.20	71,914,551	4.1	379	3.64
1880	511,846,028	18.6	3,242	31.27	450,681,418	24.0	2,802	27.03	22,096,563	22.5	107	1.03	69,068,077	-13.9	333	3.21
1870	565,353,931	0.9	3,138	28.94	468,133,879	-1.7	2,591	23.92	18,042,446	9.6	100	0.92	80,177,552	16.7	444	4.10
1860	561,467,417		3,062	27.92	476,368,837	27.9	2,889	23.68	16,468,564	27.3	90	0.82	68,695,016	37.8	373	3.42
1850	435,154,525		2,196	23.69	372,348,543		2,221	20.27	12,937,290		77	0.70	49,808,692		297	2.72
MIDDLE ATLANTIC.																
1910	2,959,589,022	28.1	6,319	68.52	2,442,949,103	25.3	5,216	56.56	167,480,384	44.1	358	3.88	349,159,535	42.1	745	8.08
1900	2,310,886,728	-3.1	4,759	51.51	1,948,997,940	-4.9	4,013	43.45	116,253,270	24.9	239	2.69	245,635,518	15.1	506	5.48
1890	2,384,703,476	-5.5	5,089	55.47	2,049,630,599	-7.8	4,374	47.68	99,084,964	9.5	199	2.17	241,988,153	11.5	516	5.63
1880	2,524,721,419	0.9	4,764	54.29	2,222,701,984	7.9	4,446	47.80	84,986,863	16.6	174	1.83	216,972,572	-13.3	444	4.48
1870	2,821,103,898	25.8	5,657	55.15	2,059,060,179	25.1	4,892	47.69	71,635,120	24.9	170	1.66	250,378,599	32.0	485	5.80
1860	1,392,664,457	51.5	4,968	46.20	1,644,644,638	52.0	4,319	40.17	57,356,104	39.1	151	1.40	189,663,715	50.8	498	6.43
1850	1,249,643,065		3,880	53.96	1,082,660,252		3,361	29.42	41,232,970		128	1.12	125,749,843		390	3.42
EAST NORTH CENTRAL.																
1910	10,119,128,066	78.0	9,007	85.81	8,912,991,594	80.6	7,899	75.25	268,506,550	61.3	239	2.28	976,329,922	61.5	869	8.28
1900	5,683,925,367	19.6	5,004	48.86	4,972,597,449	19.8	4,325	42.23	166,094,220	31.8	147	1.43	604,633,707	15.5	532	5.20
1890	4,751,184,987	14.3	4,709	44.91	4,101,406,702	13.0	4,065	38.77	126,454,149	5.6	125	1.20	523,324,136	27.8	519	4.95
1880	4,158,388,413	34.5	4,221	39.31	3,629,160,732	37.1	3,683	34.31	119,804,675	41.4	122	1.13	409,443,006	14.0	416	3.87
1870	3,090,625,974	93.2	4,171	24.98	2,968,364,523	97.8	3,475	30.27	84,717,947	49.1	111	0.97	339,183,806	53.8	472	4.11
1860	2,628,817,467	151.8	3,158	27.91	1,735,742,858	158.4	2,458	23.88	56,810,880	86.9	97	0.78	236,263,729	127.8	403	3.25
1850	805,787,277		2,189	16.06	671,678,075		1,824	13.38	30,393,529		83	0.61	103,715,673		282	2.07
WEST NORTH CENTRAL.																
1910	13,535,309,511	132.5	12,195	53.18	11,614,665,870	149.7	10,464	49.92	368,935,544	86.9	332	1.59	1,551,708,097	59.6	619	6.67
1900	5,820,994,481	54.5	5,488	28.96	4,651,282,998	56.7	4,385	23.14	197,367,840	56.9	186	0.98	972,343,643	44.6	1,387	4.84
1890	3,765,511,744	93.2	4,171	24.98	2,968,364,523	97.8	3,245	19.63	125,717,166	45.5	137	0.83	672,890,126	85.2	216	3.46
1880	1,949,743,846	91.5	2,736	19.27	1,500,300,355	86.4	2,105	14.83	86,428,597	122.4	121	0.85	303,014,984	108.2	509	3.59
1870	1,018,032,607	105.8	2,802	19.67	864,857,937	104.1	2,315	15.55	38,858,215	142.8	107	0.75	174,316,455	106.7	400	3.59
1860	494,589,405	354.2	2,467	14.05	394,270,095	392.6	2,126	11.20	16,005,656	209.6	86	0.45	84,313,144	256.2	453	2.40
1850	108,885,147		1,968	8.71	80,045,058		1,153	6.40	5,170,375		74	0.41	23,669,714		341	1.89
SOUTH ATLANTIC.																
1910	2,951,200,773	103.0	2,654	28.44	2,486,436,474	106.1	2,236	23.96	98,230,147	84.2	88	0.95	366,534,152	88.6	300	3.53
1900	1,454,031,316	9.0	1,711	13.94	1,206,349,618	6.3	1,254	11.57	55,318,990	46.3	55	0.51	194,362,808	20.3	202	1.86
1890	1,333,995,489	26.6	1,719	13.31	1,135,319,670	27.3	1,515	11.34	36,444,018	18.3	49	0.36	161,631,810	25.8	216	1.61
1880	1,053,156,373	42.2	1,634	10.38	894,774,157	46.1	1,384	8.73	30,812,107	53.9	48	0.30	130,570,311	18.3	203	1.29
1870	740,833,437	38.6	1,980	8.21	610,428,194	39.9	1,632	9.77	20,025,279	-41.2	54	0.22	110,379,984	-33.0	295	1.22
1860	1,207,375,444	-71.0	3,999	11.33	1,008,613,065	-79.5	3,340	9.44	34,075,771	-81.1	113	0.32	164,716,608	-56.9	546	1.55
1850	706,208,481		2,845	7.56	576,590,583		2,323	6.17	24,656,545		99	0.26	104,961,353		423	1.12
EAST SOUTH CENTRAL.																
1910	2,182,171,779	82.5	2,094	26.78	1,788,397,839	86.2	1,668	21.32	75,339,333	54.5	72	0.92	369,034,607	73.0	354	4.53
1900	1,195,868,790	13.4	1,224	14.72	933,750,823	12.8	1,034	11.49	48,707,245	35.7	54	0.60	213,320,732	8.9	236	6.63
1890	1,054,730,138	24.6	1,608	13.35	827,514,447	22.1	1,262	10.47	31,323,896	48.1	40	0.40	195,891,795	38.5	209	2.48
1880	846,707,577	20.0	1,486	11.04	677,848,031	24.7	1,190	8.82	27,864,111	40.0	48	0.36	141,395,435	-0.7	248	1.84
1870	705,264,773	-39.0	1,897	10.64	545,530,620	-41.5	1,461	8.20	19,612,733	-39.1	53	0.30	142,401,400	-31.3	383	2.15
1860	1,109,024,049	136.6	4,211	13.63	894,774,157	149.2	3,428	12.43	32,200,055	50.3	119	0.43	207,283,065	105.9	765	2.77
1850	494,488,395		2,211	8.44	371,934,332		1,665	6.35	21,417,837		96	0.37	100,733,226		451	1.72
WEST SOUTH CENTRAL.																
1910	3,838,154,337	136.9	4,069	22.66	3,128,506,882	174.7	3,317	18.50	119,720,377	158.6	127	0.71	589,837,078	46.3	625	3.49
1900	1,619,654,613	93.8	2,446	9.18	1,138,891,068	85.9	1,509	6.45	77,925,050	133.4	103	0.44	403,138,495	105.4	534	2.28
1890	835,294,569	88.9	1,839	12.96	612,308,151	101.7	1,421	7.91	27,019,876	134.3	83	0.35	196,828,588	62.5	456	2.53
1880	443,589,488	120.2	1,400	7.83	303,707,658	125.4	958	5.36	19,124,513	86.9	60	0.34	120,757,317	113.9	381	2.13
1870	201,412,349	-60.0	1,449	6.10	134,716,055	-65.0	969	4.08	10,234,828	-84.8	74	0.31	56,461,511	-36.9	406	1.71
1860	503,093,122	232.8	3,470	11.38	384,540,755	257.3	3,876	7.70	29,038,003	89.7	293	0.66	80,469,344	217.1	902	2.02
1850	151,172,760		5,085	7.92	107,029,651		2,481	5.64	15,329,958		53	0.80	28,213,171		660	1.48
MOUNTAIN.																
1910	1,757,573,368	192.3	9,581	29.52	1,319,396,873	289.6	7									

CHAPTER 10.

TENURE, MORTGAGE INDEBTEDNESS, COLOR AND NATIVITY OF FARMERS, AND SIZE OF FARMS.

Introduction.—This chapter shows in condensed form the main results of the Thirteenth Census of the United States, taken as of April 15, 1910, with reference to the tenure of farms, the mortgage indebtedness on farms, the color and nativity of farm operators, and the size of farms, presenting statistics by geographic divisions and states. Alaska, Hawaii, Porto Rico, and other outlying possessions are not included.

Definitions.—One of the most important branches of agricultural statistics is that which relates to the distribution of farms and farm property according to the tenure under which the farm operator holds the land. The three main classes of farm operators, on the basis of tenure, are (1) owners, (2) hired managers, and (3) tenants. In some of the tables a distinction is made between owners who operate their own land exclusively and those who rent additional land, while the class of tenants is subdivided into

share tenants, share-cash tenants, and cash tenants. The following are the definitions of the several classes of farm operators, substantially as furnished to the census enumerators:

Farm owners include (1) farmers operating their own land only, and (2) those operating both their own land and some land hired from others.

Managers are farmers who are conducting farm operations for the owner for wages or a salary.

Farm tenants are farmers who, as tenants, renters, or croppers, operate hired land only. They were reported in 1910 in three classes: (1) *Share tenants*—those who pay a certain share of the products, as one-half, one-third, or one-quarter; (2) *share-cash tenants*—those who pay a share of the products for part of the land rented by them and cash for part, as cash for pasture or garden and a share of all the crops grown on plowed land; and (3) *cash tenants*—those who pay a cash rental or a stated amount of labor or products, such as \$7, 10 bushels of wheat, or 100 pounds of seed cotton per acre. All tenants who did not specify whether they rented for cash or for a share of the products, or both, are tabulated as having "tenure not specified."

TENURE OF FARMS.

Tenure in the United States as a whole: 1910 and 1900.—Table 1 shows, for the United States as a whole, the number of farms in 1910 classified by

tenure, with corresponding data for 1900 as far as available. It shows also the acreage of the farms in the three main groups.

CLASS OF OPERATOR.	NUMBER OF FARMS.				ALL LAND IN FARMS (ACRES).				PER CENT OF TOTAL.			
	1910	1900	Increase. ¹		1910	1900	Increase. ¹		Number of farms.		Acreage.	
			Number.	Per cent.			Acres.	Per cent.	1910	1900	1910	1900
All farms.....	8,361,502	5,737,372	624,130	10.9	878,798,325	838,591,774	40,206,551	4.8	100.0	100.0	100.0	100.0
Owners.....	3,948,722	3,653,323	295,399	8.1	598,554,617	556,049,051	42,514,566	7.6	62.1	63.7	68.1	66.3
Owning entire farm.....	3,354,897	3,201,947	152,950	4.8					52.7	55.8		
Renting additional land.....	593,825	451,376	142,449	31.6					9.3	7.9		
Managers.....	58,104	59,085	-981	-1.7	53,730,865	87,518,186	-33,787,321	-38.6	0.9	1.0	6.1	10.4
Tenants.....	2,354,676	2,024,964	329,712	16.3	226,512,843	195,033,537	31,479,306	16.1	37.0	35.3	25.8	23.3
Share.....	1,399,923	1,273,299	255,090	20.0					22.0			
Share-cash.....	128,466								2.0			
Cash.....	712,294								11.2			
Not reported.....	113,993	751,665	74,622	9.9					1.8	13.1		

¹ A minus sign (—) denotes decrease.

In the United States as a whole in 1910 substantially five-eighths (62.1 per cent) of the farms were operated by owners and three-eighths (37 per cent) by tenants, the proportion operated by hired managers being less than 1 per cent. Owners "owning entire farm" are more than five times as numerous as owners "renting additional land." In most cases of share-cash tenancy the share feature is the more important, the principal crops being raised on shares,

while only a small amount of land, usually for a home garden or for pasture, is rented on the basis of cash payment. Share-cash tenants were included with share tenants in 1900, while tenants for whom the form of payment was not specified were included with cash tenants. The share and share-cash tenants, as reported, together constituted substantially two-thirds of the entire number of tenants both in 1910 and in 1900.

Between 1900 and 1910 the farms operated by owners increased 8.1 per cent in number, while those operated by tenants increased 16.3 per cent, the small number operated by managers decreasing 1.7 per cent. It may be noted that at least since 1880 (and probably further back also) the farms operated by tenants have in each decade increased faster than those operated by owners. Tenant farms constituted 25.6 per cent of all farms in 1880; 28.4 per cent in 1890; 35.3 per cent in 1900; and 37 per cent in 1910.

The distribution of acreage of farms according to tenure differs somewhat from the distribution of the

number of farms. Farms operated by owners contained 68.1 per cent of the total acreage in 1910; tenant farms, 25.8 per cent; and farms operated by managers, 6.1 per cent. The acreage of farms operated by owners increased 7.6 per cent during the decade 1900 to 1910, while that of tenant farms increased 16.1 per cent. There was a marked decrease in the total acreage of farms operated by managers.

Main tenure classes, by geographic divisions: 1910 and 1900.—Table 2 shows the number, total and improved acreage, and value of land and buildings of the farms of the three main tenure groups in each geographic division for 1910 and 1900.

NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS, CLASSIFIED BY TENURE OF OPERATOR, WITH PERCENTAGES, BY DIVISIONS: 1910 AND 1900.

Table 2 DIVISION AND CLASS OF OPERATOR.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.		PER CENT OF TOTAL.			
	1910	1900	1910	1900	1910	1900	1910	1900	Number of farms.	All land in farms.	Improved land in farms.	Value of land and buildings.
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
UNITED STATES												
Total.....	6,361,502	5,737,372	878,798,325	838,591,774	478,451,750	414,498,467	\$34,801,125,697	\$16,614,647,491	100.0	100.0	100.0	100.0
Owners.....	3,946,722	3,653,323	598,554,617	556,040,051	309,850,421	276,231,252	22,366,934,278	11,091,392,065	62.1	63.7	68.1	64.8
Managers.....	58,104	59,083	53,730,855	67,818,186	12,314,015	10,909,500	1,456,953,602	774,828,686	0.9	1.0	6.1	10.4
Tenants.....	2,354,676	2,024,964	226,512,843	215,033,537	156,287,314	125,357,735	10,977,232,427	4,748,426,170	37.0	35.3	25.8	23.3
NEW ENGLAND.												
Total.....	188,802	191,888	17,914,331	20,548,999	7,254,904	8,134,403	718,544,808	528,267,748	100.0	100.0	100.0	100.0
Owners.....	168,408	169,194	17,089,125	17,831,187	6,259,844	6,993,008	579,953,343	437,769,770	89.2	88.2	86.7	86.3
Managers.....	5,279	4,736	1,087,463	704,495	376,464	308,134	81,663,296	42,845,008	2.8	2.5	5.5	3.9
Tenants.....	15,015	17,958	1,538,343	1,923,117	618,656	835,241	56,930,259	52,015,310	8.0	9.4	7.8	9.4
MIDDLE ATLANTIC.												
Total.....	468,379	485,618	43,191,056	44,800,090	29,320,894	30,786,211	2,442,949,103	1,948,997,940	100.0	100.0	100.0	100.0
Owners.....	355,036	354,411	30,283,268	30,252,456	20,288,000	20,652,713	1,594,225,109	1,246,587,320	75.8	73.0	70.1	68.0
Managers.....	9,072	8,383	1,714,084	1,501,774	910,418	804,706	178,283,750	102,029,200	1.9	1.7	4.0	3.3
Tenants.....	104,271	122,824	11,193,704	12,835,860	8,122,416	9,328,792	670,440,244	600,381,360	22.3	25.3	25.9	28.6
EAST NORTH CENTRAL.												
Total.....	1,123,489	1,135,823	117,929,148	116,340,761	85,947,228	86,670,271	8,873,991,594	4,912,597,440	100.0	100.0	100.0	100.0
Owners.....	809,044	826,313	80,234,330	82,363,334	58,470,026	59,590,428	5,458,959,257	3,257,174,800	72.0	72.8	68.0	70.8
Managers.....	10,848	11,224	2,354,205	2,271,111	1,493,321	1,444,504	196,347,752	111,240,560	1.0	1.0	2.0	1.7
Tenants.....	303,597	298,286	35,340,612	31,706,316	28,983,881	25,635,339	3,216,684,585	1,544,182,080	27.0	26.3	30.0	27.3
WEST NORTH CENTRAL.												
Total.....	1,109,948	1,069,744	232,648,121	201,068,713	164,284,802	133,643,828	11,614,665,870	4,631,282,998	100.0	100.0	100.0	100.0
Owners.....	788,946	737,910	104,789,865	147,063,919	111,279,588	96,605,338	7,615,880,376	3,238,392,578	68.4	69.6	70.8	73.2
Managers.....	8,384	8,394	5,005,299	4,591,508	2,726,669	2,420,464	199,611,857	102,200,190	0.8	0.8	2.2	3.3
Tenants.....	342,618	314,440	62,852,957	47,353,286	50,278,608	36,619,831	3,799,176,637	1,290,690,230	30.9	29.6	27.0	23.6
SOUTH ATLANTIC.												
Total.....	1,111,853	962,225	103,782,255	104,297,506	48,479,733	46,100,226	2,486,436,474	1,206,349,618	100.0	100.0	100.0	100.0
Owners.....	593,154	527,512	60,129,783	68,925,876	28,844,267	27,800,075	1,593,294,281	778,138,258	53.4	54.8	66.6	66.1
Managers.....	8,298	9,115	3,364,300	3,461,604	1,229,084	1,287,337	125,539,290	63,844,320	0.7	0.7	3.3	2.5
Tenants.....	510,429	425,598	31,288,082	31,910,026	18,406,382	17,012,514	707,602,903	364,676,040	45.9	44.2	30.1	30.6
EAST SOUTH CENTRAL.												
Total.....	1,042,480	903,313	81,520,629	81,247,443	43,946,846	40,237,337	1,738,397,839	933,780,823	100.0	100.0	100.0	100.0
Owners.....	510,452	463,656	57,131,972	57,381,476	27,383,922	25,374,069	1,135,752,526	616,577,383	49.0	51.3	70.1	70.6
Managers.....	3,290	4,696	1,063,467	1,623,450	578,791	640,263	47,897,661	27,529,790	0.3	0.3	2.0	2.0
Tenants.....	528,738	434,961	22,789,190	22,242,717	15,984,133	14,222,975	555,047,652	289,673,650	50.7	48.1	28.0	27.4
WEST SOUTH CENTRAL.												
Total.....	943,186	754,853	109,149,976	176,491,202	58,264,273	39,770,530	3,128,596,882	1,138,891,068	100.0	100.0	100.0	100.0
Owners.....	449,008	371,724	104,353,474	96,807,814	30,885,471	22,792,774	1,767,880,518	639,724,648	46.7	50.2	61.7	54.9
Managers.....	4,696	4,354	49,698,111	46,220,889	1,426,467	1,231,426	205,148,149	135,054,040	0.5	0.7	11.6	26.2
Tenants.....	497,585	370,615	15,098,331	33,462,496	25,952,335	15,726,330	1,155,568,215	364,112,363	52.8	49.1	26.7	19.0
MOUNTAIN.												
Total.....	183,446	101,327	30,533,439	46,297,284	15,915,002	8,402,576	1,310,396,873	338,619,672	100.0	100.0	100.0	100.0
Owners.....	109,844	85,901	42,269,936	25,549,926	12,152,888	6,324,997	972,132,526	247,084,635	87.7	84.4	71.0	55.1
Managers.....	2,912	3,417	11,003,725	16,515,149	1,471,963	946,550	133,047,720	54,904,110	1.6	3.4	18.5	35.6
Tenants.....	19,690	12,409	6,263,765	4,338,209	2,290,451	1,131,029	214,216,618	46,330,927	10.7	12.2	10.5	9.4
PACIFIC.												
Total.....	189,891	141,581	51,328,789	47,399,576	22,038,008	18,753,105	2,478,146,254	955,860,154	100.0	100.0	100.0	100.0
Owners.....	151,933	109,512	33,276,880	29,600,061	14,286,688	12,099,622	1,648,858,257	603,942,270	80.0	77.3	64.8	62.4
Managers.....	5,225	4,166	7,000,061	8,538,005	2,100,889	1,807,796	287,684,882	135,853,908	2.8	2.9	13.4	18.0
Tenants.....	32,733	27,903	11,051,848	9,264,510	5,650,452	4,845,684	541,603,300	216,064,210	17.2	19.7	19.8	19.5

As respects the proportion which tenant farms form of the total number of farms, the divisions fall into three groups. The three southern divisions (South Atlantic, East South Central, and West South Central) have a high proportion of tenant farms, the proportion in 1910 exceeding 50 per cent in the last two divisions named. In three of the northern divisions (the West North Central, East North Central, and Middle Atlantic) the number of tenant farms is also comparatively large, the proportion varying in 1910 from 30.9 per cent in the West North Central division to 22.3 per cent in the Middle Atlantic. In the two western divisions (the Pacific and Mountain) and in the New England division the proportion was much lower, ranging from 17.2 per cent in the Pacific division to 8 per cent in the New England.

In the southern divisions the average size of tenant farms is much smaller than that of farms operated by owners, so that the proportion which the total acreage of tenant farms forms of the total acreage of all farms in these divisions is not materially different from the proportion in the Middle Atlantic, East North Central, and West North Central divisions.

The number of farms operated by managers is small in all of the divisions, the highest proportion being in the New England and Pacific divisions, 2.8 per cent in each case. In the Mountain, Pacific, and West South Central divisions, however, the acreage of farms

operated by managers is of considerable importance, constituting 18.5 per cent, 15.4 per cent, and 11.6 per cent respectively, of the total acreage in farms.

In the East North Central and West North Central divisions, which constitute the most important farming divisions of the country, and also in the three divisions constituting the South, the tenant farms formed a larger proportion, and farms operated by owners a smaller proportion, of the total number of farms in 1910 than in 1900, but the opposite is true of the New England and Middle Atlantic divisions in the extreme East and the Mountain and Pacific divisions in the West. The proportion which the acreage of tenant farms represents of the total farm acreage increased in all divisions except the New England, Middle Atlantic, and South Atlantic, which show a decrease in this respect, accompanied, in the Middle Atlantic and South Atlantic divisions, by an increase in the proportion of the acreage in farms operated by owners. This latter class of farms also shows an increase in its proportion of the total acreage in the Mountain, Pacific, and West South Central divisions, the farms operated by managers constituting the only class in these divisions which decreased in relative importance as measured by acreage.

Table 3 shows, by divisions, the percentage of increase or decrease in the number and acreage of farms of the three main tenure groups from 1900 to 1910.

Table 3

PER CENT OF INCREASE: 1900 TO 1910

DIVISION.	Number of farms.				All land in farms.				Improved land in farms.				Value of land and buildings.			
	Total.	Own-ers.	Manag-ers.	Ten-ants.	Total.	Own-ers.	Manag-ers.	Ten-ants.	Total.	Own-ers.	Manag-ers.	Ten-ants.	Total.	Own-ers.	Manag-ers.	Ten-ants.
United States.....	10.9	8.1	-1.7	16.3	4.8	7.6	-38.6	16.1	15.4	11.4	12.9	24.7	109.5	101.7	88.0	131.2
New England.....	-1.6	-0.5	13.6	-16.4	-4.1	-4.2	36.8	-20.0	-10.8	10.5	22.9	-25.9	36.0	33.7	92.2	9.4
Middle Atlantic.....	-3.5	0.2	8.2	-15.1	-3.7	-0.8	14.1	-12.8	-4.8	-3.8	13.1	-12.9	23.3	27.9	74.7	11.7
East North Central.....	-1.1	-2.1	-3.3	1.8	1.4	-2.6	3.7	11.5	2.6	-1.9	3.4	13.1	80.6	67.6	78.3	108.3
West North Central.....	4.6	2.9	-0.1	9.0	15.7	12.1	-24.1	32.7	21.1	15.2	12.7	37.3	149.7	133.7	95.3	194.4
South Atlantic.....	15.6	12.4	-9.0	19.9	-0.5	0.3	-2.8	-1.9	5.2	3.8	-4.5	8.2	106.1	104.8	97.6	110.5
East South Central.....	15.4	10.1	-29.9	21.6	0.3	-0.4	-1.2	2.4	9.2	7.9	-9.6	12.4	86.2	84.2	72.9	91.6
West South Central.....	24.9	16.2	-5.2	34.3	-4.2	7.8	-57.4	34.8	46.5	35.5	14.0	65.0	174.7	168.0	51.9	235.8
Mountain.....	81.0	88.1	-14.8	58.7	28.3	65.5	-33.4	44.4	39.4	92.1	55.3	102.5	280.6	310.0	142.3	359.4
Pacific.....	34.1	38.7	25.4	17.3	8.3	12.4	-7.5	9.6	17.5	18.1	16.2	16.6	159.2	173.0	111.8	150.7

1 A minus sign (-) denotes decrease.

Table 4 shows, by divisions, certain averages and percentages which reflect differences in the characteristics of farms operated by owners, managers, and tenants, respectively.

In the country as a whole the average size in 1910 of farms operated by owners was 151.6 acres; of farms operated by managers, 924.7 acres; and of tenant farms, 96.2 acres. The farms operated by managers are in all geographic divisions materially larger than those operated by owners or tenants, but the excess in the size of farms operated by owners over that of tenant farms, which appears in the average for the country as a whole, is by no means found in all parts of the country. Farms operated by owners are somewhat larger than those operated by tenants in the West North Central division and very much larger in the South, but on the other hand, in the three

more easterly divisions of the North and in the Mountain and Pacific divisions, the tenant farms are the larger, although there is very little difference in New England. Conditions as to relative size were approximately the same in 1900 as in 1910. The average size of farms operated by owners decreased more or less during the decade in all divisions except the West North Central, while that of tenant farms increased somewhat in the Middle Atlantic, East North Central, West North Central, and West South Central divisions.

The ratio which the acreage of improved farm land bears to the total farm acreage is higher in the case of tenant farms than in the case of farms operated by owners in every geographic division, the difference being particularly conspicuous in the South and in the West North Central and Pacific divisions.

Table 4

DIVISION AND CLASS OF OPERATOR.	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land in farms.		Improved land in farms.		Per farm.		Per acre.			
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
UNITED STATES										
Total.....	138.1	116.2	75.2	72.2	54.4	49.4	\$5,471	\$2,896	\$39,609	\$19,811
Owners.....	151.6	152.2	78.5	76.2	51.8	50.0	5,664	3,036	37,377	19,955
Managers.....	924.7	1,481.2	211.9	184.6	22.8	12.5	25,075	13,114	27,121	8,855
Tenants.....	96.2	96.3	66.4	61.9	69.0	64.3	4,662	2,355	48,464	24,335
NEW ENGLAND.										
Total.....	104.4	107.1	38.4	42.4	36.8	39.6	3,806	2,753	36.45	25.71
Owners.....	101.5	105.4	37.2	41.3	36.6	30.2	3,444	2,564	33.94	24.33
Managers.....	202.2	167.7	10.0	64.6	34.6	38.5	15,182	8,970	75.10	53.46
Tenants.....	102.5	107.1	41.2	46.5	40.2	43.4	3,792	2,366	37.01	27.65
MIDDLE ATLANTIC.										
Total.....	92.2	92.4	62.6	63.4	67.9	68.6	5,216	4,013	56,556	43.45
Owners.....	85.3	86.1	57.1	58.3	67.0	67.7	4,400	3,517	52,664	40.84
Managers.....	188.9	179.1	10.0	96.0	53.1	53.6	19,652	12,711	104.01	67.94
Tenants.....	107.4	104.5	47.9	46.9	72.6	72.7	6,430	4,888	58.89	46.77
EAST NORTH CENTRAL.										
Total.....	105.0	102.4	79.2	76.3	75.4	74.5	7,899	4,325	75.25	42.23
Owners.....	99.2	99.7	72.3	72.1	72.9	72.3	6,747	3,942	68.04	39.55
Managers.....	217.0	202.3	137.7	128.7	63.4	63.6	18,284	9,911	84.25	48.68
Tenants.....	116.4	106.3	95.5	85.9	82.0	80.9	10,595	5,177	91.02	48.70
WEST NORTH CENTRAL.										
Total.....	209.6	189.5	148.0	127.9	70.6	67.5	10,464	4,385	49.92	23.14
Owners.....	217.1	199.3	146.6	130.9	67.5	65.7	10,035	4,416	46.22	22.16
Managers.....	597.0	788.3	325.2	228.4	54.5	36.7	23,809	12,175	39.88	15.50
Tenants.....	183.4	156.6	146.7	116.5	80.0	77.3	11,089	4,165	60.45	27.26
SOUTH ATLANTIC.										
Total.....	93.3	108.4	43.6	47.0	46.7	44.2	2,236	1,254	23.96	11.57
Owners.....	116.5	130.7	48.6	52.7	41.7	40.3	2,080	1,375	23.05	11.29
Managers.....	405.4	379.8	148.1	141.3	56.5	37.2	15,129	6,970	37.31	18.35
Tenants.....	61.3	75.0	36.1	40.0	58.8	53.3	1,504	857	24.53	11.43
EAST SOUTH CENTRAL.										
Total.....	78.2	89.9	42.2	44.5	53.9	49.5	1,668	1,034	21.32	11.49
Owners.....	111.9	123.8	53.6	54.7	47.9	44.2	2,225	1,330	19.88	10.75
Managers.....	487.4	345.7	175.9	130.3	35.1	30.4	14,467	8,802	29.48	16.96
Tenants.....	43.1	51.1	30.2	32.7	70.2	63.9	1,050	606	24.36	13.02
WEST SOUTH CENTRAL.										
Total.....	179.3	233.8	61.8	52.7	34.4	22.5	3,317	1,509	18.50	6.45
Owners.....	236.7	255.2	70.1	60.1	29.0	23.5	4,010	1,739	16.94	6.81
Managers.....	4194.7	9,330.6	303.8	232.6	7.2	2.7	43,633	27,262	10.42	2.92
Tenants.....	90.6	90.3	52.2	42.4	67.5	47.0	2,322	908	25.62	10.28
MOUNTAIN.										
Total.....	324.5	457.9	80.8	82.9	26.7	18.1	7,192	3,342	22.16	7.39
Owners.....	262.8	298.8	75.4	74.6	28.8	24.8	6,042	2,773	23.00	9.28
Managers.....	3778.8	4,833.2	505.5	277.0	13.4	5.7	45,689	16,608	12.09	3.32
Tenants.....	318.1	349.6	116.3	91.1	36.6	26.1	10,879	3,758	34.20	10.75
PACIFIC.										
Total.....	270.3	334.8	116.1	132.5	42.9	39.6	13,050	6,751	48.28	20.17
Owners.....	219.0	270.3	94.0	110.5	42.9	40.9	10,853	5,515	49.55	20.40
Managers.....	1512.0	2,049.4	402.1	433.9	26.9	21.2	55,039	32,610	36.42	15.91
Tenants.....	310.1	331.9	172.0	173.7	55.7	52.5	16,540	7,743	53.33	23.33

This condition is due probably to the fact that tenants in most cases rent only that land of which they expect

to make active use, and therefore hire relatively little unimproved land. In every division the percentage of improved land in the farms operated by managers is lower than in those operated by owners, this condition being closely related to the fact, already noted, that the farms of managers are generally much larger than other farms.

Chiefly because they consist more largely of improved land, the tenant farms have in every geographic division a higher average value of land and buildings per acre of land than the farms operated by owners. Furthermore, the average value of land and buildings per farm is greater for tenant farms than for farms operated by owners, except in the three southern divisions, where the tenant farms are considerably smaller than those operated by owners.

Number of farms for all tenure groups, by divisions: 1910 and 1900.—Table 5 shows, for 1910 and 1900, by divisions, the number of farms in each of the major and minor tenure groups.

Farms operated by owners "owning entire farm" greatly outnumber those operated by owners "renting additional land" in all divisions; the difference is less conspicuous in the West North Central division, where there were nearly one-third as many of the latter class in 1910 as of the former.

In every division the farms operated by owners "renting additional land" increased in numbers between 1900 and 1910, while in every division except the Mountain and Pacific the farms operated by owners "owning entire farm" either decreased or increased less rapidly than did those of the former group. It seems to be an increasing practice of farmers to attend the farms they operate by renting land in addition to what they own.

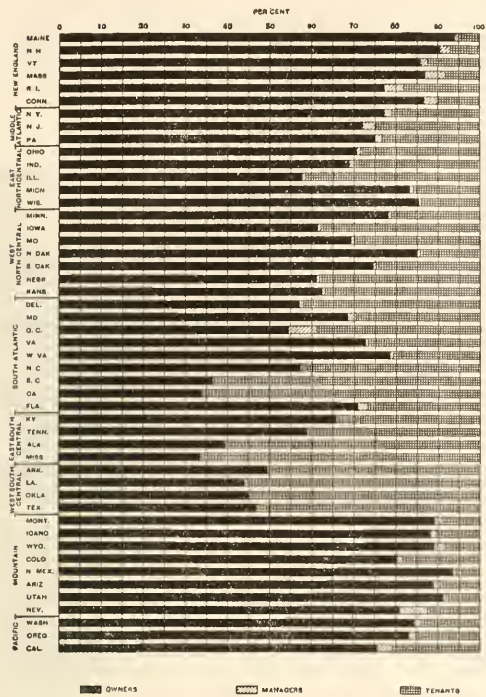
In every geographic division except the New England and Pacific divisions (in both of which the total number of tenants is comparatively small) the number of share tenants materially exceeds the number of cash tenants, the difference being still more conspicuous if the share-cash tenants are counted with those having exclusively a share tenure.

Table 5

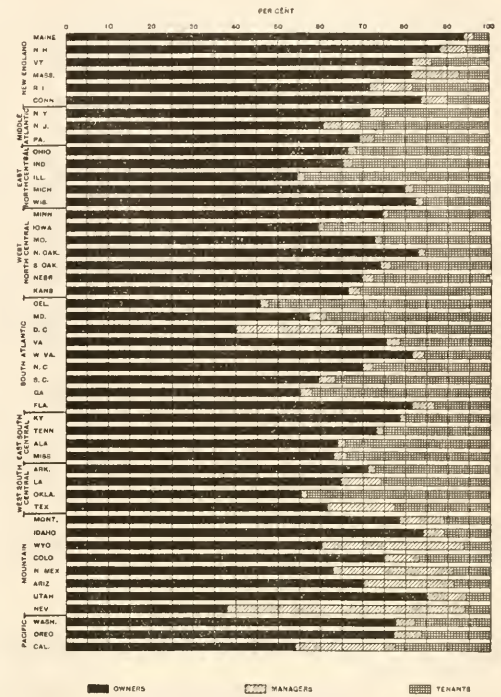
NUMBER OF FARMS OPERATED BY—

DIVISION.	Owners—				Managers.				Cash and "not reported" tenants.					
	Owning entire farm.		Renting additional land.		1910		1900		1910		1900			
	1910	1900	1910	1900	Total.	Share.	Share-cash.	Total.	Total.	Cash.	Not reported.	Total.		
United States	3,354,897	3,201,947	593,225	451,376	58,104	59,085	1,628,389	1,399,923	128,466	1,273,299	836,287	712,294	113,993	751,665
New England	102,539	113,554	5,869	5,440	5,379	4,736	2,827	2,611	216	4,936	12,188	9,787	2,401	13,022
Middle Atlantic	329,423	332,844	25,613	21,567	9,072	8,333	57,190	54,958	2,232	69,485	47,081	40,958	6,123	53,339
East North Central	677,239	713,258	131,805	113,055	10,848	11,224	204,263	170,712	33,551	203,121	99,334	84,082	15,252	95,165
West North Central	581,066	581,569	178,880	153,520	4,384	8,394	218,079	167,096	50,983	124,573	124,539	102,883	21,656	112,507
South Atlantic	521,558	480,613	71,595	46,309	8,268	9,115	309,498	299,381	10,117	252,899	200,931	176,617	24,314	172,699
East South Central	438,977	418,387	71,476	45,299	3,290	4,666	320,478	307,923	12,555	244,778	208,201	192,252	16,008	190,153
West South Central	368,855	328,114	172,050	141,170	4,696	4,954	391,365	374,372	16,993	274,677	106,220	84,191	22,029	95,938
Mountain	145,029	177,055	15,815	15,333	2,912	3,417	10,964	10,349	615	7,679	8,726	5,661	3,063	4,730
Pacific	131,211	93,551	20,722	15,361	5,225	4,166	13,725	12,521	1,204	13,851	19,008	15,363	3,145	14,052

NUMBER OF FARMS, CLASSIFIED BY CHARACTER OF TENURE OF OPERATOR: 1910.



ACREAGE OF ALL LAND IN FARMS, CLASSIFIED BY CHARACTER OF TENURE OF OPERATOR: 1910.



The proportion of farms under share tenancy is highest in the West South Central division, where such farms (including those of share-cash tenants) in 1910 constituted 78.7 per cent of all tenant farms. In all of the divisions constituting the North and the West there was a greater increase (or less decrease) during the decade in the number of cash tenants (including those for whom the form of tenure was not reported) than in the number of

share and share-cash tenants, but in each of the three divisions constituting the South the opposite was true.

Tenure, by states: 1910 and 1900.—Table 6, on the two following pages, shows, for each state, the principal facts with regard to the number, total and improved acreage, and value of land and buildings of farms of the three general tenure groups, for 1910, with certain comparative data for 1900.

NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS, CLASSIFIED BY TENURE OF OPERATOR, BY STATES: 1910 AND 1900—Continued.

Table 6—Contd.		NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.		STATE AND CLASS OF OPERATOR.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.		
STATE AND CLASS OF OPERATOR.		1910	1900	1910	1900	1910	1910	1910	1910		1910	1900	1910	1900	1910	1900	1910	1900	
East South Central—Continued.																			
ALABAMA.																			
Total	262,901	223,220	20,732,312	20,685,427	9,093,581	8,288,555	255,591	106,872	298	Mountaineer—Contd.									
Owners	103,329	93,472	10,294,106	12,565,550	4,620,232					WYOMING.									
Managers	646	875	866,767	361,301	120,099					Total	10,987	6,095	8,543,010	8,124,526	1,256,160	597,915	277		
Tenants	158,326	128,874	7,085,439	6,758,776	4,953,250					Owners	9,779	5,185	5,152,581	4,022,941	940,372	71,276	554		
										Managers	311	446	2,862,992	3,608,155	189,900	17,184	459		
										Tenants	897	404	527,337	493,440	125,888	9,454	264		
										COLORADO.									
										Total	46,170	24,700	13,532,113	9,474,588	4,302,101	408,518	861		
										Owners	36,993	18,239	10,134,797	6,156,844	2,907,897	270,289	463		
										Managers	787	880	1,140,446	1,787,515	310,402	29,343	653		
										Tenants	8,390	5,581	2,256,870	1,530,232	1,083,802	108,935	745		
										NEW MEXICO.									
										Total	35,676	12,311	11,270,021	5,130,878	1,467,191	111,830	999		
										Owners	33,398	10,674	7,095,901	2,421,403	1,288,739	80,982	225		
										Managers	321	483	3,195,901	2,282,612	74,147	20,343	772		
										Tenants	1,957	1,154	978,361	426,863	94,305	10,505	602		
										ARIZONA.									
										Total	9,227	5,899	1,246,613	1,935,327	350,173	47,285	310		
										Owners	8,203	4,965	874,914	523,117	254,439	33,196	611		
										Managers	163	335	264,798	1,354,854	35,871	5,800	694		
										Tenants	861	489	106,901	57,356	59,863	8,288	605		
										UTAH.									
										Total	21,676	19,387	3,397,690	4,116,951	1,368,211	117,545	332		
										Owners	19,762	17,363	2,888,090	2,601,554	1,202,672	101,417	754		
										Managers	194	311	315,376	929,298	66,462	6,545	737		
										Tenants	1,720	1,713	194,233	586,099	99,677	9,581	841		
										NEVADA.									
										Total	2,680	2,184	2,714,757	2,565,647	752,117	39,609	339		
										Owners	2,175	1,899	1,032,332	1,461,483	386,132	21,731	515		
										Managers	181	126	1,524,130	1,002,307	310,527	13,908	493		
										Tenants	333	249	158,195	101,857	55,458	3,969	331		
										Pacific									
										WASHINGTON.									
										Total	56,192	33,202	11,712,235	8,499,297	6,373,311	571,968	457		
										Owners	47,505	28,020	9,115,171	6,998,988	4,760,830	430,624	440		
										Managers	181	126	1,524,130	1,002,307	310,527	13,908	493		
										Tenants	7,726	4,777	2,067,982	1,126,810	1,453,014	111,929	543		
										OREGON.									
										Total	45,502	35,837	11,685,110	10,071,328	4,274,803	455,576	309		
										Owners	37,796	28,963	9,036,370	7,411,128	3,061,350	335,796	672		
										Managers	847	508	766,097	1,162,468	212,812	28,725	693		
										Tenants	6,859	6,366	1,882,733	1,497,732	1,000,641	91,064	544		
										CALIFORNIA.									
										Total	88,197	72,542	27,931,444	28,828,951	11,389,894	1,450,601	488		
										Owners	66,632	52,529	15,125,339	15,189,945	6,464,472	882,447	830		
										Managers	3,417	2,253	6,684,972	7,002,038	1,728,625	229,544	415		
										Tenants	18,148	16,760	6,201,133	6,636,968	3,196,797	338,609	243		

1 Figures for 1900 include Indian Territory.

FARM MORTGAGES.

The inquiries with reference to mortgage debt at each of the last three censuses related only to those farms which were operated by their owners, and no attempt was made to ascertain the total number of farms which were mortgaged or the total amount of mortgage debt. Tenants or hired managers are not likely to have accurate information as to whether the farms they operate are mortgaged, and still less as to the amount of mortgage debt, and it would be practically impossible, in many cases, to reach the owners of such farms in order to ascertain these facts. In the case of farms of owners who rent additional land, the statement as to the amount of mortgage debt relates only to the land owned by the operator. Such farms are included in all of the statistics dealing with the number of farms mortgaged, but not in those relating to the amount of mortgage debt.

Number of farms mortgaged.—The statistics with reference to the number of farms mortgaged for the past three censuses are not precisely comparable, although nearly so. At the census of 1910 questions as to mortgage debt applied to all farms operated by owners, while at the two preceding censuses they applied only to the slightly smaller class of "owned

farm homes"—that is, farms occupied by their owners as homes.

Table 7 shows, for the United States as a whole for the last three censuses, the actual returns with regard to the number of farms or farm homes operated or occupied by their owners which were free from mortgage and mortgaged, respectively.

Table 7	Total.	Free from mortgage.	Mortgaged.	Not specified.
1910—Farms operated by owners.	3,948,722	2,588,596	1,312,034	48,092
1900—Owned farm homes.	3,638,403	2,419,180	1,093,164	126,059
1890—Owned farm homes.	3,142,746	2,227,969	875,052	39,725

At the census of 1900 there were many more cases of failure to report the presence or absence of mortgage indebtedness than at the census of 1910 or of 1890. While the proportion free from mortgage or mortgaged can be calculated on the basis of the actual reports, it would not be proper to compute the increase in the number of farms in each of these classes without first distributing in proper proportion the farms for which no report was secured between the two groups. This has been done in Table 8, which presents statistics by divisions.

Table 8

FARMS OR FARM HOMES OPERATED OR OCCUPIED BY OWNERS.

DIVISION.	Free from mortgage.												Mortgaged.					
	1910	1900	1890	Increase: ¹ 1900-1910		Increase: ¹ 1890-1900		1910	1900	1890	Increase: ¹ 1900-1910		Increase: ¹ 1890-1900					
				Number.	Per cent.	Number.	Per cent.				Number.	Per cent.	Number.	Per cent.				
United States.....	2,621,283	2,510,654	2,255,789	110,629	4.4	254,865	11.3	1,327,439	1,127,749	886,957	199,690	17.7	240,792	27.1				
New England.....	169,586	108,474	118,717	1,112	1.0	-10,243	-8.6	58,822	56,129	46,728	2,693	4.8	9,391	20.1				
Middle Atlantic.....	219,093	214,285	222,477	4,808	2.2	-8,212	-3.7	135,943	144,462	130,770	-8,519	-5.9	13,692	10.5				
East North Central.....	478,408	503,421	479,014	-25,013	-5.0	24,407	5.1	330,636	327,798	288,359	2,837	0.9	39,440	13.7				
West North Central.....	408,980	406,265	357,099	2,715	0.7	39,166	13.8	349,966	322,852	330,070	27,114	8.4	-7,218	-2.2				
South Atlantic.....	381,412	438,097	387,381	43,315	9.9	50,716	13.1	111,742	88,217	31,080	25,525	26.7	57,137	183.8				
East South Central.....	394,573	380,866	346,320	13,707	3.6	34,546	10.0	115,879	77,976	16,234	37,903	48.6	61,742	380.3				
West South Central.....	305,792	306,360	238,985	-568	-0.2	67,365	28.2	135,113	67,987	11,955	67,126	98.7	56,062	468.7				
Mountain.....	127,490	74,896	45,961	62,504	70.1	29,265	64.1	33,444	12,570	7,511	20,874	166.1	5,059	67.4				
Pacific.....	96,039	77,990	60,135	18,049	23.1	17,855	29.7	35,894	29,737	24,240	26,137	87.8	5,517	22.8				

¹ A minus sign (-) denotes decrease.

Table 9 shows percentages derived from Table 8.

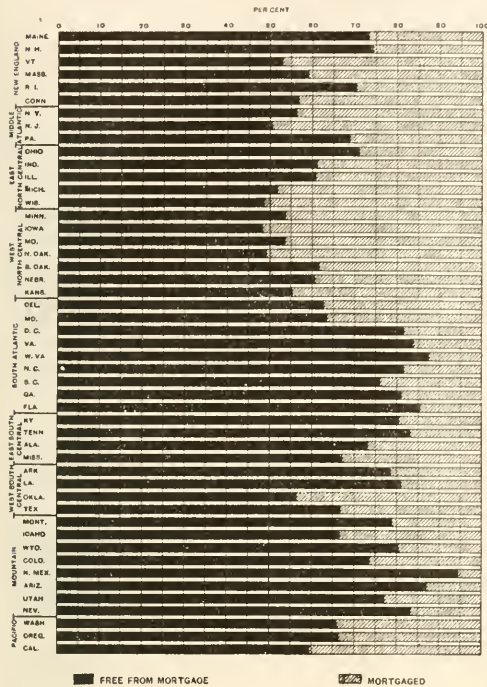
DIVISION.	PER CENT OF ALL FARMS FOR WHICH MORTGAGE REPORTS WERE OBTAINED. ¹					
	Free from mortgage.			Mortgaged.		
	1910	1900	1890	1910	1900	1890
United States.....	66.4	88.9	71.8	33.6	31.1	28.2
New England.....	65.1	65.9	71.8	34.9	34.1	28.2
Middle Atlantic.....	61.7	59.7	63.0	38.3	40.3	37.0
East North Central.....	59.1	60.6	62.4	40.9	39.4	37.6
West North Central.....	53.9	55.7	52.0	46.1	44.3	48.0
South Atlantic.....	81.2	83.2	92.6	18.8	16.8	7.4
East South Central.....	77.3	83.0	95.5	22.7	17.0	4.5
West South Central.....	68.4	81.8	95.2	30.6	18.2	4.8
Mountain.....	79.2	85.6	85.9	20.8	14.4	14.1
Pacific.....	63.2	72.4	71.3	36.8	37.6	28.7

¹ For 1910 based on farms operated by their owners and for 1900 and 1890 on farm homes occupied by their owners.

In making comparisons between geographic divisions and between censuses, it should be borne in mind that the fact of mortgage indebtedness is not necessarily an indication of lack of prosperity. There can be no question but that American farmers generally were more prosperous in 1910 than at the two preceding censuses, and yet in that year a larger proportion of the farms were mortgaged. The proportion of mortgage indebtedness is higher in Iowa and Wisconsin than in any of the other states, and yet these states are among the most prosperous in agriculture. Although in some cases mortgages are placed on farms because of poor crops or other misfortunes or because of mismanagement, they often represent an unpaid portion of the cost of the farm itself or money ex-

pended for additional land or for buildings and other equipment. The conditions in different parts of the country as to land titles and as to availability of public lands for settlement in some cases affect the proportion of farms mortgaged.

NUMBER OF FARMS OPERATED BY THEIR OWNERS, FREE FROM MORTGAGE AND MORTGAGED: 1910.



ABSTRACT OF THE CENSUS—AGRICULTURE.

MORTGAGES AND MORTGAGE INDEBTEDNESS, BY DIVISIONS AND STATES.

Table 11 DIVISION OR STATE.	NUMBER OF FARMS OPERATED BY OWNERS: 1910 ¹				PER CENT REPORTED AS MORTGAGED. ²			FARMS OPERATED BY OWNERS OWNING ENTIRE FARM: 1910 ³					RATIO OF DEBT TO VALUE, PER CENT.		
	Total.	Free from mortgage.	Mortgaged.	Not reported.	1910	1900	1890	Number.	Value of land and buildings.	Amount of debt.	Average per farm.			1910	1890
											Value.	Debt.	Equity.		
United States	3,948,722	2,588,596	1,312,034	48,092	33.6	31.1	28.2	1,006,511	\$6,330,236,951	\$1,726,172,851	\$6,289	\$1,715	\$4,574	27.3	35.5
GEOGRAPHIC DIVISIONS:															
New England:															
Maine.....	168,408	108,938	58,474	996	34.9	34.1	28.2	53,791	183,826,183	58,535,508	3,417	1,068	2,329	31.8	40.4
Middle Atlantic:															
New Hampshire.....	355,036	217,257	134,803	2,976	38.3	40.3	37.0	118,220	516,334,528	178,326,219	4,368	1,908	2,660	34.5	43.2
East North Central:															
Vermont.....	809,044	473,827	327,463	7,759	40.9	39.4	37.6	257,884	1,605,964,728	459,886,968	6,227	1,783	4,444	28.6	33.2
West North Central:															
Massachusetts.....	758,946	404,555	346,182	8,299	40.1	44.3	48.0	236,975	2,301,540,675	608,480,562	9,965	2,568	7,397	25.8	33.6
South Atlantic:															
Rhode Island.....	593,154	474,742	110,198	8,214	18.8	16.8	7.4	86,522	270,317,105	73,597,258	3,124	851	2,273	27.2	40.2
East South Central:															
West South Central:															
Mountain.....	510,452	388,837	114,195	7,429	22.7	17.0	4.5	85,282	203,125,373	59,769,643	2,382	701	1,681	29.4	43.3
Pacific.....	440,905	299,303	132,252	9,350	30.6	18.2	4.8	96,687	454,014,790	121,365,670	5,006	1,255	3,751	25.1	42.8
Mountain.....	160,844	125,940	33,060	1,844	20.8	14.4	14.1	26,731	247,994,132	69,364,185	9,277	2,221	7,056	23.9	31.8
Pacific.....	151,933	95,202	55,407	1,324	36.8	27.6	28.7	44,419	457,119,437	106,846,838	10,291	2,405	7,886	23.4	30.1
NEW ENGLAND:															
Maine.....	56,454	41,309	14,948	197	26.6	26.7	22.1	13,894	39,774,005	11,738,529	5,263	845	2,018	29.5	36.7
New Hampshire.....	24,493	18,119	6,234	140	25.6	25.5	21.8	5,666	15,457,040	4,773,610	2,728	842	1,886	30.9	38.4
Vermont.....	28,065	14,851	13,140	74	46.9	46.9	44.3	12,138	36,568,501	19,436,091	3,037	1,025	2,012	33.7	41.8
Massachusetts.....	32,075	18,768	13,014	293	40.9	38.6	30.5	12,030	49,742,396	16,371,484	4,135	1,361	2,774	32.9	41.9
Rhode Island.....	4,087	2,811	1,180	96	29.6	27.1	19.1	1,001	4,087,963	1,356,326	4,054	1,355	2,729	33.2	42.6
Connecticut.....	23,234	13,080	9,938	196	43.2	40.7	31.1	9,062	37,906,308	11,859,468	4,183	1,309	2,874	31.3	40.6
MIDDLE ATLANTIC:															
New York.....	166,674	93,118	72,311	1,245	43.7	46.3	44.2	62,555	284,659,163	97,809,848	4,551	1,556	2,995	34.2	43.6
New Jersey.....	24,133	11,983	11,793	357	49.6	51.9	48.9	10,666	55,507,006	19,476,938	5,204	1,826	3,378	35.1	49.6
Pennsylvania.....	164,229	112,156	50,699	1,374	31.1	32.3	27.4	44,999	176,168,359	61,539,433	3,915	1,368	2,547	34.9	40.7
EAST NORTH CENTRAL:															
Ohio.....	192,104	135,616	54,997	1,491	28.9	29.8	28.9	42,785	220,749,834	63,788,397	5,100	1,491	3,669	28.9	34.3
Indiana.....	148,501	89,847	56,914	1,740	38.8	36.5	33.1	40,108	251,961,241	57,486,582	6,282	1,433	4,849	22.8	30.3
Illinois.....	145,107	86,713	55,792	2,602	39.2	39.3	36.7	36,938	454,857,222	115,799,646	12,314	3,135	9,179	25.5	34.6
Michigan.....	172,310	88,705	82,631	974	48.2	48.3	49.4	68,655	250,874,010	75,997,900	6,054	1,107	2,547	30.3	32.4
Wisconsin.....	151,022	72,941	77,129	932	54.4	45.8	42.9	69,398	427,522,421	146,815,313	6,160	2,116	4,044	34.3	33.3
WEST NORTH CENTRAL:															
Minnesota.....	122,104	65,038	56,145	921	46.3	44.8	46.4	41,775	295,015,775	77,866,283	7,062	1,864	5,198	26.4	31.6
Iowa.....	133,063	63,234	68,045	1,724	51.8	53.0	53.3	50,452	375,265,320	204,242,722	14,574	4,048	10,526	27.8	33.3
Missouri.....	192,285	102,514	88,456	1,285	46.3	42.4	36.4	64,028	389,470,000	112,565,403	6,083	1,758	4,325	28.9	32.3
North Dakota.....	63,212	30,651	31,727	834	50.9	31.4	48.7	19,187	213,642,933	47,841,587	11,263	2,493	8,642	22.4	36.3
South Dakota.....	57,984	35,101	21,691	1,192	38.2	36.7	52.4	11,313	154,749,490	32,771,359	13,679	2,897	10,782	21.2	38.6
Nebraska.....	79,250	47,435	30,839	976	39.4	45.4	52.0	19,778	268,308,920	62,373,472	14,676	3,154	11,322	21.8	32.4
Kansas.....	111,108	60,582	49,249	1,277	44.8	41.8	55.5	30,442	287,082,217	70,819,736	9,430	2,326	7,104	24.7	36.0
SOUTH ATLANTIC:															
Delaware.....	6,178	3,817	2,264	97	37.2	36.5	29.4	2,021	8,801,976	3,068,721	4,355	1,518	2,837	34.9	44.0
Maryland.....	33,519	21,084	12,127	308	36.5	36.8	30.0	10,754	44,398,721	15,673,773	4,129	1,457	2,672	35.3	38.5
District of Columbia.....	118	93	21	4	18.4	18.9	4.1	20	233,400	56,100	11,670	2,805	8,865	24.0	32.8
Virginia.....	133,664	111,474	21,182	1,008	16.0	14.7	3.2	17,410	62,377,247	15,440,291	3,583	887	2,696	24.8	47.6
West Virginia.....	75,978	66,093	9,825	360	12.6	11.1	13.0	7,878	21,549,125	5,362,533	2,735	710	2,025	26.0	32.2
North Carolina.....	145,320	117,028	26,642	1,650	13.5	15.8	4.9	19,252	42,962,440	9,958,389	2,231	517	1,714	23.2	45.6
South Carolina.....	64,350	47,535	15,020	1,795	24.0	20.6	8.0	11,189	39,593,747	10,109,072	3,539	903	2,636	25.5	50.2
Georgia.....	98,628	78,604	18,257	2,367	19.0	14.7	3.4	13,839	37,526,424	10,988,409	2,712	794	1,918	29.3	31.9
Florida.....	35,399	29,614	5,160	625	14.8	10.3	2.9	4,159	12,884,025	2,709,970	3,908	652	2,446	21.0	41.2
EAST SOUTH CENTRAL:															
Kentucky.....	170,332	135,505	33,039	1,788	19.6	15.2	4.1	25,846	81,315,441	23,411,420	3,146	906	2,240	28.8	40.1
Tennessee.....	144,125	118,285	24,066	1,834	16.9	11.5	3.2	17,362	47,232,059	12,026,330	2,720	727	1,993	26.7	40.1
Alabama.....	103,929	74,504	27,457	1,968	26.9	19.2	4.4	19,280	32,311,461	10,350,557	1,680	538	1,142	32.0	43.8
Mississippi.....	92,066	60,543	29,603	1,830	32.9	27.1	7.7	22,844	42,266,412	13,381,306	1,850	586	1,264	31.7	54.4
WEST SOUTH CENTRAL:															
Arkansas.....	106,649	82,321	22,374	1,954	21.4	14.3	4.2	16,555	35,035,023	8,941,332	2,116	540	1,576	25.5	44.4
Louisiana.....	52,989	42,011	9,834	1,144	19.0	17.7	4.0	7,520	28,771,635	8,950,301	3,826	1,190	2,636	31.1	44.1
Oklahoma.....	85,404	46,889	36,036	2,479	43.5	49.2	.....	24,588	122,327,300	27,384,765	4,975	1,114	3,861	22.4	.....
Texas.....	195,863	128,082	64,008	3,773	33.3	23.4	5.7	48,024	297,880,832	76,089,272	6,203	1,584	4,619	25.5	41.7
MOUNTAIN:															
Montana.....	23,365	18,014	4,820	531	21.1	14.0	15.6	3,990	44,615,154	10,741,280	11,182	2,692	8,490	24.1	31.7
Idaho.....	27,169	17,933	9,010	226	33.4	16.4	16.3	7,694	64,376,068	14,537,103	8,477	1,917	6,560	22.6	30.9
Wyoming.....	9,779	7,815	1,923	41	19.7	12.2	13.1	1,531	16,075,387	4,207,983	10,892	2,749	8,143	25.2	34.6
Colorado.....	36,993	26,822	9,636	535	26.4	27.0	25.5	7,571	77,332,068	18,986,026	10,214	2,508	7,706	24.6	32.4
New Mexico.....	33,398	31,382	1,775	241	5.4	2.3	3.0	1,397	10,683,233	2,890,282	7,647	1,854	5,793	24.2	34.2
Arizona.....	8,203	7,038	1,443	122	12.9	6.0	6.8	813	8,695,498	2,253,252	10,096	2,772	7,324	25.9	40.6
Utah.....	19,762	15,131	4,492	139	22.9	11.1	5.5	3,526	21,319,580	4,564,175	6,046	1,294	4,752	21.4	24.9
Nevada.....	2,175	1,805	361	9	16.7	19.3	17.2	309	4,297,141	1,464,084	13,907	4,738	9,169	34.1	33.1
PACIFIC:															
Washington.....	47,505	30,979	16,026	500	34.1	21.7	26.8	12,715	113,394,798	25,644,531	8,918	2,017	6,901	22.6	28.6
Oregon.....	37,796	24,855	12,632	309	33.7	25.2	23.4	10,274	93,525,449	21,165,627	11,033	2,060	7,943	22.6	29.9
California.....	66,632	39,368													

States in 1910 was 1,327,439, but the number for which statistics regarding the amount of indebtedness have been compiled is only 1,006,511.

No statistics of the amount of mortgage indebtedness on farms were collected at the census of 1900, but such statistics were collected in 1890. In the published reports of that census, however, the amount of mortgage indebtedness on farms with incomplete reports was estimated. Moreover, the farms of owners who rented additional land were included in the statistics. Consequently, the statistics of absolute amounts of mortgage debt for 1890 are not comparable with those for 1910. On the other hand, the ratio which the mortgage indebtedness bears to the value of the mortgaged farms is reasonably comparable for the two censuses.

The total value of the land and buildings of the 1,006,511 farms shown for 1910 was \$6,330,000,000, and the amount of debt was \$1,726,000,000, or 27.3 per cent of the value. The corresponding proportion in 1890, as shown in the reports, was 35.5 per cent, and to make this figure strictly comparable it would presumably have to be increased slightly. There was thus during the 20 years a marked diminution in the

relative importance of mortgage debt. This decline in the ratio of debt to value is primarily due to the very rapid increase in the value of land in farms. The average amount of mortgage indebtedness per farm increased from \$1,224 in 1890 to \$1,715 in 1910, but the average owner's equity per farm increased from \$2,220 to \$4,574, or more than doubled.

In 1910 there was no very great difference among the several geographic divisions with respect to the ratio of indebtedness to the value of land and buildings, the highest ratio being 34.5 per cent in the Middle Atlantic division, and the lowest 23.4 per cent in the Pacific division. In every division the ratio of indebtedness to value was materially lower in 1910 than in 1890, when in five of the divisions it exceeded 40 per cent.

Statistics by states.—Table 11 presents, by divisions and states, statistics of the number of farms mortgaged for 1910, with comparative percentages for 1900 and 1890, and of the value of mortgaged farms and the amount of mortgage debt for 1910, with comparative percentages for 1890. The percentages showing the relative number of mortgaged farms in each state in 1910 are shown graphically in the diagram on page 293.

COLOR AND NATIVITY OF FARMERS.

Number of native white, foreign-born white, and colored farmers, by tenure: 1910.—Table 14, on the opposite page, shows, for each geographic division and state, the number of farms in 1910 operated by native whites, foreign-born whites, and colored persons (negroes, Indians, Chinese, and Japanese), respectively, the farms in each group being further classified according to the tenure of the operator. The diagram shows, by states, the number of farms classified by color and nativity of operator in 1910.

Table 12 shows the percentage of the total number of farm operators in each geographic division in 1910 represented by native whites, foreign-born whites, and colored persons, respectively, and also a similar distribution of the farm owners and of the farm tenants. The distribution of farm managers, which is less significant on account of their small number, is not shown.

Table 12

DIVISION.	PER CENT OF ALL FARM OPERATORS.			PER CENT OF FARM OWNERS.			PER CENT OF FARM TENANTS.		
	Native whites.	Foreign-born whites.	Negroes and other nonwhites.	Native whites.	Foreign-born whites.	Negroes and other nonwhites.	Native whites.	Foreign-born whites.	Negroes and other nonwhites.
United States.....	75.0	10.5	14.5	80.1	13.8	6.1	66.2	5.0	28.8
New England.....	85.3	14.5	0.2	85.6	14.2	0.2	82.6	17.1	0.3
Middle Atlantic.....	89.5	10.1	0.4	89.1	10.5	0.4	91.1	8.4	0.5
East North Central.....	82.7	16.7	0.5	79.9	19.7	0.5	90.3	9.1	0.6
West North Central.....	74.8	24.3	0.9	70.4	28.6	1.0	84.4	14.9	0.7
South Atlantic.....	67.4	0.6	32.0	81.8	1.0	17.2	50.2	0.2	49.6
East South Central.....	68.3	0.5	31.2	87.7	0.8	11.5	49.5	0.2	50.4
West South Central.....	73.4	4.4	22.2	81.0	5.9	13.1	66.6	3.1	30.4
Mountain.....	78.5	17.1	4.4	78.0	17.2	4.8	81.7	16.7	1.7
Pacific.....	69.8	27.7	2.5	69.9	28.7	1.4	67.9	24.1	8.0

Of the 6,361,502 farms in the United States as a whole in 1910, 4,771,063, or 75 per cent, were operated by native white farmers; 669,556, or 10.5 per cent, by foreign-born whites; and 920,883, or 14.5 per cent, by negroes and other nonwhites. These percentages may be compared with those showing the distribution of the total male population of voting age. Of the males 21 years of age and over in the United States in 1910, 65.6 per cent were native whites, 24.6 per cent foreign-born whites, and 9.8 per cent colored.

The colored farmers are for the most part in the Southern states. In the South Atlantic and East South Central divisions nearly one-third of the farm operators are colored, and in the West South Central between one-fourth and one-fifth; while in each of the four divisions constituting the North the proportion is below 1 per cent, and in the Mountain and Pacific divisions (where this class of farmers is made up chiefly

of Indians, Chinese, and Japanese) the proportions are only 4.4 per cent and 2.5 per cent, respectively. Nearly all of the foreign-born white farmers are in the North and West.

NUMBER OF FARMS, CLASSIFIED BY COLOR AND NATIVITY OF OPERATOR: 1910.

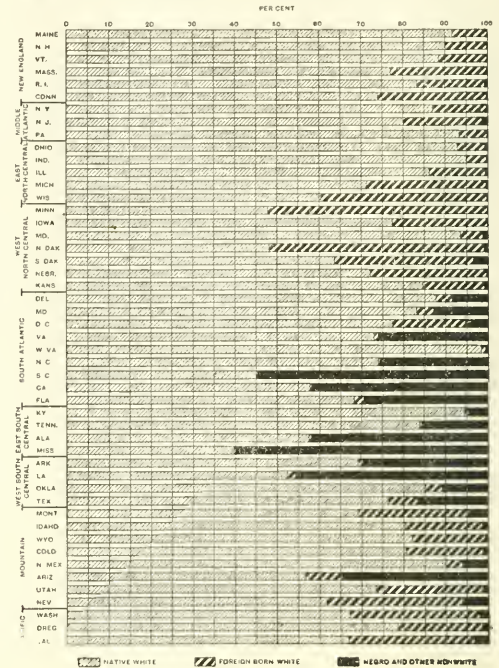


Table 13 shows the proportion of the native white, foreign-born white, and colored farm operators, respectively, who were in each of the three general tenure groups in 1910.

Table 13

DIVISION.	PER CENT OF NATIVE WHITE FARM OPERATORS.			PER CENT OF FOREIGN-BORN WHITE FARM OPERATORS.			PER CENT OF NEGRO AND OTHER NON-WHITE FARM OPERATORS.		
	Owners.	Tenants.	Managers.	Owners.	Tenants.	Managers.	Owners.	Tenants.	Managers.
United States.....	66.3	32.7	1.0	81.4	17.6	1.0	26.2	73.6	0.2
New England.....	89.6	7.7	2.7	87.2	9.3	3.5	79.2	15.2	5.6
Middle Atlantic.....	75.4	22.7	1.9	79.0	18.6	2.4	72.1	24.2	3.7
East North Central.....	69.5	29.5	1.0	84.6	14.7	0.7	68.4	30.3	1.3
West North Central.....	64.3	34.8	0.9	80.7	18.9	0.4	71.7	24.5	0.8
South Atlantic.....	64.8	34.1	1.0	84.9	11.7	3.4	28.7	71.1	0.2
East South Central.....	62.9	36.7	0.4	81.1	17.8	1.2	18.1	81.9	0.1
West South Central.....	51.6	47.8	0.6	62.7	36.8	0.5	27.0	72.3	0.1
Mountain.....	87.1	11.2	1.7	88.3	10.4	1.3	95.6	4.1	0.3
Pacific.....	80.1	16.8	3.1	83.1	15.0	1.9	43.8	54.5	1.7

FARM OPERATORS CLASSIFIED BY COLOR AND NATIVITY AND BY TENURE, BY DIVISIONS AND STATES: 1910.

Table 14 DIVISION OR STATE.	ALL FARM OPERATORS.				NATIVE WHITE FARM OPERATORS.				FOREIGN-BORN WHITE FARM OPERATORS.				NEGRO AND OTHER NONWHITE FARM OPERATORS.			
	Total.	Owners.	Tenants.	Man-agers.	Total.	Owners.	Tenants.	Man-agers.	Total.	Own-ers.	Ten-ants.	Man-agers.	Total.	Own-ers.	Ten-ants.	Man-agers.
United States	6,361,502	3,948,722	2,354,678	58,104	4,771,063	3,162,584	1,558,392	50,087	888,558	544,917	118,186	6,473	920,983	241,221	878,118	1,544
GEOGRAPHIC DIVISIONS:																
New England.....	188,802	168,408	15,015	5,379	161,009	144,212	12,395	4,402	27,451	23,925	2,568	958	342	271	52	19
Middle Atlantic.....	468,379	355,030	104,271	9,072	419,342	316,426	95,030	7,886	47,076	37,196	8,760	1,114	1,961	1,414	475	72
East North Central.....	1,123,459	809,044	303,597	10,848	929,619	646,032	274,112	9,475	188,153	150,104	27,750	1,299	5,717	3,908	1,735	74
West North Central.....	1,109,948	758,946	342,618	8,384	830,642	534,260	289,255	7,127	269,442	217,317	50,944	1,181	9,864	7,369	2,419	76
South Atlantic.....	1,111,881	593,154	510,429	8,298	748,878	485,134	256,412	7,332	7,141	6,059	836	246	355,862	101,961	253,181	720
East South Central.....	1,042,480	510,452	528,738	3,290	712,443	447,808	261,650	2,985	4,819	3,907	856	56	325,218	58,737	266,232	249
West South Central.....	943,186	440,905	497,585	4,696	602,624	357,128	331,233	4,263	41,501	26,008	15,291	202	209,961	57,769	151,061	231
Mountain.....	183,446	160,844	19,600	2,912	143,991	125,426	16,079	2,186	31,427	27,743	3,280	404	8,028	7,675	331	22
Pacific.....	189,891	151,933	32,733	5,225	132,515	106,158	22,226	4,131	52,546	43,658	7,875	1,013	4,830	2,117	2,632	81
NEW ENGLAND:																
Maine.....	60,016	56,454	2,563	999	55,014	51,798	2,286	936	4,973	4,631	274	68	29	25	3	1
New Hampshire.....	27,053	24,493	1,879	681	24,347	22,143	1,612	592	2,691	2,338	265	88	15	12	2	1
Vermont.....	32,709	28,065	4,008	626	28,908	24,789	3,603	576	3,721	3,250	403	59	20	17	2	1
Massachusetts.....	36,917	32,675	2,979	1,863	28,431	24,857	2,173	1,401	8,362	7,109	795	458	124	109	11	4
Rhode Island.....	5,292	4,087	954	251	4,408	3,466	743	199	843	592	199	52	41	29	12	.....
Connecticut.....	26,815	23,234	2,432	949	19,841	17,159	1,978	704	6,861	5,996	432	233	113	79	22	12
MIDDLE ATLANTIC:																
New York.....	215,597	166,674	44,872	4,051	187,029	144,850	39,389	3,390	27,029	21,016	5,306	647	939	808	117	14
New Jersey.....	33,487	24,433	8,294	1,060	26,796	18,833	7,137	826	6,215	5,035	973	207	476	265	184	27
Pennsylvania.....	219,295	164,229	51,105	3,961	204,917	132,743	48,504	3,670	13,832	11,445	2,407	260	546	341	174	31
EAST NORTH CENTRAL:																
Ohio.....	272,045	192,104	77,188	2,753	232,465	176,502	73,598	2,545	17,450	14,289	2,981	180	1,950	1,313	609	28
Indiana.....	215,483	148,501	64,657	2,297	204,951	139,869	62,878	2,204	9,729	8,160	1,411	78	805	472	318	15
Illinois.....	251,872	145,107	104,379	2,384	217,053	123,907	91,014	2,132	33,394	20,411	12,747	239	1,425	789	618	18
Michigan.....	206,960	172,310	32,659	1,904	147,790	118,660	27,609	1,521	58,224	52,865	4,928	431	946	785	152	9
Wisconsin.....	177,127	151,022	24,654	1,451	107,180	87,094	19,013	1,073	69,356	63,379	5,603	374	591	549	28	4
WEST NORTH CENTRAL:																
Minnesota.....	156,137	122,104	32,811	1,222	74,710	52,427	21,446	837	81,134	69,485	11,268	383	293	194	97	2
Iowa.....	217,044	133,003	82,115	1,926	167,856	98,615	67,547	1,694	48,987	34,252	14,505	230	201	136	63	2
Missouri.....	277,244	192,285	80,698	2,001	259,111	177,620	79,609	1,882	14,467	12,556	1,833	78	3,666	2,109	1,516	41
North Dakota.....	74,360	63,212	10,644	484	35,750	29,082	6,352	316	37,867	33,403	4,298	166	743	727	14	2
South Dakota.....	77,644	57,984	19,231	429	49,360	35,011	14,024	325	25,476	20,237	5,142	97	2,808	2,736	65	7
Nebraska.....	129,678	79,250	49,441	987	93,509	52,357	40,296	856	35,707	26,524	9,053	130	462	369	92	1
Kansas.....	177,841	111,108	65,398	1,335	150,346	89,148	59,981	1,217	25,804	20,862	4,845	97	1,691	1,088	572	21
SOUTH ATLANTIC:																
Delaware.....	10,836	6,178	4,335	123	9,504	5,448	3,956	100	410	324	79	7	922	406	500	16
Maryland.....	48,923	33,519	14,416	968	40,609	28,047	11,797	825	1,882	1,522	284	76	6,372	3,950	2,335	87
District of Columbia.....	217	118	84	15	168	82	75	11	37	28	6	3	12	8	3	1
Virginia.....	184,018	133,664	48,729	1,625	134,155	99,862	32,884	1,409	1,749	1,574	139	30	48,114	32,228	15,706	140
West Virginia.....	96,685	75,978	19,835	872	95,138	74,674	19,606	858	839	746	86	7	708	558	143	7
North Carolina.....	253,725	145,320	107,287	1,118	187,657	123,510	63,115	1,032	412	367	33	12	65,656	21,443	44,139	74
South Carolina.....	176,434	64,350	111,221	863	79,424	43,834	34,862	728	212	144	64	4	96,798	20,372	76,295	131
Georgia.....	291,027	98,628	190,980	1,419	168,083	82,634	84,167	1,282	385	296	73	14	122,559	15,698	106,738	123
Florida.....	50,016	35,399	13,342	1,275	34,080	27,943	5,959	1,087	1,215	1,068	79	87	14,721	7,298	7,322	101
EAST SOUTH CENTRAL:																
Kentucky.....	259,185	170,332	87,860	993	245,499	162,736	81,837	926	1,956	1,667	262	27	11,730	5,929	5,761	40
Tennessee.....	206,012	144,125	101,061	826	206,821	132,710	73,347	764	883	715	157	11	38,308	10,700	27,557	51
Alabama.....	262,901	103,929	158,326	646	151,214	85,734	64,894	586	1,244	1,113	123	8	110,443	17,082	93,309	52
Mississippi.....	274,382	92,066	181,491	825	108,909	66,628	41,572	709	736	412	314	10	164,737	25,026	139,605	166
WEST SOUTH CENTRAL:																
Arkansas.....	106,649	107,266	763	148,627	89,839	58,081	707	2,458	2,148	300	10	63,593	14,662	48,885	46	
Louisiana.....	120,546	52,989	66,607	950	63,236	40,815	21,587	834	2,431	1,449	943	39	54,879	10,725	44,077	77
Oklahoma.....	190,192	85,404	104,137	651	161,773	68,564	92,607	602	7,748	5,690	2,036	22	20,671	11,150	9,494	27
Texas.....	417,770	195,863	219,575	2,332	318,988	157,910	158,958	2,120	28,864	16,721	12,012	131	69,918	21,232	48,605	81
MOUNTAIN:																
Montana.....	26,214	23,365	2,344	505	15,165	13,985	1,771	409	6,853	6,213	547	93	1,196	1,167	26	3
Idaho.....	30,807	27,169	3,188	450	24,694	21,514	2,781	399	5,708	5,312	345	51	405	343	62	.....
Wyoming.....	10,987	9,779	897	311	9,019	7,965	795	259	1,903	1,753	99	51	65	61	3	1
Colorado.....	46,170	36,993	8,390	787	37,198	29,801	6,711	686	8,398	6,726	1,572	100	574	466	107	1
New Mexico.....	35,676	33,398	1,957	321	32,088	30,046	1,742	300	1,440	1,231	192	17	2,148	2,121	23	4
Arizona.....	9,227	8,203	861	163	5,218	4,410	683	125	806	644	135	27	3,203	3,149	43	11
Utah.....	21,676	19,762	1,720	194	15,948	14,380	1,404	164	5,452	5,166	257	29	276	216	39	1
Nevada.....	2,689	2,175	333	181	1,661	1,325	192	144	867	698	133	36	161	152	8	1
PACIFIC:																
Washington.....	56,192	47,505	7,726	961	37,770	31,163	5,838	769	17,297	15,641	1,475	181	1,125	701	413	11
Oregon.....	45,502	37,796	6,859	847	35,819	29,215	5,883	721	9,056	8,103	835	118	627	478	141	8
California.....	88,197	66,632	18,1													

Table 13 brings out the fact that in each of the geographic divisions except New England a larger proportion of the foreign-born white farmers than of the native white own their farms, the percentages for the United States as a whole in 1910 being, respectively, 81.4 and 66.3. This difference is largely due to the fact that the foreign-born white farmers are on the average considerably older than the native white. Most of the former have been in this country a good many years, as comparatively few of the more recent immigrants have gone to the farms. A large proportion of the native white tenants consist of young men,

sons of farmers, who have only recently begun the independent operation of farms, and who expect to buy land later. In the country as a whole the proportion of owners is very much lower among colored farmers (26.2 per cent in 1910) than among either the native white or the foreign-born white; but there is a great difference in this respect between the South and the rest of the country.

Number of farmers, classified by color: 1910 and 1900.—Table 15 shows by geographic divisions, for 1910 and 1900, the number of farm operators who were whites, negroes, Indians, Chinese, and Japanese, respectively.

DIVISION.	ALL FARM OPERATORS.		WHITE FARM OPERATORS.		COLORED FARM OPERATORS.									
	1910	1900	1910	1900	Total.		Negroes.		Indians.		Chinese.		Japanese.	
					1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
United States.....	6,361,502	5,737,372	5,440,619	4,969,608	920,883	767,764	893,364	746,715	24,237	19,910	760	1,100	2,502	39
New England.....	188,802	191,888	188,460	191,594	342	294	310	294	32	29	1	1	8	.....
Middle Atlantic.....	468,379	485,618	466,418	483,772	1,961	1,846	1,310	1,497	638	337	5	12	8	.....
East North Central.....	1,123,489	1,135,823	1,117,772	1,129,810	5,717	6,013	4,843	5,179	870	830	2	4	2	.....
West North Central.....	1,109,948	1,060,744	1,100,084	1,049,857	3,864	10,887	5,603	7,076	4,238	3,807	2	4	21	.....
South Atlantic.....	1,114,881	962,225	756,019	673,554	355,862	288,871	354,530	287,953	1,303	935	13	3	16	.....
East South Central.....	1,042,480	963,313	717,262	635,418	325,218	267,895	324,885	267,530	332	365	1	.....	.....	.....
West South Central.....	943,186	754,853	734,125	570,949	209,061	183,904	201,422	176,899	7,584	6,989	10	16	45	.....
Mountain.....	183,446	101,827	175,418	96,521	8,028	4,806	218	133	7,524	4,551	91	122	195	.....
Pacific.....	189,891	141,581	185,061	138,353	4,830	3,248	263	204	1,716	2,067	636	938	2,215	39

In the country as a whole the number of negro farmers increased much more rapidly between 1900 and 1910 than that of white farmers, the respective percentages of increase being 19.6 and 9.5. Only 1.4 per cent of all the negro farmers in 1910 were outside of the three divisions constituting the South, and it is noteworthy that the number in the North was smaller in 1910 than in 1900. The number of Chinese

and Japanese farmers at both censuses was small but the latter made a remarkable increase during the decade, while the former fell off considerably in number.

Country of birth of white farmers: 1910.—Table 16 shows, for 1910, by geographic divisions, the number of white farm operators born in each of the leading countries from which the United States receives immigrants.

DIVISION.	WHITE FARM OPERATORS.											
	Total.	Born in United States.	Born in foreign countries.									Germany.
			Total.	Austria.	Hungary.	Great Britain and Ireland.			France.	Wales.		
						Total.	England.	Ireland.	Scotland.			
United States.....	5,440,619	4,763,256	669,556	33,336	3,827	87,538	39,728	33,480	10,220	4,110	5,832	221,800
New England.....	188,460	181,196	27,461	845	248	7,022	2,429	1,751	714	198	306	2,481
Middle Atlantic.....	466,418	417,730	47,076	1,868	538	14,470	5,716	7,103	999	652	668	15,061
East North Central.....	1,117,772	927,524	188,153	6,832	840	20,800	10,332	7,466	2,660	922	1,353	79,813
West North Central.....	1,100,084	828,467	269,442	14,761	1,394	21,950	8,835	9,094	2,786	1,255	1,173	87,935
South Atlantic.....	756,019	748,411	7,144	344	165	2,141	1,134	633	313	61	112	8,655
East South Central.....	717,262	712,116	4,819	121	62	1,072	467	367	120	18	108	1,930
West South Central.....	734,125	691,971	41,501	6,173	264	2,853	1,558	781	417	97	650	15,420
Mountain.....	175,418	143,669	31,427	1,021	147	8,340	4,932	1,484	1,362	562	355	5,147
Pacific.....	185,061	132,142	52,546	1,331	169	8,520	4,355	2,701	1,429	335	1,107	10,488

DIVISION.	Born in foreign countries—Continued.											Country of birth not reported.	
	Holland.	Italy.	Russia.	Poland.	Scandinavian countries.				Switzerland.	Other European countries.	Canada.		
					Total.	Denmark.	Norway.	Sweden.					
United States.....	13,790	10,614	25,788	7,223	155,570	28,375	59,742	67,453	14,333	17,689	61,878	10,333	7,807
New England.....	75	652	1,169	372	2,278	390	141	1,747	207	948	10,611	169	813
Middle Atlantic.....	1,143	2,310	1,919	411	2,308	553	109	2,246	825	370	5,807	91	1,612
East North Central.....	6,710	654	1,941	3,466	32,560	5,739	13,330	13,491	4,062	4,527	24,262	291	2,095
West North Central.....	4,827	404	16,245	2,179	95,475	14,846	41,015	39,614	3,863	5,331	13,356	549	1,175
South Atlantic.....	52	214	143	69	407	124	93	190	247	75	443	94	467
East South Central.....	26	392	44	27	382	73	64	245	301	84	148	42	327
West South Central.....	139	2,089	1,856	562	2,275	491	404	1,381	712	847	6,988	653	653
Mountain.....	393	1,067	1,058	47	8,407	3,097	1,683	3,627	1,023	593	3,638	791	292
Pacific.....	425	2,772	1,583	95	10,877	3,062	2,903	4,912	2,993	4,910	5,366	1,510	373

¹ Includes those born at sea.

The foreign countries which have contributed the largest number of farm operators to the United States are Germany, Sweden, Canada, Norway, England, Ireland, Austria, Denmark, and Russia, in the order named. It should be noted that this order by no means corresponds to the order in which the various foreign countries have contributed to the total population of the United States.

The immigrants from certain countries, notably Ireland, Italy, and Russia, have nearly all gone into pursuits other than agricultural.

Color and tenure of farmers in the South: 1910 and 1900.—On account of the large number of colored farmers in the South, more detailed statistics regarding the two principal race groups are presented for that section than for the North and West.

Table 17 shows, for the South as a whole and for each of the geographic divisions composing it, the number, total and improved acreage, and value of land and buildings in 1910 and 1900, for farms of

white and colored farmers, respectively, with a further classification according to tenure. It also shows, by percentages, the distribution of the respective totals between the two color groups and among the six subgroups formed by combination of the color classification with that according to color.

In the South as a whole in 1910 white farmers constituted 71.3 per cent of the total number of farmers and colored farmers 28.7 per cent. Of the total farm acreage, however, 88 per cent was in farms operated by white and 12 per cent in farms operated by colored farmers; and of the improved land in farms, 81.6 per cent was in farms operated by white farmers and 18.4 per cent in farms operated by colored farmers.

Whites constituted a smaller proportion of the total number of farmers and the farms operated by them contained a smaller proportion of the total land in farms in 1910 than in 1900, but there was no change in the proportion of improved land in farms operated by the two race groups.

DIVISION AND CLASS OF OPERATOR.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.		PER CENT OF TOTAL.							
	1910	1900	1910	1900	1910	1900	1910	1900	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
									1910	1900	1910	1900	1910	1900	1910	1900
THE SOUTH	3,087,547	2,620,391	354,452,860	362,056,351	150,690,852	128,108,093	\$7,353,431,195	\$3,279,021,509	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White farmers:																
Total.....	2,207,406	1,878,721	311,843,743	323,424,305	122,955,109	102,899,486	6,453,298,861	8,208,740,541	71.3	71.7	88.0	89.3	81.6	81.6	87.8	88.4
Owned.....	1,826,044	1,183,596	214,923,093	219,756,484	79,382,541	69,940,143	4,223,935,087	1,947,821,958	42.8	45.2	60.6	57.9	52.8	55.5	57.4	59.4
Managers.....	15,084	17,172	24,316,249	50,877,426	3,126,093	3,051,584	367,948,147	220,573,870	6.5	6.7	6.9	14.1	2.1	2.4	5.0	6.7
Tenants.....	866,278	678,743	72,603,801	62,790,395	40,246,475	29,901,759	1,861,415,627	730,344,723	28.0	25.9	20.5	17.3	26.7	23.7	25.3	22.3
Colored farmers:																
Total.....	890,141	740,670	42,609,117	38,612,046	27,735,743	23,214,607	900,132,334	380,280,968	28.7	28.3	12.0	10.7	18.4	18.4	12.2	11.6
Owned.....	218,467	186,676	15,691,536	13,358,084	7,531,119	6,026,805	272,992,238	106,619,328	7.1	7.1	4.4	3.7	5.0	4.8	3.7	3.6
Managers.....	1,200	1,563	349,779	428,518	108,249	127,742	10,371,949	5,544,310	(1)	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Tenants.....	670,474	562,401	26,567,802	24,824,544	20,096,575	17,060,060	616,778,148	248,117,330	21.6	21.1	7.5	6.9	13.3	13.5	8.4	8.2
South Atlantic.	1,111,881	962,225	103,782,255	104,297,506	48,479,733	46,100,226	2,436,436,474	1,206,349,618	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White farmers:																
Total.....	756,019	673,354	85,106,873	88,660,241	37,489,664	37,204,364	2,118,729,406	1,072,961,860	68.0	70.0	83.0	85.0	77.3	80.7	85.2	88.9
Owned.....	491,193	442,396	63,463,405	64,498,437	26,148,220	25,700,843	1,487,725,962	741,156,350	43.2	40.0	61.2	61.8	53.9	55.7	59.8	61.4
Managers.....	7,578	8,145	3,219,019	3,260,530	1,167,797	1,220,873	119,811,609	60,596,740	0.7	0.8	3.1	3.1	2.4	2.6	4.8	5.0
Tenants.....	257,248	222,813	19,404,449	20,901,274	10,173,547	10,282,648	511,192,135	271,205,770	23.1	23.2	18.7	20.0	21.9	22.9	20.6	22.5
Colored farmers:																
Total.....	355,862	288,871	17,675,382	15,637,265	10,990,069	8,895,862	367,707,068	133,387,798	32.0	30.0	17.0	15.0	22.7	19.3	14.8	11.1
Owned.....	101,961	85,116	5,646,378	4,627,459	2,665,947	2,069,232	105,588,619	36,882,906	9.2	8.8	5.4	4.2	5.6	4.6	4.2	3.1
Managers.....	720	979	148,371	201,074	61,287	66,764	5,727,681	2,937,580	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2
Tenants.....	253,181	202,785	11,889,633	11,008,752	8,232,835	6,729,866	256,410,768	93,467,270	22.8	21.1	11.5	10.6	17.0	14.6	10.3	7.7
East South Central.	1,042,486	930,313	81,620,629	81,247,843	43,946,846	40,237,337	1,738,337,839	933,780,823	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White farmers:																
Total.....	717,202	635,418	67,924,912	68,626,325	34,390,317	32,045,709	1,458,730,081	802,327,213	68.8	70.3	83.3	84.5	78.3	79.0	83.9	85.9
Owned.....	451,715	413,775	52,592,020	53,543,623	25,170,277	23,660,079	1,064,815,512	588,307,473	43.3	45.8	64.5	65.9	57.3	58.8	61.3	63.0
Managers.....	3,041	4,372	1,827,107	1,503,062	532,554	614,397	45,025,391	26,246,880	0.3	0.3	1.9	1.9	1.3	1.5	2.6	2.8
Tenants.....	262,556	217,271	13,665,785	13,519,640	8,607,486	7,771,253	348,889,378	188,462,860	23.2	22.7	16.7	16.6	19.7	19.3	20.1	20.1
Colored farmers:																
Total.....	325,218	267,895	13,695,711	12,612,318	9,556,529	8,191,628	279,607,758	133,450,610	31.2	29.7	16.7	15.5	21.7	20.4	16.1	14.1
Owned.....	56,737	49,911	4,639,952	3,857,853	2,133,645	1,714,020	70,937,214	28,539,910	5.6	5.5	5.6	4.7	5.6	4.3	4.1	3.1
Managers.....	249	324	76,360	60,388	26,237	25,866	2,372,270	1,282,910	(1)	(1)	0.1	0.1	0.1	0.1	0.1	0.1
Tenants.....	266,322	217,660	8,979,405	8,733,877	7,316,647	6,451,742	206,158,274	101,630,790	25.5	24.1	11.0	10.7	16.6	16.6	11.9	10.9
West South Central.	943,186	754,853	169,149,976	176,491,202	58,264,273	39,770,530	3,128,386,832	1,138,891,063	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White farmers:																
Total.....	734,125	570,949	157,811,958	160,137,730	51,075,128	33,643,413	2,875,839,374	1,023,451,468	77.8	75.6	93.3	94.1	87.7	84.6	91.9	89.9
Owned.....	383,136	327,635	98,848,268	91,714,424	28,263,944	20,579,221	1,671,394,113	618,628,135	40.6	43.4	58.4	52.0	48.5	51.7	53.4	54.3
Managers.....	4,465	4,655	19,670,123	46,063,834	1,405,742	1,216,314	203,111,147	130,730,240	0.5	0.6	11.6	26.1	2.4	3.1	4.5	11.7
Tenants.....	346,524	238,659	39,093,567	28,399,481	21,405,442	11,847,878	1,001,334,114	271,093,093	36.7	31.0	23.3	15.6	36.7	29.8	32.0	23.8
Colored farmers:																
Total.....	209,061	183,904	11,338,018	10,353,463	7,189,145	6,127,117	252,757,508	115,439,600	22.2	24.4	6.7	5.9	12.3	15.4	8.1	10.1
Owned.....	57,769	51,649	5,905,206	5,093,392	2,621,527	2,213,553	96,486,405	41,096,510	6.1	6.3	3.9	4.5	5.6	3.1	3.6	
Managers.....	221	290	128,048	167,056	29,725	35,132	2,771,398	1,329,830	(1)	(1)	0.1	0.1	0.1	0.1	0.1	0.1
Tenants.....	151,061	131,956	5,704,764	5,033,015	4,546,893	3,878,452	154,199,105	73,019,270	16.0	17.5	3.4	2.9	7.8	9.8	4.9	6.4

¹ Less than one-tenth of 1 per cent.

Table 18, on the following page, shows percentages of increase based on the preceding table.

The number of colored farmers in the South increased 20.2 per cent during the decade 1900 to 1910, as compared with an increase of 17.4 per cent

in the number of white farmers. The acreage of land in farms operated by white farmers decreased somewhat in each geographic division of the South, while the acreage in farms operated by colored farmers increased in each of the three divisions, the percentages

ranging from 7.7 to 13. In the South as a whole the value of land and buildings of farms operated by white farmers increased 122.6 per cent during the decade, as compared with an increase of 136.7 per cent for farms operated by colored farmers; in the West South Central division, however, the percentage of increase was higher for farms of white farmers than for those of colored farmers.

The number of tenants in the South, both white and colored increased more rapidly between 1900 and 1910 than the number of farm owners. In the case of farms operated by white farmers, the total acreage, improved acreage and value of land and buildings also increased more rapidly for tenant farms than for those operated by owners, while the opposite was true of farms operated by colored farmers.

Table 18

PER CENT OF INCREASE: 1900 TO 1910

DIVISION AND CLASS OF OPERATOR.	Number of farms.			All land in farms.				Improved land in farms.				Value of land and buildings.				
	Total.	Own-ers.	Man-agers.	Ten-ants.	Total.	Own-ers.	Man-agers.	Ten-ants.	Total.	Own-ers.	Man-agers.	Ten-ants.	Total.	Own-ers.	Man-agers.	Ten-ants.
The South:																
White farmers.....	17.4	12.0	-12.2	27.6	-3.6	2.5	-52.2	15.6	19.5	13.8	2.4	34.6	122.6	116.9	66.8	154.9
Colored farmers.....	20.2	17.0	-24.7	21.4	10.4	17.5	-18.4	7.0	19.5	25.0	-15.3	17.8	156.0	87.1	130.0	130.0
SOUTH ATLANTIC:																
White farmers.....	12.3	11.0	-7.0	15.5	-2.9	-1.6	-1.3	-7.2	0.8	1.7	-4.3	-1.1	97.5	100.7	97.7	88.5
Colored farmers.....	23.2	19.8	-25.8	24.9	13.0	27.5	-27.7	7.9	23.5	28.4	-8.2	22.3	175.7	185.5	95.0	174.3
EAST SOUTH CENTRAL:																
White farmers.....	12.9	9.2	-30.4	20.8	-1.0	-1.8	-2.3	2.1	7.3	6.4	-10.1	11.5	81.8	81.1	71.5	85.5
Colored farmers.....	21.4	17.7	-23.1	22.3	7.7	18.3	26.4	2.9	16.7	29.1	1.4	13.4	112.8	100.5	102.9	102.9
WEST SOUTH CENTRAL:																
White farmers.....	28.6	16.9	-4.1	45.2	-5.0	7.8	-57.5	38.9	51.8	37.3	15.6	80.7	181.0	170.2	51.9	269.4
Colored farmers.....	13.7	11.8	-22.7	14.5	9.5	8.1	-23.4	12.0	17.3	18.4	-41.0	17.2	119.0	134.8	56.5	111.2

1 A minus sign (-) denotes decrease.

In Table 19 the number, total and improved acreage, and value of land and buildings of farms operated by white farmers are distributed by percentages among the three tenure classes, and a corresponding distribution is made for the farms operated by colored farmers. The percentages therefore have a different significance from those shown in Table 17, and afford a more convenient means of comparing conditions among the white and the colored farmers.

In 1910, 60.1 per cent of the white farmers in the South as a whole were owners, as against 24.5 per cent of the colored farmers. The proportion of the total farm acreage which was in farms operated by owners was 68.9 per cent for farms operated by white farmers and 36.8 per cent for farms operated by colored farmers.

The changes between 1900 and 1910 with regard to the number, acreage, and value of farms operated by the two race groups, respectively, in the South Atlantic and East South Central divisions were quite different from those in the West South Central division.

In the South as a whole, among both white and colored farm operators, owners reported a larger proportion of the total farm acreage in 1910 than in 1900. In the case of white farmers the proportion of land in tenant farms also increased, while there was a marked decrease in the proportion of land in farms operated by white managers (mainly due to a large decrease in the West South Central division). In the case of colored farmers however the proportion of land which was in tenant farms was lower in 1910 than in 1900.

Table 19

PER CENT OF TOTAL.

DIVISION AND CLASS OF OPERATOR.	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
THE SOUTH								
White farmers:								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	60.1	68.0	61.9	64.9	64.7	68.0	65.5	67.2
Managers.....	0.7	0.9	7.8	15.7	2.5	3.0	5.7	7.6
Tenants.....	39.2	36.1	23.3	19.4	32.7	29.1	28.8	25.2
Colored farmers:								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	24.5	25.2	36.8	34.6	27.2	26.0	30.3	28.0
Managers.....	0.1	0.2	0.8	1.1	0.4	0.6	1.2	1.5
Tenants.....	75.3	74.6	62.4	64.3	72.5	73.5	68.5	70.5
SOUTH ATLANTIC.								
White farmers:								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	65.0	65.7	73.7	72.7	69.7	69.1	70.2	69.1
Managers.....	1.0	1.2	5.7	5.7	3.1	3.3	5.7	5.6
Tenants.....	34.0	33.1	22.5	23.6	27.1	27.6	24.1	25.3
Colored farmers:								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	28.7	29.5	31.9	30.4	24.5	23.6	28.7	27.7
Managers.....	0.2	0.3	0.8	1.3	0.6	0.8	1.6	2.2
Tenants.....	71.1	70.2	67.2	70.4	74.9	75.7	69.7	70.1
EAST SOUTH CENTRAL.								
White farmers:								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	63.0	65.1	77.4	78.0	73.2	73.8	73.0	73.3
Managers.....	0.6	0.7	2.2	2.3	1.6	1.9	3.1	3.3
Tenants.....	36.6	34.2	20.3	19.7	25.2	24.3	23.9	23.4
Colored farmers:								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	18.1	18.6	32.4	30.4	23.2	20.9	25.4	21.7
Managers.....	0.1	0.1	0.6	0.5	0.3	0.3	0.9	1.0
Tenants.....	81.9	81.2	66.0	69.1	76.6	78.8	73.7	77.3
WEST SOUTH CENTRAL.								
White farmers:								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	52.2	57.4	62.6	55.2	55.3	61.2	58.1	60.4
Managers.....	4.6	0.8	12.4	27.7	2.8	3.6	7.1	13.7
Tenants.....	47.2	41.8	25.0	17.1	41.9	35.2	34.8	26.5
Colored farmers:								
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	23.6	28.1	48.6	49.3	36.5	36.1	38.2	37.6
Managers.....	0.1	0.2	1.1	1.6	0.3	0.6	0.8	1.1
Tenants.....	72.3	71.8	50.3	49.2	63.2	63.3	61.0	63.3

Table 20 shows the average total and improved acreage per farm, the average value of land and buildings per farm and per acre, and the percentage of farm land improved, for farms classified according to the color and tenure of the farmer.

In the South as a whole the average size of the farms operated by white farmers in 1910 (141.3 acres) was nearly three times as great as that of the farms operated by colored farmers (47.9 acres). The difference was less marked in the South Atlantic and East South Central divisions than in the West South Central. The farms operated by white owners comprised on an average 162.1 acres, and those operated by colored owners 71.8 acres, while the farms of white tenants averaged 83.8 acres in size and those of colored tenants 39.6 acres. Between 1900 and 1910 the average size of farms operated by white owners decreased, while that of farms operated by colored owners increased. On the other hand, colored tenants as well as white tenants had smaller farms in 1910 than in 1900.

While the farms of colored farmers are smaller than those of the whites, they consist more largely of improved land. In the South as a whole in 1910 the proportion of improved land for the farms of white farmers was 39.4 per cent, as compared with 65.1 per cent for the farms of colored farmers. The differences in this respect, however, are less conspicuous when farms of similar tenure are compared.

In the South as a whole the average value of land and buildings per acre was in 1910 higher for farms of colored farmers than for those of white farmers—\$21.13 as compared with \$20.69. This is the effect of conditions in the West South Central division, the average value being higher for farms of white farmers in the other two divisions of the South. Between 1900 and 1910 there was a great increase in the average value per acre in the case of farms of all three classes of tenure operated by farmers of both color groups. In the South Atlantic and East South Central divisions the relative increases were in most cases somewhat more marked for farms operated by colored farmers than for those operated by whites, while in the West South Central division the opposite was the case.

In the South as a whole the average value of land and buildings per farm in 1910 for farms operated by white farmers was \$2,923, or nearly three times the average value for farms operated by colored farmers, which was \$1,011. The percentage of increase between 1900 and 1910, however, was somewhat greater in the average value for farms of colored farmers than in that for farms of white farmers.

Table 21, on the next page, shows, for each of the Southern states, the number, total and improved acreage, and value of land and buildings of farms operated by white and by colored farmers, with a further distinction according to tenure.

DIVISION AND CLASS OF OPERATOR.	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land in farms.		Improved land in farms.		1910	1900	Per farm.		Per acre.	
	1910	1900	1910	1900			1910	1900	1910	1900
THE SOUTH										
White farmers:										
Total.....	141.3	172.1	55.7	54.7	39.4	31.8	\$2,923	\$1,542	\$20.69	\$8.98
Owners.....	162.1	177.2	60.0	69.1	37.0	33.3	3,185	1,645	19.65	9.29
Managers.....	1,612.1	2,962.8	207.2	177.7	12.9	6.0	24,393	12,845	15.13	4.34
Tenants.....	83.8	92.5	45.5	44.1	55.4	47.6	2,149	1,076	25.64	11.63
Colored farmers:										
Total.....	47.9	52.1	31.3	31.3	65.1	60.1	1,011	513	21.13	9.85
Owners.....	71.8	71.6	34.5	32.3	48.0	45.1	1,250	571	17.40	7.98
Managers.....	291.5	269.0	90.2	80.2	30.9	29.8	8,643	3,490	29.65	12.94
Tenants.....	39.6	44.9	30.0	30.9	75.6	68.7	820	485	23.21	10.80
SOUTH ATLANTIC.										
White farmers:										
Total.....	113.9	131.7	49.6	55.3	43.5	42.0	2,802	1,593	24.61	12.10
Owners.....	129.2	145.8	53.2	58.1	41.2	39.8	3,029	1,675	23.43	11.49
Managers.....	424.8	400.3	154.1	149.9	36.3	37.4	15,810	7,440	37.22	18.58
Tenants.....	75.4	93.8	39.5	46.1	52.4	49.2	1,987	1,217	26.34	12.98
Colored farmers:										
Total.....	49.7	54.1	30.9	30.8	62.2	56.9	1,033	462	20.80	8.53
Owners.....	55.4	52.0	26.4	24.7	47.7	47.4	1,035	435	18.70	8.35
Managers.....	201.9	207.3	85.1	68.8	42.2	33.2	7,853	3,028	39.40	14.61
Tenants.....	46.9	54.3	32.5	33.2	69.3	61.1	1,013	491	21.58	8.49
EAST SOUTH CENTRAL.										
White farmers:										
Total.....	94.7	108.0	47.9	50.4	50.6	46.7	2,034	1,263	21.43	11.69
Owners.....	116.4	129.4	55.7	57.2	47.9	44.2	2,357	1,421	20.25	10.98
Managers.....	502.2	357.5	181.7	140.5	36.2	39.3	14,806	6,003	29.48	16.79
Tenants.....	52.6	62.2	33.0	35.8	62.8	57.5	1,329	865	25.27	13.91
Colored farmers:										
Total.....	41.8	47.1	29.4	30.6	70.3	64.9	860	491	20.57	10.42
Owners.....	77.3	76.9	37.7	34.3	48.8	44.7	1,208	572	15.63	7.44
Managers.....	306.7	186.4	105.4	79.8	34.4	42.8	10,330	3,950	33.03	21.24
Tenants.....	33.7	46.1	27.5	29.6	81.5	74.0	774	467	22.96	11.65
WEST SOUTH CENTRAL.										
White farmers:										
Total.....	215.0	291.0	69.6	58.9	32.4	20.3	3,917	1,793	18.22	6.16
Owners.....	258.0	279.9	62.8	62.8	28.6	22.4	4,362	1,888	16.91	6.75
Managers.....	4,383.0	9,933.4	314.8	261.3	7.2	2.6	45,490	28,728	10.38	2.90
Tenants.....	114.7	118.9	61.8	49.6	54.3	41.8	2,890	1,136	25.42	9.56
Colored farmers:										
Total.....	54.2	56.3	34.4	33.3	63.4	59.2	1,209	628	22.29	11.15
Owners.....	65.3	98.6	45.4	42.9	47.6	43.5	1,670	796	17.53	8.07
Managers.....	354.3	558.7	89.7	117.4	16.2	21.0	8,970	4,427	16.18	7.93
Tenants.....	37.8	38.6	30.1	29.4	79.7	76.2	1,021	553	27.02	14.34

NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS, CLASSIFIED BY COLOR AND TENURE OF OPERATOR, FOR THE SOUTH, BY STATES: 1910 AND 1900.

Table 21

STATE AND CLASS OF OPERATOR.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.		STATE AND CLASS OF OPERATOR.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900	1910	1900		1910	1900	1910	1900	1910	1900	1910	1900
South Atlantic																	
DELAWARE.																	
White farmers:									South Atlantic—Con.								
Total.....	9,914	8,869	981,893	1,013,662	676,462	651,174	297,487	271,297	FLORIDA—continued.								
Owners.....	5,772	4,348	463,212	411,390	312,803	262,627	516,163	450,816	Colored farmers:	14,721	13,526	768,705	717,200	482,353	\$11,915,568		
Managers.....	107	116	18,769	14,621	15,553	1,630,450	216,927	216,927	Owners.....	7,298	6,532	458,443	404,637	229,961	6,786,810		
Tenants.....	4,035	4,405	499,912	587,651	348,106	22,916,271	1,216,927	1,216,927	Managers.....	101	93	9,974	12,385	4,252	738,880		
Colored farmers:									Tenants.....	7,322	6,881	300,288	300,778	248,240	4,389,868		
Total.....	922	818	56,973	52,566	37,076	1,981,716	547,551	547,551	East South Central								
Owners.....	406	332	13,615	12,373	9,274	2,471,511	1,145,800	1,145,800	KENTUCKY.								
Managers.....	10	15	2,395	1,525	2,034	145,800	1,288,365	1,288,365	White farmers:	247,455	223,420	21,748,350	21,531,566	14,010,777	620,427,464		
Tenants.....	504	471	40,963	38,668	25,768	1,288,365	1,288,365	1,288,365	Owners.....	164,403	150,594	17,207,392	17,098,174	10,900,955	457,684,135		
White farmers:									Managers.....	953	1,543	310,942	353,312	171,131	16,459,067		
Total.....	42,551	40,169	4,696,623	4,795,774	3,136,185	231,467,339	1,216,927	1,216,927	Tenants.....	82,099	71,292	4,230,016	4,080,080	2,938,691	146,284,262		
Owners.....	29,569	26,251	2,783,279	2,698,151	1,906,918	128,885,932	1,216,927	1,216,927	Colored farmers:	11,730	11,238	404,777	447,856	343,694	15,031,908		
Managers.....	901	947	199,930	193,449	120,254	23,296,151	1,216,927	1,216,927	Owners.....	5,929	5,402	255,363	236,150	185,780	7,154,168		
Tenants.....	12,681	12,971	1,721,411	1,903,174	1,209,013	37,296,151	1,216,927	1,216,927	Managers.....	40	63	4,318	8,907	3,577	377,455		
Colored farmers:									Tenants.....	5,761	5,773	181,096	202,799	154,328	7,500,285		
Total.....	6,372	5,843	358,517	374,301	218,582	10,269,784	1,216,927	1,216,927	TENNESSEE.								
Owners.....	3,950	3,262	122,639	101,493	76,564	3,924,773	1,216,927	1,216,927	White farmers:	207,704	190,728	18,435,579	18,791,962	9,728,208	438,330,021		
Managers.....	87	105	13,961	12,938	9,015	1,172,550	1,216,927	1,216,927	Owners.....	133,423	122,771	14,084,961	14,030,163	7,111,807	320,187,872		
Tenants.....	2,335	2,476	223,117	260,869	133,003	5,172,461	1,216,927	1,216,927	Managers.....	775	1,204	317,247	371,788	104,140	10,188,313		
DISTRICT OF COLUMBIA.																	
White farmers:									Tenants.....	73,504	66,734	4,006,071	4,390,023	2,507,261	10,953,336		
Total.....	205	252	5,968	8,181	5,038	8,141,943	1,216,927	1,216,927	Colored farmers:	38,308	33,895	1,606,378	1,550,096	1,182,276	42,192,566		
Owners.....	110	128	2,374	2,779	2,069	2,231,400	1,216,927	1,216,927	Owners.....	10,700	9,426	590,676	493,824	349,692	12,179,780		
Managers.....	14	18	1,452	1,984	1,259	3,232,843	1,216,927	1,216,927	Managers.....	51	82	17,682	11,966	6,778	804,505		
Tenants.....	81	106	2,145	3,418	1,710	2,677,700	1,216,927	1,216,927	Tenants.....	27,557	24,387	997,720	1,044,306	805,806	29,208,281		
Colored farmers:									ALABAMA.								
Total.....	12	17	95	308	95	89,400	1,216,927	1,216,927	White farmers:	152,458	129,137	15,640,877	15,965,260	6,130,405	214,334,864		
Owners.....	8	5	58	29	58	48,400	1,216,927	1,216,927	Owners.....	86,847	79,362	11,813,837	12,348,537	3,944,413	140,566,796		
Managers.....	1	2	4	21	4	8,000	1,216,927	1,216,927	Managers.....	594	802	349,285	347,089	115,087	5,530,961		
Tenants.....	3	10	33	258	33	33,000	1,216,927	1,216,927	Tenants.....	65,017	48,973	3,478,205	3,269,634	2,070,905	58,197,104		
VIRGINIA.																	
White farmers:									Colored farmers:	110,445	94,083	5,091,435	4,720,167	3,563,176	79,918,727		
Total.....	135,904	123,052	17,257,416	17,678,765	8,758,850	486,833,558	1,216,927	1,216,927	Total.....	110,445	94,083	5,091,435	4,720,167	3,563,176	79,918,727		
Owners.....	101,436	87,589	13,334,122	12,786,864	6,802,428	374,781,761	1,216,927	1,216,927	Owners.....	52	72	17,482	14,212	6,072	17,285,572		
Managers.....	1,445	1,897	530,340	753,678	306,482	26,023,611	1,216,927	1,216,927	Management.....	52	72	17,482	14,212	6,072	17,285,572		
Tenants.....	33,023	33,566	3,292,954	4,138,223	1,649,940	86,028,186	1,216,927	1,216,927	Tenants.....	93,909	79,901	3,607,234	3,899,142	2,882,345	56,218,496		
Colored farmers:									MISSISSIPPI.								
Total.....	48,114	44,834	2,328,220	2,429,118	1,111,208	45,224,504	1,216,927	1,216,927	White farmers:	109,465	92,124	12,100,166	12,337,587	4,520,927	185,637,732		
Owners.....	32,228	26,566	1,381,223	1,031,331	669,358	28,059,534	1,216,927	1,216,927	Owners.....	67,040	61,048	9,489,280	10,067,567	3,213,102	137,356,509		
Managers.....	180	238	29,985	34,969	14,046	1,303,815	1,216,927	1,216,927	Managers.....	719	823	549,633	490,873	157,196	11,827,407		
Tenants.....	15,706	18,030	827,012	1,162,827	427,804	15,834,155	1,216,927	1,216,927	Tenants.....	41,880	30,253	2,061,193	1,779,903	1,150,029	36,454,176		
White farmers:									WEST VIRGINIA.								
Total.....	95,977	92,132	9,991,901	10,612,929	5,501,500	263,314,560	1,216,927	1,216,927	White farmers:	164,737	128,679	6,457,427	5,903,199	4,487,383	148,524,571		
Owners.....	75,420	70,965	8,158,238	8,503,905	4,591,581	207,256,207	1,216,927	1,216,927	Owners.....	25,029	20,973	2,227,194	1,891,016	1,002,345	34,317,764		
Managers.....	865	1,046	283,847	357,463	153,232	9,099,970	1,216,927	1,216,927	Managers.....	717	739	322,065	304,544	109,631	10,201,748		
Tenants.....	19,692	20,691	1,549,916	1,751,859	767,687	46,968,383	1,216,927	1,216,927	Tenants.....	139,605	107,599	4,193,355	3,988,830	3,474,168	113,211,601		
Colored farmers:									West South Central								
Total.....	708	742	34,541	41,584	20,257	1,076,934	1,216,927	1,216,927	ARKANSAS.								
Owners.....	558	534	25,957	25,797	14,522	738,261	1,216,927	1,216,927	White farmers:	151,085	131,711	14,762,752	14,333,997	6,303,408	240,153,704		
Managers.....	7	6	655	602	429	43,695	1,216,927	1,216,927	Owners.....	91,987	84,794	11,185,428	11,125,225	4,278,857	161,187,795		
Tenants.....	143	200	7,929	14,258	5,133	302,438	1,216,927	1,216,927	Managers.....	717	739	322,065	304,544	109,631	10,201,748		
NORTH CAROLINA.																	
White farmers:									Tenants.....	58,384	46,178	3,255,261	2,876,328	1,919,569	68,764,161		
Total.....	188,009	169,773	14,253,325	19,794,218	7,082,344	387,338,391	1,216,927	1,216,927	Colored farmers:	63,593	46,983	2,653,323	2,303,622	1,773,206	69,013,109		
Owners.....	123,877	113,052	14,438,827	15,096,578	5,027,216	262,824,062	1,216,927	1,216,927	Total.....	14,062	11,911	1,204,114	1,035,292	541,205	20,694,215		
Managers.....	1,044	936	563,385	380,947	154,738	13,652,244	1,216,927	1,216,927	Owners.....	840	810	6,093	14,906	3,068	238,915		
Tenants.....	63,148	58,785	4,231,113	4,316,693	1,900,390	91,182,145	1,216,927	1,216,927	Tenants.....	48,885	34,962	1,443,116	1,253,424	1,228,873	48,079,979		
Colored farmers:									LOUISIANA.								
Total.....	65,656	54,864	3,185,804	2,955,138	1,730,712	69,296,216	1,216,927	1,216,927	White farmers:	55,667	57,809	8,315,160	8,711,079	3,809,409	192,610,792		
Owners.....	21,443	17,520	1,197,496	965,452	512,567	22,810,059	1,216,927	1,216,927	Owners.....	42,264	38,323	5,931,428	6,429,557	2,466,112	121,341,966		
Managers.....	74	121	18,992	39,503	5,244	55,000	1,216,927	1,216,927	Managers.....	873	955	965,351	954,065	406,395	29,298,223		
Tenants.....	44,139	37,223	1,969,316	1,950,181	1,212,901	47,889,127	1,216,927	1,216,927	Tenants.....	26,530	18,531	1,418,381	1,353,547	906,902	41,970,603		
White farmers:									SOUTH CAROLINA.								
Total.....	79,636	69,954	9,571,552	10,192,938	3,499,775	233,888,327	1,216,927	1,216,927	White farmers:	43,978	40,447	6,953,459	7,265,012	3,633,541	149,030,021		
Owners.....	43,782	40,447	6,953,459	7,265,012	2,261,431	163,501,021	1,216,927	1,216,927	Owners.....	3728	874	504,958	619,590	126,632	10,800,846		
Managers.....	73	84	504,958	619,590	126,632	10,800,846	1,216,927	1,216,927	Managers.....	34,920	28,603	2,113,135	2,308,336	1,111,412	59,992,661		
Tenants.....	34,920	28,603	2,113,135	2,308,336	1,111,412	59,992,661	1,216,927	1,216,927	Colored farmers:	96,798	85,431	3,792,076	2,598,224	98,999,754			
Colored farmers:									Total								

FARMS, CLASSIFIED BY SIZE.

In adopting the size groups into which farms are classified, the Census Bureau has taken account of the fact that in large sections of the country the boundaries of very many of the farms correspond more or less closely to the Government surveys of public land. The Government land has for the most part been sold or otherwise disposed of in quarter sections, containing 160 acres or approximately that amount; and where these have been broken up they have commonly been

subdivided into "quarter-quarters," or 40-acre tracts. The greater number of farms, therefore, in a large part of the country, contain either 160 acres or some other multiple of 40 acres.

United States as a whole: 1910 and 1900.—Table 22 shows, for 1910 and 1900, the number of farms in each of the various size groups, and also the acreage for a smaller number of groups, for the United States as a whole.

SIZE GROUP.	NUMBER OF FARMS.				ALL LAND IN FARMS (ACRES).				PER CENT OF TOTAL.			
	1910	1900	Increase.		1910	1900	Increase. ¹		Number of farms.		All land in farms.	
			Number.	Per cent.			Amount.	Per cent.	1910	1900	1910	1900
All farms.....	6,361,502	5,737,372	624,130	10.9	878,798,325	838,581,774	40,206,551	4.8	100.0	100.0	100.0	100.0
Under 20 acres.....	828,169	673,570	154,599	24.5	8,793,850	7,189,839	1,612,981	22.5	13.2	11.7	1.0	0.9
Under 3 acres.....	18,033	41,385	(-)	(-)					0.3	0.7		
3 to 9 acres.....	317,010	225,844	91,166	30.4					5.0	3.9		
10 to 19 acres.....	504,123	406,641	97,482	24.0					7.9	7.1		
20 to 49 acres.....	1,414,376	1,257,496	156,880	12.5	45,378,449	41,536,128	3,842,321	9.3	22.2	21.9	5.2	5.0
50 to 99 acres.....	1,438,069	1,366,038	72,031	5.3	103,120,868	98,591,699	4,529,169	4.6	22.6	23.8	11.7	11.8
100 to 174 acres.....	1,516,286	1,422,262	94,024	6.6	205,480,585	192,650,321	12,800,264	6.6	23.8	24.8	23.4	23.0
175 to 499 acres.....	978,175	868,030	110,155	12.7	265,289,069	232,954,515	32,334,554	13.9	15.4	15.1	30.2	27.8
175 to 249 acres.....	534,191	490,069	44,122	9.0					8.4	8.5		
250 to 499 acres.....	443,984	377,951	66,033	17.5					7.0	6.6		
500 to 999 acres.....	125,265	102,626	22,769	22.2	83,653,487	67,864,116	15,789,371	23.3	2.0	1.8	9.5	8.1
1,000 acres and over.....	50,135	47,160	2,975	6.3	167,082,047	197,784,156	-30,702,109	-15.5	0.8	0.8	19.0	23.6

¹ A minus sign (-) denotes decrease.

² Data for 1910 and 1900 not comparable. (See text.)

This table shows that in 1910 more than two-thirds of the farms of the country (68.6 per cent) were between 20 and 175 acres in size. The most numerous single group was that comprising farms of 100 to 174 acres, which constituted 23.8 per cent of the total number. Farms of 50 to 99 acres, and those of 20 to 49 acres, which comprised 22.6 per cent and 22.2 per cent, respectively, of the total number, were nearly as numerous.

The distribution of the total acreage of farms among the several size groups is of course radically different from the distribution of the number of farms. Farms of 175 to 499 acres, which in 1910 formed only 15.4 per cent of the whole number of farms, contained 30.2 per cent of the total farm acreage of the country, and constituted the most important group with respect to acreage. Farms of 100 to 174 acres ranked next in importance in this respect. These two groups together comprised somewhat over one-half (53.6 per cent) of the total acreage. Next to these groups in acreage were the farms of 1,000 acres and over, which are chiefly found in the West, and which comprised 19 per cent of the total acreage, but only 0.8 per cent of the total number. On the other hand, farms under 20 acres in size, although relatively numerous (representing 13.2 per cent of the total number), comprised only 1 per cent of the farm acreage of the country.

The only group in which the number of farms decreased absolutely between 1900 and 1910 is that consisting of places under 3 acres in size, which at both

censuses were few in number. The number of such places shown for 1910 is 56.4 per cent smaller than that shown for 1900, and there was a decrease in this group in every geographic division except the Mountain division. This decrease, however, is without question due chiefly, if not wholly, to changes in the census definition of what constitutes a farm, and no conclusion of value can be drawn from the data.

In both number and acreage, farms of the groups from 50 to 174 acres increased less rapidly between 1900 and 1910 than those of the groups from 3 to 49 acres or from 175 to 999 acres. Farms of 1,000 acres and over increased somewhat in number, but comprised a smaller acreage in 1910 than in 1900. Consequently the percentages showing the distribution of the number and acreage of farms among size groups for 1910 differ somewhat from those for 1900. It may be noted that in a general way the changes during the past decade with reference to the relative importance of farms of the different size groups are continuations of changes which have been going on at least since 1880 and possibly for a longer time.

Number, acreage, and value of farms of the principal size groups, by divisions: 1910 and 1900.—Table 23, on the following page, presents statistics for each geographic division, showing the number of farms, total and improved acreage, and value of land and buildings for 1910 and 1900, respectively, by size groups, together with the percentage of the several totals represented in each size group.

NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMERS AND BUILDERS, BY DIVISIONS: 1910 AND 1900.

Table 23 DIVISION AND SIZE GROUP.	NUMBER OF FARMERS.		ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.		PER CENT OF TOTAL.			
	1910	1900	1910	1900	1910	1900	1910	1900	Number of farms.	All land in farms.	Improved land in farms.	Value of land and buildings.
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
UNITED STATES												
Total.....	8,361,592	5,737,372	478,798,235	838,591,574	478,451,750	414,498,457	\$34,801,125,697	\$18,614,647,491	100.0	100.0	100.0	100.0
Under 20 acres.....	839,166	673,870	8,792,820	7,180,839	7,891,543	6,440,447	1,309,907,611	632,722,927	13.2	11.7	1.0	0.9
20 to 49 acres.....	1,434,376	1,257,496	45,378,449	41,536,128	36,596,032	33,000,734	2,485,947,119	1,323,062,397	22.2	21.9	5.2	5.0
50 to 99 acres.....	1,438,093	1,366,038	100,120,688	93,591,281	71,155,245	67,344,759	7,155,245,637	6,734,759,637	82.2	82.3	11.7	11.8
100 to 174 acres.....	1,516,288	1,222,262	205,481,688	192,680,331	128,646,538	118,930,795	9,452,310,929	8,192,310,929	111.9	111.9	24.8	24.8
175 to 499 acres.....	978,175	868,020	265,289,629	254,515,515	161,775,602	136,003,043	6,029,614,964	5,148,077,147	71.5	71.5	30.2	27.8
500 to 999 acres.....	125,958	102,526	63,553,487	67,364,116	40,817,118	29,474,842	2,483,160,122	947,737,740	2.9	2.8	1.8	1.8
1,000 acres and over.....	50,125	47,160	167,062,947	179,784,156	31,262,771	24,317,154	2,325,969,303	1,025,044,327	0.8	0.8	5.9	5.7
NEW ENGLAND												
Total.....	188,802	191,888	19,714,931	20,548,999	7,254,904	8,134,403	718,544,808	528,267,748	100.0	100.0	100.0	100.0
Under 20 acres.....	34,304	28,018	317,557	276,284	231,463	200,779	93,749,802	57,980,200	18.2	14.6	1.1	1.3
20 to 49 acres.....	108,228	117,805	1,017,352	1,044,588	493,205	564,046	240,585,794	135,030,180	17.6	20.9	6.1	7.4
50 to 99 acres.....	45,932	49,389	3,210,561	3,460,874	1,427,597	1,569,867	143,027,415	112,410,638	24.3	25.7	16.3	16.8
100 to 174 acres.....	44,019	48,039	5,755,475	6,042,138	2,198,055	2,507,554	167,577,293	128,858,540	32.3	25.0	28.9	24.9
175 to 499 acres.....	28,908	30,007	7,062,543	7,522,491	2,534,708	2,755,789	168,134,552	126,307,890	14.8	15.6	35.8	36.6
500 to 999 acres.....	3,139	2,123	1,324,659	1,288,248	312,640	358,062	27,922,685	17,357,540	1.1	1.1	6.7	6.3
1,000 acres and over.....	578	497	1,122,884	824,369	174,538	137,049	18,647,894	8,805,156	0.3	0.3	5.7	4.0
MIDDLE ATLANTIC												
Total.....	468,379	485,618	43,191,056	44,860,000	29,320,894	30,786,211	2,442,949,103	1,948,997,100	100.0	100.0	100.0	100.0
Under 20 acres.....	80,919	75,165	715,343	721,639	645,000	629,450	235,705,545	161,690,010	17.3	15.5	1.7	1.6
20 to 49 acres.....	78,375	84,340	2,596,184	2,821,455	2,014,738	2,225,595	287,113,829	256,543,290	20.7	19.4	6.0	6.3
50 to 99 acres.....	130,762	142,341	9,333,076	10,107,570	7,628,777	7,051,789	997,452,188	494,852,240	26.9	27.1	22.5	24.0
100 to 174 acres.....	129,500	139,400	10,770,406	10,477,331	11,230,267	11,828,314	767,538,626	624,647,640	24.4	26.7	36.4	36.7
175 to 499 acres.....	52,310	51,815	12,311,376	12,362,281	7,720,162	7,779,729	487,138,975	388,660,190	11.2	10.7	29.0	27.6
500 to 999 acres.....	1,848	1,907	1,154,723	1,181,884	494,032	476,042	46,516,557	40,354,970	0.4	0.4	2.7	2.6
1,000 acres and over.....	469	559	1,111,945	1,207,984	187,920	188,292	30,988,780	17,570,200	0.1	0.2	2.7	2.6
EAST NORTH CENTRAL												
Total.....	1,123,489	1,105,825	119,927,148	116,340,761	88,947,228	86,670,271	8,873,981,594	4,912,597,440	100.0	100.0	100.0	100.0
Under 20 acres.....	186,968	150,671	1,002,507	983,908	893,205	864,046	340,585,794	205,000,180	9.6	8.8	0.8	0.8
20 to 49 acres.....	197,104	197,104	6,907,601	8,185,211	5,437,794	6,944,880	541,545,488	375,640,810	11.7	12.6	7.0	6.1
50 to 99 acres.....	340,940	350,291	25,448,406	26,211,781	19,692,117	19,964,780	1,776,191,397	1,076,060,430	30.3	30.6	16.1	22.5
100 to 174 acres.....	315,607	301,629	41,708,349	39,905,930	31,821,219	30,029,865	3,040,388,838	1,654,447,810	34.1	28.6	35.4	34.4
175 to 499 acres.....	158,585	146,901	38,250,593	36,115,424	28,508,559	26,554,250	2,985,410,667	1,569,324,270	13.8	12.9	32.4	31.0
500 to 999 acres.....	5,147	5,569	3,205,712	3,481,591	2,027,485	2,198,830	221,406,504	126,388,620	0.5	0.5	2.7	2.3
1,000 acres and over.....	763	951	1,406,045	1,502,680	579,189	685,985	62,176,558	36,170,500	0.1	0.1	1.2	1.3
WEST NORTH CENTRAL												
Total.....	1,109,948	1,040,744	232,648,121	201,008,713	164,284,862	135,643,828	11,614,665,870	4,651,282,998	100.0	100.0	100.0	100.0
Under 20 acres.....	52,536	47,650	475,532	464,511	423,462	403,743	132,465,870	57,601,954	4.7	4.5	0.2	0.2
20 to 49 acres.....	91,971	110,718	3,206,053	3,904,477	2,900,290	3,047,189	250,463,450	146,534,830	8.3	10.4	1.4	2.0
50 to 99 acres.....	181,843	212,600	13,808,123	16,094,073	10,848,559	12,518,337	997,399,966	506,061,486	10.4	12.0	5.9	8.0
100 to 174 acres.....	368,649	309,137	30,137,842	31,224,554	39,724,322	38,116,400	3,121,921,068	1,870,979,808	33.2	34.8	24.2	25.2
175 to 499 acres.....	346,875	288,187	99,828,040	81,982,257	76,716,957	60,221,953	5,437,528,100	2,907,580,126	31.3	27.2	49.8	46.7
500 to 999 acres.....	15,179	36,186	27,138,133	24,471,401	23,210,837	14,258,439	1,230,317,448	372,885,530	5.0	3.4	10.6	12.2
1,000 acres and over.....	58,275	10,609	25,024,390	22,908,240	10,800,435	7,028,127	544,599,254	189,550,940	1.2	1.0	18.8	11.3
SOUTH ATLANTIC												
Total.....	1,111,881	962,225	103,782,255	104,297,506	48,479,723	46,100,226	2,486,436,474	1,206,349,618	100.0	100.0	100.0	100.0
Under 20 acres.....	186,966	150,671	1,002,507	983,908	893,205	864,046	340,585,794	205,000,180	16.8	15.3	1.9	1.5
20 to 49 acres.....	354,207	269,623	11,035,210	8,509,856	8,821,385	6,688,678	365,777,254	136,620,190	10.7	10.4	8.2	14.9
50 to 99 acres.....	231,901	216,522	17,713,796	14,791,972	10,013,755	8,482,251	467,510,682	201,290,600	22.7	22.5	16.5	14.2
100 to 174 acres.....	181,336	181,290	22,207,206	22,874,837	10,855,205	10,744,477	534,032,343	297,877,870	16.0	18.8	22.1	21.4
175 to 499 acres.....	225,976	204,914	51,809,123	46,002,583	37,940,827	32,628,698	3,411,985,074	1,711,108,660	116.3	114.2	19.9	17.7
500 to 999 acres.....	14,555	17,191	9,454,381	11,082,044	2,579,471	2,982,119	172,377,094	92,971,570	1.5	1.8	9.1	10.0
1,000 acres and over.....	5,027	5,893	10,220,106	11,452,391	1,885,038	2,178,694	140,445,216	70,507,008	0.5	0.6	9.8	11.0
EAST SOUTH CENTRAL												
Total.....	1,042,840	903,313	81,520,629	81,247,643	49,946,846	40,237,337	1,738,397,539	933,780,823	100.0	100.0	100.0	100.0
Under 20 acres.....	211,614	153,351	2,485,330	2,834,590	2,380,281	1,715,807	122,796,690	51,232,040	20.3	17.0	3.0	2.3
20 to 49 acres.....	356,256	280,010	10,670,111	8,842,608	8,941,163	7,199,044	300,677,928	140,013,640	33.6	31.0	13.1	10.9
50 to 99 acres.....	225,976	204,914	15,708,123	14,273,248	9,740,827	8,628,698	2,411,985,074	1,171,108,660	21.7	22.7	18.5	17.7
100 to 174 acres.....	157,414	159,531	20,261,555	20,750,779	10,284,319	9,837,663	377,318,696	210,822,803	15.1	17.7	24.5	23.4
175 to 499 acres.....	86,297	92,783	22,187,511	24,100,920	9,710,562	9,846,637	424,085,873	259,612,140	8.3	10.3	27.2	29.1
500 to 999 acres.....	8,396	9,777	5,421,938	6,173,881	1,800,628	1,941,233	100,346,607	61,645,550	0.8	1.1	6.7	7.6
1,000 acres and over.....	2,527	2,939	4,831,055	5,291,617	1,042,066	1,070,215	71,386,993	39,886,000	0.2	0.3	5.9	6.5
WEST SOUTH CENTRAL												
Total.....	943,986	734,853	109,149,976	176,491,932	58,254,273	39,770,530	3,128,596,882	1,138,891,568	100.0	100.0	100.0	100.0
Under 20 acres.....	198,340	158,810	1,002,507	983,908	893,205	864,046	340,585,794	205,000,180	14.2	11.2	1.4	1.7
20 to 49 acres.....	251,444	218,481	8,037,214	6,902,734	6,966,847	6,063,500	254,640,834	118,019,540	26.7	28.9	4.8	4.0
50 to 99 acres.....	216,660	161,611	15,230,102	11,549,787	10,409,653	7,323,424	138,489,650	23,010,460	23.0	21.4	9.0	6.5
100 to 174 acres.....	222,794	178,015	30,702,647	24,869,710	16,991,457	11,200,820	786,668,672	250,220,768	32.6	23.6	18.2	14.1
175 to 499 acres.....	18,316	22,642	31,958,869	22,841,227	14,780,494	8,245,264	735,359,191	210,335,950	12.6	11.0	18.9	12.6
500 to 999 acres.....	18,232	15,047	12,188,175	9,927,387	3,630,637	2,324,192	229,842,248	75,937,760	1.9	2.0	7.2	5.6
1,000 acres and over.....	13,396	14,139	69,790,740	99,815,105	4,299,336	3,602,464	611,037,293	293,608,940	1.4	1.9	41.3	56.6
MOUNTAIN </												

The three northeastern divisions of the country the New England Middle Atlantic, and East North Central, show in general somewhat similar conditions with respect to the size of farms. In each the farms of 50 to 99 acres constituted in 1910 the most numerous group and those of 100 to 174 acres the next most numerous. The group comprising farms of 100 to 174 acres is first in importance as respects acreage in two of these divisions and second in the other. The West North Central division, which has been more recently settled, differs considerably from the other three northern divisions. In this division the most numerous group is that comprising farms of 100 to 174 acres and the most important group from the standpoint of acreage is that comprising farms of 175 to 499 acres. In the South Atlantic and East South Central divisions conditions in regard to size of farms are approximately alike. In each the small farms of 20 to 49 acres are the most numerous, but the farms of 175 to 499 acres contain a larger proportion of the total acreage than any other group. In the West South Central, Mountain, and Pacific divisions, in which there are still many great stock ranches the farms of 1 000 acres and over are the most important in acreage. In the West South Central division, however because of the presence of many small tenant farms in the cotton belt, the group comprising farms of 20 to 49 acres is more numerous than any other; in the Pacific division because of the many small fruit farms, the farms of less than 20 acres form the most numerous group; and in the Mountain division farms of 100 to 174 acres lead in number.

Comparing the percentages for 1910 in this table with those for 1900, it may be seen that the groups which stood first and second, respectively, in number and those which stood first and second in acreage were in almost every division the same at both censuses. Nevertheless there have been considerable changes in the relative importance of some of the groups. In all of the divisions except the West North Central the number of farms of 1 000 acres and over was either relatively less in 1910 than in 1900 or maintained the same proportion; and in all of the divisions except New England these large farms contained a smaller proportion of the total acreage of farm land at the later census than at the earlier. On the other hand, in all except the West South Central and Mountain divisions, farms of less than 20 acres constituted a larger proportion of the total number in 1910 than in 1900, and in all except the East and West North Central and Mountain divisions—in which the proportion was the same at both censuses—such farms contained a larger proportion of the acreage in the later year than in the earlier. Other changes were less nearly uniform among the divisions. In the South Atlantic and East South Central divisions the small farms of less than 20 acres were of relatively greater importance in number

and acreage in 1910 than in 1900, on account of the continued breaking up of plantations into smaller farms, chiefly operated by tenants. In the West South Central and Mountain divisions the breaking up of many ranches of 1 000 acres and over has been accompanied by an increase in the relative importance, as measured by acreage, of all of the other size groups, and the same is true, for the most part, of the Pacific division.

Table 24 shows, by divisions, the percentage of increase in number and acreage for farms of the size groups shown in the preceding table.

Table 24

DIVISION AND ITEM.	PER CENT OF INCREASE: 1900 TO 1910							
	All farms.	Under 20 acres.	20 to 49 acres.	50 to 99 acres.	100 to 174 acres.	175 to 499 acres.	500 to 999 acres.	1,000 acres and over.
United States:								
Number of farms.....	10.9	24.5	12.5	5.3	6.8	12.7	22.2	8.3
Acreage of farm land....	4.8	22.5	9.3	4.6	6.8	13.9	23.3	-15.5
NEW ENGLAND:								
Number of farms.....	-1.6	22.4	0.1	-7.0	-8.4	-6.7	0.3	16.3
Acreage of farm land.....	-4.1	14.9	-2.9	-7.2	-7.7	-6.1	2.8	36.2
MIDDLE ATLANTIC:								
Number of farms.....	-3.5	7.7	-7.1	-8.2	-4.8	1.0	-3.1	-16.1
Acreage of farm land.....	-3.7	4.1	-8.0	-7.6	-4.5	1.4	-2.3	8.0
EAST NORTH CENTRAL:								
Number of farms.....	-1.1	8.2	14.4	-2.7	4.6	5.9	-7.6	-19.8
Acreage of farm land.....	1.4	3.5	-15.6	-2.9	4.5	5.8	-7.1	6.4
WEST NORTH CENTRAL:								
Number of farms.....	4.6	10.3	-16.9	-14.5	3.9	20.4	52.5	21.4
Acreage of farm land.....	15.7	2.4	-19.1	-14.2	3.7	21.8	51.8	9.7
SOUTH ATLANTIC:								
Number of farms.....	15.6	27.0	33.3	16.3	(¹)	-8.3	-15.3	-14.7
Acreage of farm land.....	-0.5	30.7	29.7	16.1	0.1	-9.0	-14.7	-10.8
EAST SOUTH CENTRAL:								
Number of farms.....	15.4	38.0	25.1	10.3	-1.3	-7.0	-14.1	-14.0
Acreage of farm land.....	0.3	35.5	20.7	10.1	-2.3	-7.9	-12.2	-8.7
WEST SOUTH CENTRAL:								
Number of farms.....	24.9	20.2	15.1	34.1	25.2	43.3	21.2	-5.3
Acreage of farm land.....	-4.2	17.3	15.1	31.9	23.5	44.0	22.8	-30.1
MOUNTAIN:								
Number of farms.....	81.0	43.1	52.8	71.9	90.7	137.4	72.0	38.8
Acreage of farm land.....	28.3	39.2	52.0	70.5	91.2	138.0	67.0	-7.6
PACIFIC:								
Number of farms.....	34.1	84.6	76.1	43.5	6.8	5.2	15.7	16.4
Acreage of farm land.....	8.3	71.3	76.1	40.5	3.5	3.5	16.4	4.8

¹ A minus sign (-) denotes decrease. ² Less than one-tenth of 1 per cent.

Table 25, on the following page, shows, by geographic divisions, the percentage which improved land forms of all farm land in each size group, and the average value of land and buildings per farm and per acre.

As might be expected, small farms have, in general, a higher percentage of improved land than large farms. In the United States as a whole, in 1910, 90.9 per cent of the acreage of the farms under 20 acres in size consisted of improved land, while only 18.7 per cent of the acreage of farms of 1,000 acres and over was improved.

The differences among the several size groups with reference to the proportion of farm land improved naturally tend to bring about corresponding differences in the average value of all farm land per acre. Moreover, the largest farms are commonly in sections of the country not easily accessible to markets, where land values are relatively low. Furthermore, on the smaller farms buildings are in most cases of relatively greater importance than on the larger farms. Consequently it is not surprising that in the United States as a whole the average value of land and buildings per

acre in farms ranged in 1910 from \$148.96 for farms of less than 20 acres to \$13.92 for farms of 1,000 acres

and over, and that the average value per acre decreases uniformly as the size of the farms increases.

Table 25

DIVISION AND SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.				DIVISION AND SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	1910	1900	Per farm.		Per acre.			1910	1900	Per farm.		Per acre.	
			1910	1900	1910	1900				1910	1900	1910	1900
UNITED STATES													
Total.....	54.4	49.4	\$5,471	\$2,898	\$39.60	\$19.81	Total.....	46.7	44.2	\$2,236	\$1,254	\$23.96	\$11.57
Under 20 acres.....	80.9	89.7	1,561	939	148.96	88.11	Under 20 acres.....	88.4	87.2	795	408	74.62	39.39
20 to 49 acres.....	80.6	79.4	1,757	1,053	54.77	31.88	20 to 49 acres.....	79.9	78.6	1,033	515	33.15	16.09
50 to 99 acres.....	69.0	68.3	3,427	2,967	48.77	28.64	50 to 99 acres.....	58.3	57.3	1,836	930	27.22	13.61
100 to 174 acres.....	32.7	31.4	6,203	3,314	45.27	24.48	100 to 174 acres.....	62.0	60.4	2,949	1,544	23.34	12.24
175 to 499 acres.....	61.0	58.2	12,025	5,931	44.34	22.10	175 to 499 acres.....	39.6	39.0	5,573	2,837	21.19	10.71
500 to 999 acres.....	48.8	43.4	19,819	9,244	20.68	13.97	500 to 999 acres.....	30.5	30.5	11,843	5,408	18.23	8.39
1,000 acres and over.....	18.7	12.3	46,376	21,735	13.92	5.18	1,000 acres and over.....	18.4	19.0	27,938	11,975	13.74	6.16
NEW ENGLAND.													
Total.....	36.8	39.6	3,806	2,753	36.45	25.71	Total.....	53.9	49.5	1,668	1,034	21.32	11.49
Under 20 acres.....	72.9	72.6	2,733	2,069	295.22	209.86	Under 20 acres.....	95.8	93.5	580	334	49.41	27.93
20 to 49 acres.....	52.3	53.3	2,939	2,245	90.27	66.89	20 to 49 acres.....	83.7	81.4	850	500	28.18	15.83
50 to 99 acres.....	44.5	45.4	4,114	3,216	45.27	32.48	50 to 99 acres.....	62.0	60.4	1,512	833	21.75	11.99
100 to 174 acres.....	39.4	41.5	3,977	2,682	30.06	21.33	100 to 174 acres.....	50.9	47.5	2,397	1,318	18.66	10.14
175 to 499 acres.....	33.1	36.6	6,003	4,211	23.81	16.80	175 to 499 acres.....	43.8	40.9	4,914	2,798	19.11	10.77
500 to 999 acres.....	23.6	27.5	15,087	8,419	21.13	13.94	500 to 999 acres.....	34.3	31.4	11,952	6,305	18.51	9.98
1,000 acres and over.....	15.5	16.7	32,263	17,717	16.61	10.68	1,000 acres and over.....	21.6	20.2	29,329	15,711	14.82	7.54
MIDDLE ATLANTIC.													
Total.....	67.9	68.6	5,216	4,013	56.56	43.45	Total.....	34.4	22.5	3,317	1,509	18.50	6.45
Under 20 acres.....	85.8	87.2	2,913	2,151	313.71	224.06	Under 20 acres.....	96.3	95.8	711	377	58.38	30.19
20 to 49 acres.....	77.6	78.9	3,671	2,686	110.82	80.29	20 to 49 acres.....	86.7	86.8	1,013	842	31.68	16.94
50 to 99 acres.....	73.3	75.7	4,573	3,474	64.00	48.92	50 to 99 acres.....	68.3	63.4	2,027	981	28.86	13.72
100 to 174 acres.....	71.5	71.9	6,121	4,823	48.22	37.96	100 to 174 acres.....	55.3	45.0	3,526	1,406	25.59	10.06
175 to 499 acres.....	61.6	61.6	9,337	7,501	39.81	31.54	175 to 499 acres.....	46.2	37.2	6,210	2,545	23.01	9.48
500 to 999 acres.....	42.8	40.5	12,117	18,565	40.20	29.46	500 to 999 acres.....	29.7	29.7	12,607	5,046	18.86	8.45
1,000 acres and over.....	16.9	15.6	66,074	31,431	27.87	14.54	1,000 acres and over.....	6.2	3.6	45,613	20,766	8.76	2.94
EAST NORTH CENTRAL.													
Total.....	75.4	74.5	7,899	4,325	75.25	42.23	Total.....	26.7	18.1	7,192	3,942	22.16	7.30
Under 20 acres.....	81.1	89.3	2,225	1,358	240.36	140.37	Under 20 acres.....	90.2	84.6	2,344	921	304.21	116.23
20 to 49 acres.....	78.7	78.1	2,777	1,623	79.26	45.48	20 to 49 acres.....	77.4	72.5	4,507	1,675	135.90	50.24
50 to 99 acres.....	77.4	76.2	5,210	3,072	69.53	41.05	50 to 99 acres.....	65.3	60.8	5,999	2,252	80.82	30.69
100 to 174 acres.....	76.3	75.2	6,933	5,485	72.90	51.60	100 to 174 acres.....	35.0	38.6	4,359	2,068	28.30	13.46
175 to 499 acres.....	74.5	73.5	19,188	10,274	78.05	41.79	175 to 499 acres.....	36.2	40.8	8,150	4,193	26.26	13.55
500 to 999 acres.....	63.2	63.6	43,017	22,694	69.07	36.61	500 to 999 acres.....	34.5	30.3	16,324	7,845	23.71	10.93
1,000 acres and over.....	40.6	44.3	81,490	38,400	44.22	24.30	1,000 acres and over.....	14.4	7.0	46,972	20,589	10.51	5.07
WEST NORTH CENTRAL.													
Total.....	70.6	67.5	10,464	4,385	49.92	23.14	Total.....	42.9	39.6	13,650	6,751	48.28	20.17
Under 20 acres.....	89.1	92.9	2,522	1,210	278.63	124.13	Under 20 acres.....	85.9	85.2	5,326	2,881	599.54	301.70
20 to 49 acres.....	78.0	76.9	2,723	1,323	78.12	36.96	20 to 49 acres.....	72.0	70.8	7,733	3,950	74.31	126.16
50 to 99 acres.....	78.6	77.8	4,935	2,380	64.99	31.47	50 to 99 acres.....	59.7	55.2	10,203	4,303	141.57	62.52
100 to 174 acres.....	74.8	74.5	8,468	3,964	58.75	26.76	100 to 174 acres.....	40.7	38.3	8,914	3,675	60.93	28.62
175 to 499 acres.....	76.8	75.8	15,675	6,966	48.45	24.49	175 to 499 acres.....	33.2	32.2	16,884	7,035	58.58	22.63
500 to 999 acres.....	62.5	58.3	22,297	10,305	33.13	15.34	500 to 999 acres.....	55.4	51.4	27,774	12,864	40.01	18.65
1,000 acres and over.....	43.4	38.8	42,299	17,467	21.76	8.21	1,000 acres and over.....	32.7	30.4	67,192	39,223	21.76	11.44

Size groups, by states; 1910 and 1900.—Table 26 shows, by geographic divisions, for each state, the number and acreage of farms in the several size groups in 1910 and 1900, respectively.

NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS CLASSIFIED BY SIZE, BY STATES: 1910 AND 1900.

Table 26

STATE AND SIZE GROUP.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED ACREAGE OF FARMS.		VALUE OF LAND AND BUILDINGS.		STATE AND SIZE GROUP.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED ACREAGE OF FARMS.		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1910	1910	1900		1910	1900	1910	1900	1910	1900	1910	1900
New England																	
MAINE.																	
Total.....	60,016	59,299	6,296,859	6,299,946	2,360,657	\$159,619,626	Total.....	36,917	37,715	2,875,941	3,147,064	1,164,501	\$194,168,765				
Under 20 acres.....	7,113	5,307	67,517	56,657	49,008	11,570,427	Under 20 acres.....	10,606	8,889	96,041	84,038	69,869	39,272,556				
20 to 49 acres.....	9,492	9,267	314,397	315,627	154,846	15,302,117	20 to 49 acres.....	8,800	8,875	287,500	290,522	156,902	26,685,199				
50 to 99 acres.....	17,895	18,644	1,246,571	1,297,754	553,516	36,562,364	50 to 99 acres.....	7,981	8,910	554,699	618,783	252,447	40,939,114				
100 to 174 acres.....	16,633	17,291	2,078,196	2,127,393	838,328	50,555,750	100 to 174 acres.....	5,703	6,660	721,716	825,328	290,707	34,863,149				
175 to 499 acres.....	8,293	8,249	2,041,995	2,009,634	678,640	39,190,736	175 to 499 acres.....	3,323	3,967	840,139	997,933	278,531	32,098,128				
500 to 999 acres.....	461	516	284,828	306,706	111,914	4,161,953	500 to 999 acres.....	319	332	197,218	210,173	87,817	6,375,085				
1,000 acres and over.....	129	114	263,355	184,172	24,405	2,277,177	1,000 acres and over.....	91	75	178,625	120,287	68,228	3,955,524				
NEW HAMPSHIRE.																	
Total.....	27,653	29,324	3,249,458	3,699,854	629,185	\$5,916,061	Total.....	5,292	5,498	443,308	455,662	178,344	27,932,800				
Under 20 acres.....	4,592	3,994	42,397	40,227	39,314	15,302,241	Under 20 acres.....	1,577	1,475	11,372	11,372	9,872	5,169,439				
20 to 49 acres.....	4,509	4,765	146,013	163,050	68,056	9,187,967	20 to 49 acres.....	1,144	1,169	36,603	38,550	22,097	5,309,083				
50 to 99 acres.....	6,248	7,123	434,835	503,049	164,514	14,413,621	50 to 99 acres.....	1,204	1,256	87,794	87,693	41,403	6,140,626				
100 to 174 acres.....	6,247	7,430	787,402	935,580	255,561	19,065,747	100 to 174 acres.....	945	1,049	117,904	130,689	47,500	4,789,185				
175 to 499 acres.....	4,774	5,333	1,281,669	1,369,706	419,445	24,459,313	175 to 499 acres.....	487	532	162,218	186,883	68,914	5,086,250				
500 to 999 acres.....	513	510	322,557	308,766	58,667	6,197,466	500 to 999 acres.....	51	45	30,875	28,610	10,577	1,101,300				
1,000 acres and over.....	167	164	294,357	289,739	37,296	4,577,066	1,000 acres and over.....	24	17	36,723	22,895	3,800	366,930				
CONNECTICUT.																	
Total.....	32,709	33,104	4,063,577	4,724,440	1,639,965	112,558,275	Total.....	26,815	26,948	2,185,788	2,312,083	988,252	138,919,221				
Under 20 acres.....	4,578	3,285	40,250	32,276	29,952	7,692,142	Under 20 acres.....	6,035	5,126	58,797	51,662	42,447	21,940,957				
20 to 49 acres.....	3,481	3,511	112,129	120,740	58,062	7,038,200	20 to 49 acres.....	6,306	6,218	204,701	204,106	115,940	25,912,631				
50 to 99 acres.....	5,916	6,513	424,012	465,227	182,038	13,007,680	50 to 99 acres.....	6,634	6,943	402,650	455,868	252,989	31,914,010				
100 to 174 acres.....	9,492	10,329	1,238,117	1,329,665	419,120	20,225,529	100 to 174 acres.....	4,969	5,494	632,806	685,076	285,839	29,049,030				
175 to 499 acres.....	8,516	8,943	2,187,113	2,280,010	757,888	43,794,392	175 to 499 acres.....	2,613	2,954	649,906	729,126	261,958	23,625,626				
500 to 999 acres.....	607	536	371,849	322,993	95,940	6,114,956	500 to 999 acres.....	188	187	117,232	111,087	37,725	4,642,743				
1,000 acres and over.....	125	101	290,107	172,218	29,365	5,637,316	1,000 acres and over.....	40	20	59,707	35,058	11,354	1,533,261				

FARMS, CLASSIFIED BY SIZE.

NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS CLASSIFIED BY SIZE, BY STATES: 1910 AND 1900—Continued.

Table 26—Contd. STATE AND SIZE GROUP.	NUMBER OF FARMS.	ALL LAND IN FARMS (ACRES).		IMPROVED ACREAGE OF FARMS.	VALUE OF LAND AND BUILDINGS.	STATE AND SIZE GROUP.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED ACREAGE OF FARMS.	VALUE OF LAND AND BUILDINGS.
		1910	1900				1910	1900	1910	1900		
		1910	1900				1910	1900	1910	1900		
Middle Atlantic												
NEW YORK.												
Total.....	215,997	226,720	22,630,367	22,648,109	14,844,639	\$1,184,745,829	229,791	259,701	28,426,560	15,542,560	20,455,992	\$822,636,744
Under 20 acres.....	31,188	32,542	3,077,362	3,077,521	207,909	108,033,214	456	791	1,601	7,711	1,224	364,599
20 to 49 acres.....	34,045	35,123	1,028,993	1,180,411	601,480	129,618,019	450	557	16,087	18,093	1,000	739,353
50 to 99 acres.....	56,821	63,784	4,068,948	4,551,108	3,083,725	294,212,934	1,207	1,716	94,199	59,040	53,633	2,830,341
100 to 174 acres.....	61,061	63,846	7,894,307	8,157,512	5,430,335	300,162,907	1,207	1,716	94,199	59,040	53,633	2,830,341
175 to 499 acres.....	31,163	30,636	7,550,234	7,248,754	4,746,402	277,208,685	1,207	1,716	94,199	59,040	53,633	2,830,341
500 to 999 acres.....	1,104	1,109	685,906	690,692	316,522	27,143,232	34,383	38,338	12,000,916	6,483,548	9,063,590	354,271,009
1,000 acres and over.....	245	248	584,897	517,081	117,654	17,667,078	12,662	5,114	8,788,536	3,561,491	6,630,379	271,500,000
NEW JERSEY.												
Total.....	33,487	34,511	2,573,857	2,840,966	1,803,336	127,134,510	77,644	52,622	26,016,892	19,070,616	15,827,208	1,005,640,807
Under 20 acres.....	8,073	7,583	77,641	74,332	64,420	31,003,355	808	600	3,012	1,500	1,437	1,808,680
20 to 49 acres.....	7,607	7,632	243,988	267,077	187,500	107,500,000	1,121	967	39,475	36,846	30,001	3,061,278
50 to 99 acres.....	8,194	8,882	585,063	638,281	458,015	51,573,759	2,406	2,214	183,202	168,923	134,340	10,407,857
100 to 174 acres.....	7,207	7,855	911,564	991,720	698,595	591,041,617	28,396	16,144	4,488,126	2,082,021	2,113,308	140,327,025
175 to 499 acres.....	2,235	2,513	524,918	590,453	337,874	31,416,639	33,044	22,895	6,585,037	3,619,094	3,064,549	504,318,418
500 to 999 acres.....	1,104	1,109	685,906	690,692	316,522	27,143,232	9,698	6,074	5,488,126	2,385,021	2,385,021	10,327,000
1,000 acres and over.....	59	73	160,539	229,145	25,964	3,416,500	2,174	2,041	3,928,736	3,453,788	1,592,251	96,874,817
PENNSYLVANIA.												
Total.....	219,296	224,248	18,586,832	19,371,015	12,673,519	1,041,068,755	129,678	121,525	38,622,021	29,911,779	24,382,577	1,813,346,933
Under 20 acres.....	36,688	33,038	3,600,440	3,790,730	2,471,671	96,088,746	4,558	5,243	152,474	184,424	134,271	14,379,350
20 to 49 acres.....	39,721	41,675	1,323,387	1,392,167	1,025,756	124,395,056	12,618	10,979	61,977	67,012	67,606	8,286,663
50 to 99 acres.....	65,687	69,570	4,841,433	4,917,987	3,517,037	281,863,465	43,233	40,271	13,923,207	11,865,236	10,633,939	875,637,466
100 to 174 acres.....	55,518	57,880	6,994,538	7,308,029	4,991,357	338,333,945	12,618	10,979	61,977	67,012	67,606	8,286,663
175 to 499 acres.....	18,912	19,239	4,456,134	4,528,044	2,635,386	178,358,651	15,428	16,052	8,837,526	4,150,809	3,888,358	185,949,750
500 to 999 acres.....	632	688	398,391	423,229	146,512	11,143,740	3,807	2,364	8,156,338	5,374,715	3,136,708	119,293,720
1,000 acres and over.....	167	238	366,569	401,773	43,300	7,905,152						
East North Central												
OHIO.												
Total.....	372,045	376,419	24,410,708	24,501,983	19,227,969	1,654,152,406	177,841	173,098	43,384,799	41,662,370	29,964,677	1,737,550,172
Under 20 acres.....	35,913	35,762	3,653,977	3,401,433	3,271,189	141,003,747	8,049	6,006	20,000	15,000	13,700	1,350,000
20 to 49 acres.....	50,331	53,566	1,719,066	1,972,566	1,441,294	149,415,179	10,738	12,269	366,381	437,177	318,485	33,138,115
50 to 99 acres.....	88,047	89,774	6,444,930	6,636,550	5,288,449	454,592,415	26,151	32,103	1,968,144	2,467,724	1,718,144	117,647,025
100 to 174 acres.....	68,746	67,258	8,850,663	8,663,663	7,053,181	509,422,834	57,789	58,421	8,518,875	8,628,508	6,888,850	425,925,574
175 to 499 acres.....	173	163	6,029,366	6,030,167	4,000,000	175,016,076	61,269	50,845	15,016,076	14,807,181	13,515,668	73,516,668
500 to 999 acres.....	783	816	488,963	574,368	355,502	29,402,623	10,475	8,895	7,121,851	6,027,508	4,527,088	219,941,757
1,000 acres and over.....	112	164	217,458	264,281	121,078	9,960,580	3,300	3,559	7,291,876	9,216,056	2,576,066	138,854,948
INDIANA.												
Total.....	215,485	221,807	21,299,823	21,619,623	16,931,252	1,594,275,596	108,836	9,687	1,038,866	1,066,228	713,538	53,155,983
Under 20 acres.....	23,644	21,976	221,480	218,458	196,615	47,197,215	1,335	877	15,185	9,580	13,409	3,913,303
20 to 49 acres.....	40,161	47,670	1,384,510	1,630,252	1,155,565	111,641,607	5,493	6,650	37,150	48,424	34,271	3,061,278
50 to 99 acres.....	67,221	71,055	4,977,801	5,251,514	4,097,432	371,629,800	2,977	2,610	211,100	186,888	154,027	10,989,516
100 to 174 acres.....	49,263	45,377	7,850,480	8,030,663	6,267,774	465,787,540	2,849	2,923	359,476	370,605	249,150	16,893,322
175 to 499 acres.....	26,107	25,495	4,000,606	4,021,425	4,141,600	40,161,000	1,429	1,633	345,465	396,319	229,100	1,039,800
500 to 999 acres.....	949	1,094	591,015	601,425	418,504	12,560,000	500	599	442,860	442,860	14,083	47,300
1,000 acres and over.....	142	238	339,194	340,121	143,209	13,355,660						
Total.....	251,872	264,151	32,522,937	32,794,728	28,048,323	3,522,792,570	48,292	46,012	5,057,140	5,170,073	3,354,767	241,737,123
Under 20 acres.....	20,294	19,635	186,520	194,355	169,510	59,074,577	10,232	8,219	26,829	25,823	24,916	2,791,886
20 to 49 acres.....	35,322	41,100	1,129,398	1,411,732	973,339	111,860,899	6,262	7,683	278,402	254,342	209,115	22,791,832
50 to 99 acres.....	60,999	63,838	4,337,398	4,679,557	3,795,685	405,785,634	9,946	9,307	700,098	638,833	497,340	36,304,852
100 to 174 acres.....	50,539	51,300	10,964,517	11,005,343	9,672,197	117,168,111	11,457	11,545	1,480,213	1,494,118	1,049,236	63,818,929
175 to 499 acres.....	57,755	53,831	13,446,916	13,431,125	12,284,215	1,627,581,457	8,522	8,811	2,058,882	2,206,170	1,329,912	13,515,668
500 to 999 acres.....	1,842	2,034	1,135,951	1,235,084	849,906	116,284,311	506	591	312,911	354,833	151,285	10,724,022
1,000 acres and over.....	203	282	322,630	384,250	203,465	28,067,361	83	79	126,369	118,685	37,204	2,734,115
MICHIGAN.												
Total.....	206,960	203,261	18,640,614	17,561,698	12,832,078	1,318,209,299	127	269	6,063	8,489	5,133	3,231,343
Under 20 acres.....	14,783	13,470	137,131	130,371	121,750	28,255,364	122	154	1,039	1,469	1,000	8,723,300
20 to 49 acres.....	49,263	45,377	7,850,480	8,030,663	6,267,774	465,787,540	65	71	1,878	2,207	1,610	2,084,300
50 to 99 acres.....	73,748	71,021	5,337,069	5,308,994	5,984,818	271,485,989	31	31	1,114	2,103	812	987,000
100 to 174 acres.....	50,622	43,741	6,591,031	5,992,182	4,539,148	301,276,584	10	9	1,115	1,037	813	936,743
175 to 499 acres.....	17,143	15,179	4,125,482	3,675,739	2,602,019	174,544,335	3	2	917	773	837	500,000
500 to 999 acres.....	609	517	391,180	324,834	159,477	13,040,547						
1,000 acres and over.....	165	136	343,917	249,237	59,425	5,690,538						
Total.....	177,127	169,795	21,060,066	19,862,727	11,907,606	1,301,632,723	184,018	167,886	19,495,636	19,907,883	9,870,058	105,858,062
Under 20 acres.....	23,400	22,479	228,579	228,579	216,151	67,733,125	39,740	35,903	397,425	324,237	321,370	31,523,270
20 to 49 acres.....	54,007	52,590	4,150,977	4,037,908	2,519,479	272,687,539	42,390	35,044	1,332,113	1,125,988	891,682	49,994,079
50 to 99 acres.....	58,439	54,292	7,816,983	7,284,121	4,560,592	445,978,819	2,948	2,534	2,948,538	2,534,538	1,845,942	77,610,000
100 to 174 acres.....	29,467	26,881	7,257,787	6,640,937	5,057,101	371,308,724	32,997	32,466	4,191,039	4,102,958	2,194,055	108,338,300
175 to 499 acres.....	4,666	4,911	598,603	603,181	343,896	22,944,803	26,101	27,725	6,387,154	7,425,185	3,382,003	170,377,481
500 to 999 acres.....	3,359	3,963	2,118,081	1,871,977	1,417,491	85,679,938	3,450	4,100	2,216,101	2,616,261	973,035	53,041,674
1,000 acres and over.....	300	365	468,355	637,702	327,759	17,409,755	992	1,100	1,773,284	1,939,750	609,115	41,350,888
West North Central												
MINNESOTA.												
Total.....	156,137	154,659	27,675,823	26,248,498	16,640,533	1,262,441,426	96,685	92,874	10,626,442	10,654,513	5,521,757	264,390,517
Under 20 acres.....	19,717	18,483	171,663	163,331	39,373	14,224,838	15,399	13,881				

NUMBER, TOTAL AND IMPROVED ACREAGE, AND VALUE OF LAND AND BUILDINGS OF FARMS CLASSIFIED BY SIZE, BY STATES: 1910 AND 1900—Continued.

Table 26—Contd. STATE AND SIZE GROUP.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED ACREAGE OF FARMS.		VALUE OF LAND AND BUILDINGS.		STATE AND SIZE GROUP.	NUMBER OF FARMS.		ALL LAND IN FARMS (ACRES).		IMPROVED ACREAGE OF FARMS.		VALUE OF LAND AND BUILDINGS.		
	1910	1900	1910	1900	1910	1900	1910	1900		1910	1900	1900	1910	1900	1910	1900	1910	1900
South Atlantic—Continued.																		
GEORGIA.																		
Total.....	291,027	224,911	26,933,413	26,329,057	12,298,017	8,479,204	332,847,200	332,847,200	Mountain	26,214	13,370	13,545,603	11,844,454	3,640,309	2,521,625	930,000	1,917,013	
Under 20 acres.....	29,629	19,336	3,48,102	4,223,685	327,212	19,929,323	19,929,323	20 to 49 acres.....	2,653	891	19,286	5,631	21,399	3,462,510	1,647,265	5,462,510		
50 to 99 acres.....	117,332	73,408	3,709,280	4,421,384	3,215,007	96,117,939	96,117,939	100 to 174 acres.....	1,260	563	96,004	43,476	65,645	6,799,281	55,649	6,799,281		
175 to 499 acres.....	68,210	52,251	5,533,580	6,472,677	2,968,517	10,927,993	10,927,993	500 to 999 acres.....	10,552	5,613	1,648,534	872,023	614,439	43,134,560	33,156,560	43,134,560		
1,000 acres and over.....	42,273	41,661	5,223,132	5,150,210	2,307,863	8,772,819	8,772,819	1,000 acres and over.....	8,338	3,596	2,068,526	1,137,455	923,664	64,052,439	64,052,439	64,052,439		
175 to 499 acres.....	27,710	31,439	7,412,596	8,469,107	2,288,329	10,831,020	10,831,020	1,000 acres and over.....	2,622	1,257	641,257	900,121	599,083	38,615,276	38,615,276	38,615,276		
500 to 999 acres.....	3,559	4,718	2,694,833	3,074,445	765,659	22,471,115	22,471,115	1,000 acres and over.....	1,999	826	7,439,908	8,841,484	4,422,317	98,645,051	98,645,051	98,645,051		
1,000 acres and over.....	1,321	1,858	3,101,872	3,580,549	432,340	32,154,085	32,154,085											
FLORIDA.																		
Total.....	50,016	40,814	5,253,538	4,963,891	1,805,408	118,145,989	118,145,989	Mountain	30,807	17,471	5,283,604	3,204,900	2,778,740	245,065,825	245,065,825	245,065,825		
Under 20 acres.....	17,169	13,646	1,570,160	1,467,062	391,233	22,124,761	22,124,761	20 to 49 acres.....	4,048	1,478	144,087	54,770	113,968	19,438,414	19,438,414	19,438,414		
50 to 99 acres.....	9,996	7,874	724,563	881,560	361,791	19,023,399	19,023,399	100 to 174 acres.....	5,820	2,306	443,682	176,704	280,371	34,251,799	34,251,799	34,251,799		
175 to 499 acres.....	8,778	9,940	5,123,163	1,120,791	880,200	20,391,462	20,391,462	500 to 999 acres.....	11,891	8,998	1,793,755	1,386,079	792,797	69,712,591	69,712,591	69,712,591		
1,000 acres and over.....	6,540	4,103	1,214,621	1,097,346	388,993	21,854,842	21,854,842	1,000 acres and over.....	5,066	3,278	1,708,594	988,570	977,778	73,842,412	73,842,412	73,842,412		
175 to 499 acres.....	6,760	609	435,978	407,684	107,639	8,139,751	8,139,751	1,000 acres and over.....	621	436	610,977	286,417	204,255,159	204,255,159	204,255,159			
500 to 999 acres.....	371	278	1,068,454	628,806	160,305	10,902,532	10,902,532	1,000 acres and over.....	256	171	566,800	336,726	257,186	17,778,305	17,778,305	17,778,305		
1,000 acres and over.....																		
East South Central																		
KENTUCKY.																		
Total.....	359,185	234,067	22,189,127	21,979,422	14,534,471	635,459,372	635,459,372	Mountain	10,987	6,005	8,543,010	8,124,536	1,251,160	97,915,277	97,915,277	97,915,277		
Under 20 acres.....	58,337	51,850	8,584,214	6,658,283	1,435,951	68,341,744	68,341,744	20 to 49 acres.....	338	75	1,116	511	1,561	389,589	389,589	389,589		
50 to 99 acres.....	65,778	60,435	4,156,247	4,161,328	1,734,258	19,994,284	19,994,284	100 to 174 acres.....	645	257	49,885	21,745	33,007	2,516,865	2,516,865	2,516,865		
175 to 499 acres.....	50,134	48,564	6,282,939	6,107,837	4,117,357	156,477,945	156,477,945	500 to 999 acres.....	3,810	2,001	585,182	345,033	174,978	12,457,188	12,457,188	12,457,188		
1,000 acres and over.....	2,181	2,470	1,130,115	1,513,808	688,727	40,615,029	40,615,029	1,000 acres and over.....	3,629	1,420	1,166,263	498,963	300,228	22,662,822	22,662,822	22,662,822		
1,000 acres and over.....	441	558	828,188	985,680	216,239	19,539,078	19,539,078	1,000 acres and over.....	1,155	917	6,014,023	6,690,640	189,064	113,119,697	113,119,697	113,119,697		
TENNESSEE.																		
Total.....	246,012	224,623	20,041,657	20,342,658	10,890,884	480,522,587	480,522,587	Mountain	46,170	24,700	13,532,113	9,474,588	3,102,191	608,518,861	608,518,861			
Under 20 acres.....	47,341	33,623	5,447,622	4,310,607	3,506,673	31,506,673	31,506,673	20 to 49 acres.....	5,970	2,783	40,432	22,523	37,538	250,631	250,631	250,631		
50 to 99 acres.....	60,105	57,885	4,147,088	3,935,990	2,681,648	104,019,256	104,019,256	100 to 174 acres.....	3,882	2,122	126,209	72,403	99,671	20,479,967	20,479,967	20,479,967		
175 to 499 acres.....	41,545	42,476	5,266,026	5,371,931	2,802,232	113,199,169	113,199,169	500 to 999 acres.....	4,384	2,526	328,981	189,057	235,570	37,509,580	37,509,580	37,509,580		
1,000 acres and over.....	2,250	24,274	5,724,087	6,216,250	2,619,991	120,220,588	120,220,588	1,000 acres and over.....	1,810	1,420	1,166,263	498,963	300,228	22,662,822	22,662,822	22,662,822		
1,000 acres and over.....	1,878	2,638	1,180,042	1,283,379	422,571	23,615,950	23,615,950	1,000 acres and over.....	1,577	1,237	4,880,823	5,033,660	935,922	67,588,532	67,588,532	67,588,532		
1,000 acres and over.....	481	566	737,712	1,164,356	162,661	13,482,310	13,482,310											
ALABAMA.																		
Total.....	302,900	223,200	20,632,812	20,683,427	9,693,581	298,253,691	298,253,691	Mountain	9,227	5,008	1,246,613	1,935,327	350,173	47,285,310	47,285,310	47,285,310		
Under 20 acres.....	41,858	31,643	4,777,518	3,628,820	401,806	17,732,506	17,732,506	20 to 49 acres.....	3,346	2,689	15,496	12,830	14,367	2,532,273	2,532,273	2,532,273		
50 to 99 acres.....	106,841	80,784	3,294,559	2,579,379	2,804,670	55,174,986	55,174,986	100 to 174 acres.....	1,654	924	48,637	21,936	27,836	4,894,889	4,894,889	4,894,889		
175 to 499 acres.....	55,548	47,745	3,862,717	3,069,528	2,289,469	61,745,865	61,745,865	500 to 999 acres.....	820	674	59,047	49,856	38,273	5,862,640	5,862,640	5,862,640		
1,000 acres and over.....	2,276	2,788	1,497,097	1,808,499	374,410	16,116,322	16,116,322	1,000 acres and over.....	2,591	1,584	399,210	241,983	95,442	12,157,575	12,157,575	12,157,575		
1,000 acres and over.....	822	856	1,068,267	1,710,138	368,994	15,974,389	15,974,389											
MISSISSIPPI.																		
Total.....	274,882	230,803	18,567,533	18,249,736	9,908,310	334,102,289	334,102,289	Mountain	9,227	5,008	1,246,613	1,935,327	350,173	47,285,310	47,285,310	47,285,310		
Under 20 acres.....	66,944	42,270	7,844,944	5,726,620	883,325	36,824,417	36,824,417	20 to 49 acres.....	3,346	2,689	15,496	12,830	14,367	2,532,273	2,532,273	2,532,273		
50 to 99 acres.....	112,616	89,894	3,280,964	2,666,604	2,811,168	52,685,257	52,685,257	100 to 174 acres.....	1,654	924	48,637	21,936	27,836	4,894,889	4,894,889	4,894,889		
175 to 499 acres.....	44,645	39,469	3,124,027	2,805,402	1,616,452	55,825,671	55,825,671	500 to 999 acres.....	820	674	59,047	49,856	38,273	5,862,640	5,862,640	5,862,640		
1,000 acres and over.....	39,172	31,380	4,063,280	4,287,219	1,503,771	51,783,015	51,783,015	1,000 acres and over.....	757	411	225,941	125,102	79,633	10,120,344	10,120,344	10,120,344		
1,000 acres and over.....	17,415	18,440	4,429,889	4,983,792	1,837,939	24,966,781	24,966,781											
500 to 999 acres.....	2,061	2,461	1,665,482	1,966,195	274,420	15,985,266	15,985,266	1,000 acres and over.....	72	71	388,900	1,399,912	48,186	6,822,861	6,822,861	6,822,861		
1,000 acres and over.....	780	859	1,397,082	1,431,343	329,622	22,271,126	22,271,126											
West South Central																		
ARKANSAS.																		
Total.....	314,678	178,064	17,416,075	16,636,730	8,576,254	309,166,813	309,166,813	Mountain	2,680	2,184	2,714,757	2,565,647	752,117	39,609,339	39,609,339	39,609,339		
Under 20 acres.....	44,983	35,832	2,343,264	1,800,004	1,944,165	70,534,969	70,534,969	20 to 49 acres.....	231	235	1,474	1,976	1,683	601,713	601,713	601,713		
50 to 99 acres.....	45,373	38,595	3,299,148	2,867,527	1,799,792	63,280,620	63,280,620	100 to 174 acres.....	411	217	31,455	16,043	16,478	1,974,575	1,974,575	1,974,575		
175 to 499 acres.....	17,184	16,440	4,316,389	4,155,698	1,455,455	57,492,644	57,492,644	500 to 999 acres.....	2,681	2,205	745,164	603,089	328,168	21,858,510	21,858,510	21,858,510		
1,000 acres and over.....	398	416	821,293	748,776	187,123	15,785,443	15,785,443	1,000 acres and over.....	248	262	175,691	179,984	79,122	4,804,809	4,804,809	4,804,809		
1,000 acres and over.....																		
LOUISIANA.																		
Total.....	120,546	115,969	10,439,481	11,039,127	5,276,016	237,544,540	237,544,540	Mountain	56,192	33,202	11,712,253	8,499,297	6,373,311	571,968,457	571,968,457			
Under 20 acres.....	23,256	25,782	3,555,230	3,222,025	345,943													

CHAPTER 11.

LIVE STOCK ON FARMS AND ELSEWHERE.

Introduction.—This chapter presents in condensed form the main results of the enumeration of live stock in the United States made as of April 15, 1910, giving the statistics by geographic divisions and by states.

The census of agriculture deals in general only with farms, but in the case of domestic animals it includes also those not on farms (mainly in cities and villages), although no attempt has been made to collect statistics of poultry or bees other than on farms. This chapter presents first the statistics of live stock on farms, and later, in more condensed form, the statistics of domestic animals not on farms, and concludes with the combined totals for domestic animals on farms and elsewhere.

ALL LIVE STOCK ON FARMS.

Table 7, page 312, presents statistics of the value of live stock on farms at the last two censuses by geographic divisions and states. Data relating to domestic animals not on farms will be found on page 337, and a combination of the figures for all animals both on farms and elsewhere on page 342.

The total value of all live stock on farms in the United States on April 15, 1910, was \$4,925,000,000. Of this total, \$4,760,000,000, or 96.6 per cent, represented the value of domestic animals. During the decade the value of live stock on farms increased nearly \$1,850,000,000, or 60.1 per cent. During the same period the total value of farm property increased 100.5 per cent, the rate of increase in the principal constituent element, the value of land, being 118.1 per cent, or nearly twice as great as for live stock. The increase in the value of live stock above noted was shared by every geographic division. Much the largest absolute increases were in the West North Central and the East North Central divisions, though in percentage of increase the Pacific division ranked highest, closely followed by the South Atlantic.

Table 1 in the next column gives statistics as to the value of live stock on farms for certain larger sections of the country. The North, as the term is used in this chapter, includes the New England, Middle Atlantic, East North Central, and West North Central divisions; the South includes the South Atlantic, East South Central, and West South Central; and the West, the Mountain and Pacific divisions.

The North shows a greater absolute increase in the value of all live stock than the South and the West

The term "live stock" as used in the censuses of 1910 and 1900 comprises the common farm animals (cattle, horses, mules, asses and burros, swine, sheep, and goats), together with poultry and bees. It is obvious that in the consideration of live stock as a whole, no combination of the numbers of the different classes into one total would have any significance. No comparison can be made except on the basis of value. It should be noted, however, that the increase in the aggregate value of live stock from 1900 to 1910 is due chiefly to the increase in the average value per head of the live stock reported, as there has been no great increase in number in any important class, while some classes show a decrease.

combined, but the percentage of increase is somewhat lower in that section than in either of the others.

SECTION.	VALUE OF LIVE STOCK ON FARMS.			
	Total. ¹	Domestic animals.	Poultry.	Bees.
The North:				
1910.....	\$2,975,094,377	\$2,863,849,890	\$106,311,212	\$4,693,160
1900.....	1,897,439,200	1,835,336,173	57,123,391	4,876,407
Per ct. of increase..	56.8	56.0	86.1	0.3
The South:				
1910.....	\$1,325,405,837	\$1,284,298,714	\$37,415,336	\$3,689,547
1900.....	810,822,035	782,407,960	24,222,562	4,178,033
Per ct. of increase ² .	63.5	64.1	54.5	-11.7
The West:				
1910.....	\$624,673,396	\$611,911,489	\$10,936,672	\$1,790,908
1900.....	367,216,468	361,453,453	4,461,865	1,123,647
Per ct. of increase..	70.1	69.3	145.1	59.4
East of the Mississippi:				
1910.....	\$2,158,955,039	\$2,065,594,011	\$87,589,549	\$5,855,199
1900.....	1,332,779,097	1,275,186,606	51,136,240	6,392,366
Per ct. of increase ² .	62.0	62.0	71.3	-8.4
West of the Mississippi:				
1910.....	\$2,766,218,571	\$2,694,556,082	\$67,073,671	\$4,518,416
1900.....	1,742,698,606	1,704,010,980	34,671,578	3,783,721
Per ct. of increase..	58.7	58.1	93.5	19.4

¹ Totals include a small amount for the value of special classes of animals (buffaloes, deer, etc.), not included under "domestic animals."
² A minus sign (-) denotes decrease.

The next statement shows by percentages the distribution of the United States totals given in Table 7 among the geographic divisions and sections of the country. To aid in interpreting these figures the distribution of the total land in farms and of the total improved land is also shown.

The distribution of the value of live stock corresponds in general more closely to the distribution of improved land than to that of all land in farms, the only conspicuous exception being in the Mountain division. The West North Central, East North Central, and West South Central divisions are the most important from the standpoint of value of live stock.

The North reported in 1910 three-fifths of the total value of all live stock on farms in the United States, the South somewhat over one-fourth, and the West one-eighth.

Table 2

DIVISION OR SECTION.	PER CENT OF TOTAL FOR THE UNITED STATES.											
	All land in farms.		Im-proved land in farms.		Value of all live stock.		Value of domestic animals.		Value of poultry.		Value of bees.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	2.2	2.5	1.5	2.0	2.0	2.4	1.9	2.4	3.4	1.9	1.9	3.4
Middle Atlantic.....	4.9	5.4	6.1	7.4	7.1	8.0	6.9	7.9	11.5	11.2	11.2	11.2
East North Central.....	13.4	13.9	18.6	20.9	19.8	19.7	19.7	19.5	25.3	17.4	17.4	17.4
West North Central.....	26.5	24.0	34.3	32.7	31.5	31.6	31.6	31.8	28.6	16.7	16.7	16.7
South Atlantic.....	11.8	12.4	10.1	11.1	7.4	6.3	7.4	6.2	8.8	15.2	15.2	15.2
East South Central.....	9.3	9.7	9.2	9.7	7.5	6.9	7.5	6.8	7.7	10.8	10.8	10.8
West South Central.....	19.3	21.1	12.2	9.6	12.0	13.1	12.1	13.2	7.7	5.6	5.6	5.6
Mountain.....	6.8	5.5	3.3	2.0	7.9	7.9	8.1	8.1	3.0	7.6	7.6	7.6
Pacific.....	5.8	5.7	4.6	4.5	4.8	4.0	4.8	4.0	4.1	9.7	9.7	9.7
The North.....	47.1	45.6	60.6	63.0	60.4	61.7	60.2	61.6	68.7	47.2	47.2	47.2
The South.....	40.3	43.2	31.5	30.4	26.9	26.4	27.0	26.3	24.2	35.6	35.6	35.6
The West.....	12.6	11.2	7.9	6.6	12.7	11.9	12.9	12.1	7.1	17.3	17.3	17.3
East of the Mississippi.....	41.7	43.8	45.6	51.1	43.8	43.3	43.4	42.8	56.6	56.4	56.4	56.4
West of the Mississippi.....	58.3	56.2	54.4	48.9	56.2	56.7	56.6	57.2	43.4	43.6	43.6	43.6

Inasmuch as in each division the value of domestic animals constitutes the greater part of the value of all live stock, its distribution naturally corresponds closely to that of the total. The distribution of the value of poultry is somewhat different and that of the value of bees decidedly different. The five divisions east of the Mississippi River each reported in 1910 a much larger proportion of the value of the poultry on farms than they did of the value of domestic animals on farms, while the opposite is true of the four divisions west of the Mississippi.

DOMESTIC ANIMALS ON FARMS.

In comparing the aggregate number and value of the several classes of domestic animals as reported at the censuses of 1910 and 1900, due consideration must be given to the fact that the enumeration of 1900 was as of June 1, while that of 1910 was as of April 15. Had the census of 1910 been taken as of June 1, the number of animals—especially of cattle, swine, and sheep—would have been materially greater than reported, for the reason that a very large number of domestic animals of all kinds are born during the six weeks from April 15 to June 1. As the value per head of these animals would be relatively low, however, an enumeration at the later date would not have had the effect of increasing the total value of animals reported in anything like the same degree; in other words, the average value per head would have been lower than that based upon the figures reported for April 15.

Table 4, on the opposite page, summarizes, for the United States as a whole, the principal facts with regard to the several classes of domestic animals on farms.

The following table shows the average value of live stock per farm and per acre of land in farms:

Table 3

DIVISION.	AVERAGE SIZE OF FARMS (ACRES).		VALUE OF LIVE STOCK PER FARM.		VALUE OF LIVE STOCK PER ACRE OF FARM LAND.	
	1910	1900	1910	1900	1910	1900
	United States.....	138.1	146.2	\$774	\$536	\$5.60	$3.67
New England.....	104.4	107.1	519	390	4.97	3.64
Middle Atlantic.....	92.2	92.4	745	506	8.08	5.48
East North Central.....	105.0	102.4	809	532	8.28	5.20
West North Central.....	209.6	189.5	1,398	917	6.67	4.84
South Atlantic.....	93.3	108.4	330	202	3.53	1.80
East South Central.....	78.2	89.9	354	236	4.53	2.63
West South Central.....	179.3	233.8	625	334	3.49	2.28
Mountain.....	324.5	457.9	2,119	2,406	6.53	5.26
Pacific.....	270.3	334.8	1,242	871	4.60	2.60

The average value of live stock per farm for the United States as a whole was \$774 in 1910. The average per farm was highest in the Mountain, West North Central, and Pacific divisions, which are also divisions in which the average size of farms considerably exceeds the average for the United States. In all but one division the average value of live stock per farm was greater in 1910 than in 1900. Largely because of the great decrease in the average size of farms in the Mountain division, however, the average value per farm in that division decreased.

The value of live stock per acre of farm land in the United States as reported in 1910 was \$5.60. The highest average per acre was in the East North Central division, and the next highest in the Middle Atlantic division. In the three southern divisions the value of live stock per acre is comparatively low. Between 1900 and 1910 the value of live stock per acre increased materially in each geographic division.

While there was during the decade 1900-1910 a great increase in the total value of domestic animals, this was due chiefly to the increase in average value per head. The returns show an apparent decrease in the number of cattle, swine, and sheep, and only a comparatively slight increase in the number of horses. Had both censuses been taken as of June 1, there would probably have been much less decrease in the number of cattle and of sheep, a moderate increase in the number of swine, and a somewhat greater increase in the number of horses and of mules than is shown in Table 4.

Horses, mules, and asses and burros together contributed more than one-half (55.1 per cent) of the value of domestic animals on farms in 1910, while cattle, which contributed almost one-half (49.5 per cent) of the total in 1900, contributed less than one-third (31.5 per cent) in 1910.

It is noteworthy that a smaller proportion of all farmers reported horses in 1910 than in 1900, while a decidedly larger proportion reported mules. Swine

were reported by a smaller percentage of all farmers in 1910 than in 1900, and sheep by not only a smaller percentage, but a smaller absolute number. The proportion reporting cattle, however, increased slightly.

Table 1

	All domestic animals.	Cattle.	HORSES, MULES, AND ASSES AND BURROS.				Swine.	Sheep.	Goats.
			Total.	Horses.	Mules.	Asses and burros.			
Number of animals (April 15, 1910)		61,803,866	24,148,580	19,833,113	4,209,769	105,698	58,185,676	52,447,861	2,915,125
(June 1, 1900)		67,719,410	21,625,800	18,267,020	3,264,615	94,165	62,808,041	61,503,713	1,870,599
Increase 1.....		-5,915,544	2,522,780	1,566,093	945,154	11,533	-4,682,365	-9,053,852	1,044,526
Per cent.....		-8.7	11.7	8.6	29.0	12.2	-7.4	-14.7	55.8
Value of animals.....1910	\$1,760,060,093	\$1,499,523,607	\$2,622,180,170	\$2,053,558,195	\$525,391,563	\$13,200,112	\$399,338,308	\$232,841,585	\$6,176,423
1900	\$2,979,197,586	\$1,475,204,633	\$1,098,546,454	\$896,513,217	\$196,222,053	\$5,811,184	\$231,978,031	\$170,203,119	\$3,265,349
Increase.....	\$1,780,562,507	\$24,318,974	\$1,523,633,716	\$1,157,074,978	\$329,169,510	\$7,388,928	\$167,360,277	\$62,638,466	\$2,911,074
Per cent.....	59.8	1.6	138.7	132.4	167.8	127.1	72.1	36.8	89.1
Per cent of total value of domestic animals.....1910	100.0	31.5	55.1	43.8	11.0	0.8	8.4	4.9	0.1
1900	100.0	49.5	36.9	30.1	6.6	0.2	7.8	5.7	0.7
Average value per head.....1910		\$24.29	\$108.59	\$103.96	\$124.89	\$124.89	\$6.86	\$1.44	\$2.12
1900		\$21.78	\$30.80	\$49.08	\$60.11	\$61.71	\$3.69	\$2.77	\$1.75
Number of farms reporting.....1910	6,034,783	5,284,916	4,692,814	1,869,905	43,927	4,351,751	610,894	82,755	
1900	5,498,417	4,730,480	4,530,628	1,480,452	33,584	4,335,363	763,518	77,515	
Per cent of all farms.....1910	94.9	83.1	73.8	29.4	0.7	68.4	9.6	1.4	
1900	95.8	82.4	79.0	25.8	0.6	75.6	13.3	1.3	

1 A minus sign (-) denotes decrease.

The following statement shows the percentage which the number of each kind of animals in each geographic division or section of the country represents of the total for the United States:

Table 5

PER CENT OF TOTAL NUMBER FOR THE UNITED STATES.

DIVISION OR SECTION.	PER CENT OF TOTAL NUMBER FOR THE UNITED STATES.										
	Cattle.				Horses, mules, and asses and burros.				Swine.	Sheep.	Goats.
	Total.	Horses.	Mules.	Asses and burros.	Total.	Horses.	Mules.	Asses and burros.			
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
New England.....	2.2	1.5	1.8	(1)	0.1	0.7	0.8	0.1	0.1	0.1	
Middle Atlantic.....	6.8	5.3	6.2	1.2	0.6	3.1	3.5	0.3	0.3	0.3	
East North Central.....	15.9	19.3	22.2	6.2	5.1	24.9	18.2	1.2	1.2	1.2	
West North Central.....	28.6	31.2	34.3	17.0	21.1	36.6	9.7	3.9	3.9	3.9	
South Atlantic.....	7.8	7.7	5.6	17.8	3.2	10.2	4.8	7.2	7.2	7.2	
East South Central.....	6.4	9.0	5.8	23.8	14.9	9.3	4.8	6.8	6.8	6.8	
West South Central.....	17.3	15.2	11.8	30.6	28.2	12.1	4.2	43.8	43.8	43.8	
Mountain.....	9.8	6.2	7.2	1.2	23.7	1.1	43.4	23.3	23.3	23.3	
Pacific.....	5.2	4.6	5.1	2.2	3.1	2.0	10.7	11.4	11.4	11.4	
The North.....	53.5	57.3	64.4	24.5	27.0	65.2	32.2	5.5	5.5	5.5	
The South.....	31.6	31.9	23.2	72.2	46.2	31.7	13.7	57.8	57.8	57.8	
The West.....	15.0	10.8	12.3	3.3	26.8	3.1	54.1	36.7	36.7	36.7	
East of the Mississippi.....	39.1	42.8	41.6	49.1	24.0	48.2	32.1	15.6	15.6	15.6	
West of the Mississippi.....	60.9	57.2	58.4	50.9	76.0	51.8	67.9	84.4	84.4	84.4	

1 Less than one-tenth of 1 per cent.

The West North Central division has the largest proportion of any division of the total number in the case of cattle, of horses, mules, and asses and burros combined, and of swine, the Mountain division much the largest proportion of the sheep, and the

West South Central division much the largest proportion of the cattle. The North has more than half of the total number of cattle and nearly two-thirds of the horses and the swine; but the South has a larger proportion of the mules, asses and burros, and goats than the North or the West; while the West has more than half of the sheep of the country. The territory west of the Mississippi River contains a larger number of each kind of animals than the territory east of the river.

Table 6 shows, for 1910 and 1900, the 10 states leading in the total value of live stock on farms and in the number of the several classes or groups of domestic animals, respectively, the states being arranged in the order of their rank.

The wide distribution of most classes of live stock is indicated by the fact that the 10 states which lead in the total value of live stock together report less than one-half of the total for the United States. Texas has been at the last two censuses the leading state with respect to the number of all cattle and the number of horses, mules, and asses and burros considered together. At both censuses New York has led with respect to the number of dairy cows, and Iowa with respect to the number of swine. Wyoming had the largest number of sheep and goats, taken together, in 1910, but Montana had the greatest number in 1900.

Table 6

STATES LEADING IN VALUE OF ALL LIVE STOCK. STATES LEADING IN NUMBER OF ANIMALS ON FARMS.

Rank.	STATES LEADING IN VALUE OF ALL LIVE STOCK.		STATES LEADING IN NUMBER OF ANIMALS ON FARMS.									
			All cattle.		Dairy cows.		Horses, mules, and asses and burros.		Swine.		Sheep and goats.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
1	Iowa.....	Iowa.....	Texas.....	Texas.....	New York.....	New York.....	Texas.....	Texas.....	Iowa.....	Iowa.....	Wyoming.....	Montana.....
2	Texas.....	Texas.....	Iowa.....	Iowa.....	Wisconsin.....	Iowa.....	Illinois.....	Illinois.....	Illinois.....	Illinois.....	Montana.....	New Mexico.....
3	Illinois.....	Illinois.....	Kansas.....	Kansas.....	Iowa.....	Illinois.....	Iowa.....	Illinois.....	Missouri.....	Missouri.....	Ohio.....	Wyoming.....
4	Missouri.....	Kansas.....	Nebraska.....	Oklahoma.....	Minnesota.....	Wisconsin.....	Missouri.....	Missouri.....	Indiana.....	Nebraska.....	New Mexico.....	Ohio.....
5	Kansas.....	Wisconsin.....	Nebraska.....	Nebraska.....	Illinois.....	Pennsylvania.....	Kansas.....	Kansas.....	Nebraska.....	Indiana.....	Idaho.....	Utah.....
6	Nebraska.....	Nebraska.....	Missouri.....	Illinois.....	Texas.....	Texas.....	Ohio.....	Ohio.....	Nebraska.....	Ohio.....	Kansas.....	Texas.....
7	Ohio.....	Ohio.....	Illinois.....	Missouri.....	Pennsylvania.....	Ohio.....	Oklahoma.....	Nebraska.....	Kansas.....	Ohio.....	Oregon.....	Idaho.....
8	New York.....	New York.....	New York.....	New York.....	Ohio.....	Missouri.....	Missouri.....	Indiana.....	Texas.....	Texas.....	California.....	Michigan.....
9	Indiana.....	Indiana.....	Wisconsin.....	Wisconsin.....	Missouri.....	Minnesota.....	Indiana.....	Minnesota.....	Oklahoma.....	Wisconsin.....	California.....	California.....
10	Minnesota.....	Pennsylvania.....	California.....	Ohio.....	Michigan.....	Kansas.....	Minnesota.....	Kentucky.....	Wisconsin.....	Tennessee.....	Missouri.....	Texas.....

LIVE STOCK ON FARMS—VALUE OF THE SEVERAL CLASSES, BY DIVISIONS AND STATES: 1910 AND 1900.

[A minus sign (-) denotes decrease.]

Table 7 DIVISION OR STATE.	ALL LIVE STOCK. ¹			DOMESTIC ANIMALS.			POULTRY.			BEES.		
	1910	1900	Percent of increase.	1910	1900	Percent of increase.	1910	1900	Percent of increase.	1910	1900	Percent of increase.
United States ...	\$4,925,173,610	\$3,075,477,703	60.1	\$4,760,060,093	\$2,979,197,586	59.8	\$154,663,220	\$85,807,818	80.2	\$10,373,615	\$10,178,087	1.8
GEOGRAPHIC DIVISIONS:												
New England.....	97,896,823	74,826,332	30.8	92,402,323	70,994,088	30.2	5,238,461	3,611,668	45.0	195,959	206,151	-4.9
Middle Atlantic.....	349,159,535	245,635,518	42.1	330,213,413	234,366,768	40.9	17,775,385	10,095,094	76.1	1,166,587	1,104,531	5.2
East North Central.....	976,329,922	694,633,707	64.5	935,450,253	581,889,163	60.8	39,070,998	20,819,906	87.7	1,809,931	1,897,163	-0.1
West North Central.....	1,551,708,097	972,343,643	59.6	1,505,717,901	948,086,154	58.8	44,226,368	22,596,723	95.7	1,729,653	1,608,512	7.5
South Atlantic.....	366,534,152	104,362,808	88.6	351,328,058	184,152,273	90.8	13,031,507	8,545,899	59.5	1,574,577	1,664,636	-5.4
East South Central.....	309,034,607	213,320,732	73.0	356,043,964	203,784,314	74.7	11,873,198	8,063,673	47.2	1,117,145	1,459,835	-23.5
West South Central.....	589,537,078	403,138,495	46.3	576,926,692	394,471,373	46.3	11,910,631	7,612,900	56.5	997,825	1,033,562	-5.3
Mountain.....	388,746,522	243,836,888	59.4	383,272,141	241,842,845	58.5	4,456,963	1,362,014	241.9	784,056	492,539	59.2
Pacific.....	235,926,876	123,379,580	91.2	228,639,348	119,610,608	91.1	6,279,709	3,099,851	102.6	1,006,852	631,108	59.5
NEW ENGLAND:												
Maine.....	25,161,839	17,106,634	47.1	23,989,561	16,298,422	47.2	1,131,921	756,153	49.7	40,357	51,459	-21.6
New Hampshire.....	11,910,478	10,554,646	12.8	11,237,764	10,062,877	11.7	649,121	407,104	39.0	23,563	24,665	-4.3
Vermont.....	22,642,766	17,841,317	26.9	21,990,630	17,373,169	26.6	607,787	421,195	44.3	44,349	46,953	-6.5
Massachusetts.....	20,741,366	15,798,404	31.3	19,208,712	14,730,169	30.4	1,492,961	1,018,119	46.6	39,653	35,751	11.0
Rhode Island.....	3,276,472	2,593,659	26.3	2,902,316	2,281,817	27.2	368,018	305,947	20.6	6,128	6,795	-9.7
Connecticut.....	14,163,902	10,932,212	29.6	13,133,340	10,247,634	28.2	988,653	644,650	53.5	41,839	40,528	3.2
MIDDLE ATLANTIC:												
New York.....	183,090,844	125,583,715	45.8	174,560,058	120,673,101	44.7	7,879,358	4,310,555	82.8	646,548	593,784	8.9
New Jersey.....	24,588,639	17,612,620	39.6	22,325,469	16,269,548	37.2	2,221,610	1,300,853	70.8	41,569	39,219	6.0
Pennsylvania.....	141,480,052	102,439,183	38.1	133,327,286	97,424,119	36.9	7,674,387	4,483,486	71.2	478,179	531,578	-10.0
EAST NORTH CENTRAL:												
Ohio.....	197,332,112	125,954,616	56.7	187,523,324	120,466,134	55.7	9,532,672	5,085,921	87.4	275,726	402,561	-31.5
Indiana.....	173,860,101	109,550,761	58.7	165,867,178	105,048,528	57.9	7,762,015	4,222,409	83.8	280,473	278,864	-17.4
Illinois.....	308,804,431	193,758,037	59.4	296,619,153	186,586,020	58.7	11,696,650	6,415,033	82.3	437,625	486,164	0.3
Michigan.....	137,803,795	79,042,644	74.3	131,746,248	75,997,061	73.4	5,610,958	2,685,829	108.9	446,644	352,469	26.7
Wisconsin.....	158,529,483	96,327,649	64.6	153,700,250	93,521,430	64.3	4,468,703	2,410,714	85.4	360,530	377,105	-4.4
WEST NORTH CENTRAL:												
Minnesota.....	161,641,146	89,063,097	81.5	156,771,855	86,620,643	81.0	4,646,960	2,274,649	104.3	221,781	167,280	32.6
Iowa.....	393,003,196	278,820,096	40.9	380,201,586	271,844,034	39.9	12,269,881	6,535,464	87.7	517,329	443,923	16.5
Missouri.....	285,839,108	160,540,094	78.0	273,366,662	153,295,363	77.2	11,870,972	5,720,359	107.5	584,549	508,217	15.0
North Dakota.....	108,249,866	42,430,491	155.1	106,761,317	41,931,659	154.5	1,485,463	477,358	211.2	3,086	1,474	109.4
South Dakota.....	127,229,200	65,173,432	95.2	124,841,010	64,287,578	94.2	2,356,465	856,966	175.0	31,650	10,088	213.7
Nebraska.....	222,222,004	145,349,687	52.9	217,849,050	142,769,629	52.6	4,219,158	2,374,930	77.7	152,676	199,563	-23.5
Kansas.....	253,523,577	190,956,936	32.8	245,926,421	186,317,248	32.0	7,377,409	4,356,997	69.3	218,612	277,967	-21.4
SOUTH ATLANTIC:												
Delaware.....	6,817,123	4,111,054	65.8	6,243,368	3,733,333	67.2	560,146	337,475	56.7	13,609	20,244	-32.8
Maryland.....	32,570,134	20,855,877	56.2	30,649,961	19,636,844	56.1	1,858,570	1,158,020	60.5	61,603	61,013	1.0
District of Columbia.....	152,840	125,326	22.0	145,573	122,019	19.3	6,477	3,108	108.4	790	199	297.0
Virginia.....	74,891,438	42,076,373	78.2	71,192,843	39,831,552	78.7	3,395,962	1,866,763	80.0	302,623	308,417	-1.9
West Virginia.....	43,336,073	30,521,259	41.8	41,318,426	29,231,832	41.3	1,628,700	963,805	69.0	388,973	375,622	3.5
North Carolina.....	62,649,984	30,106,173	108.1	60,050,731	28,242,147	112.6	2,212,570	1,434,158	54.3	386,683	429,868	-10.0
South Carolina.....	45,131,380	20,199,859	123.4	43,790,143	19,167,229	128.5	1,206,615	889,953	35.6	134,622	142,677	-5.6
Georgia.....	80,393,993	35,200,307	128.4	78,118,098	33,499,653	133.2	2,088,633	1,458,055	43.3	187,242	242,769	-22.9
Florida.....	20,591,187	11,166,016	84.4	19,818,905	10,687,632	85.4	673,814	394,557	70.8	98,468	83,827	17.5
EAST SOUTH CENTRAL:												
Kentucky.....	117,486,662	73,739,106	59.3	112,605,412	70,488,187	59.8	4,461,871	2,723,221	63.8	419,379	527,098	-20.4
Tennessee.....	110,706,078	60,818,605	82.0	106,608,122	58,043,895	83.7	3,757,337	2,275,864	65.1	340,619	486,536	-30.0
Alabama.....	65,594,834	36,105,799	81.7	63,574,674	34,408,932	84.8	1,807,239	1,059,269	28.2	212,921	287,598	-26.0
Mississippi.....	75,247,033	42,657,222	76.4	73,255,756	40,843,300	79.4	1,846,751	1,465,319	11.6	144,226	158,003	-9.1
WEST SOUTH CENTRAL:												
Arkansas.....	74,058,292	37,483,771	97.6	71,794,486	35,739,425	100.9	2,063,432	1,540,006	34.0	200,049	204,340	-2.1
Louisiana.....	44,099,485	28,639,560	54.8	43,314,683	27,757,301	56.0	1,326,614	1,057,889	25.4	58,188	54,316	7.1
Oklahoma.....	152,432,792	96,208,263	58.4	148,652,983	94,746,713	56.9	3,713,943	1,416,127	162.3	64,261	24,423	41.5
Texas.....	318,046,569	240,576,955	32.5	313,104,540	236,227,934	32.6	4,806,642	3,598,968	33.6	675,827	749,483	-9.9
MOUNTAIN:												
Montana.....	85,643,187	52,161,833	64.2	84,999,659	51,724,113	64.3	628,436	296,806	111.7	32,112	8,139	294.5
Idaho.....	49,775,309	21,657,974	129.8	49,076,971	21,389,853	129.4	598,190	203,127	194.5	100,148	64,994	54.1
Wyoming.....	65,006,510	39,145,877	67.6	65,384,559	39,080,158	67.3	194,078	60,397	221.3	20,493	5,322	285.1
Colorado.....	70,161,344	49,954,311	40.5	68,840,485	49,359,781	39.5	1,012,251	393,219	157.4	308,608	195,966	58.2
New Mexico.....	43,494,679	31,727,400	37.1	43,191,913	31,644,179	36.5	256,466	62,419	310.9	46,300	20,802	122.6
Arizona.....	26,050,870	15,545,087	67.6	24,376,530	15,375,286	58.5	1,545,966	103,298	1,306.7	104,374	66,603	56.7
Utah.....	28,781,691	21,474,241	34.0	28,330,215	21,175,867	33.8	327,908	186,922	75.4	123,568	111,452	10.9
Nevada.....	19,213,930	12,169,565	57.9	19,071,869	12,093,608	57.7	93,668	55,826	67.8	48,453	20,131	140.7
PACIFIC:												
Washington.....	48,865,110	22,159,207	120.5	47,370,775	21,437,528	121.0	1,367,440	614,838	122.4	126,895	166,841	18.8
Oregon.....	59,461,828	33,917,048	75.3	58,243,921	33,172,342	75.6	1,067,743	562,824	83.3	150,164	160,382	-6.4
California.....	127,599,938	67,303,325	89.6	123,024,652	65,000,738	89.3	3,844,526	1,962,489	102.1	729,793	363,885	100.6

¹ Totals include a small amount for the value of special classes of animals (buffaloes, deer, etc.) not included under "domestic animals." ² Includes Indian Territory.

CATTLE ON FARMS.

United States as a whole.—Comparisons between the censuses of 1910 and 1900 with reference to the statistics of cattle are rendered difficult, not only by the change in the date of enumeration, already mentioned, but by changes in the definitions of the several classes of cattle which seemed necessary in view of the change in the date of enumeration.¹

The tabular statement below shows the exact desig-

nations of the various classes as they appeared upon the schedules for the two censuses, and the number reported in each class. The age limits, expressed in months, which correspond to the dates specified in 1910, and the limits, expressed in date of birth, which correspond to the ages specified in 1900, are also stated. For purposes of comparison it is necessary to combine all steers and bulls at both censuses.

Table 8 1910 (APRIL 15).			1900 (JUNE 1).			CLASSES FOR COMPARISON.				
Class as defined in schedule.	Corresponding age limits.	Number.	Class as defined in schedule.	Corresponding limits of date of birth.	Number.	Designation in comparative tables.	Number.		Nominal increase. ¹	
							1910	1900	Number.	Per cent.
Total		61,803,866	Total		67,719,410	Total	61,803,868	67,719,410	-5,915,544	- 8.7
Cows and heifers kept for milk born before Jan. 1, 1909.	Over 15½ months.	20,625,432	Cows kept for milk 2 years old and over.	Before June 1, 1898.	17,135,633	Dairy cows.....	20,625,432	17,135,633	3,489,799	20.4
Cows and heifers not kept for milk born before Jan. 1, 1909.	Over 15½ months.	12,023,682	Cows and heifers not kept for milk 2 years old and over.	Before June 1, 1898.	11,559,194	Other cows.....	12,023,682	11,559,194	464,488	4.0
Heifers born in 1909.....	3½ to 15½ months.	7,295,880	Heifers 1 and under 2 years.	June 1, 1898, to June 1, 1899.	7,174,483	Heifers.....	7,295,880	7,174,483	121,397	1.7
Steers and bulls born before Jan. 1, 1909.	Over 15½ months.	7,598,258	(Bulls 1 year and over; Steers 2 years and over.)	Before June 1, 1899.	1,315,132	Steers and bulls.	13,048,547	16,534,518	-3,485,971	-21.1
Steers and bulls born in 1909.	3½ to 15½ months.	5,450,289	Steers 1 and under 2 years.	Before June 1, 1898.	8,266,273					
Calves born after Jan. 1, 1910.	Under 3½ months.	7,806,539	Calves under 1 year.	June 1, 1898, to June 1, 1900.	6,953,113	Calves.....	7,806,539	15,315,582	-7,509,043	-49.0
					15,315,582					

¹ A minus sign (-) denotes decrease.

With respect to the total number of cattle, the comparability of the returns is affected only by the change in the date of enumeration from June 1 at the Twelfth Census to April 15 at the Thirteenth Census. The period of six weeks between April 15 and June 1 is, however, one in which an exceedingly large number of calves are born. There were at least as many cows to produce calves in 1910 as in 1900 (probably somewhat more), so that presumably had the enumeration of 1910 been made as of June 1 there would have been at least as many calves less than 1 year old as there were in 1900, namely, 15,316,000. Much the greater part of these would have consisted of calves born between January 1 and June 1, 1910, as many more calves are born during the first five months of the year than during the last seven months, and, moreover, of those born in the later months of the year a much larger proportion would be slaughtered by June 1. It is reasonable to suppose, therefore, that had the

enumeration of 1910 been made as of June 1, there would have been twelve or thirteen million calves reported as born during 1910, or five or six million more than were actually reported on April 15 as born during that year (7,807,000). On the other hand, a certain number—probably one or two million—of the older cattle would have been slaughtered or otherwise eliminated between April 15 and June 1, so that the net addition to the total number of cattle on June 1 would have been perhaps four or five million.

Instead, therefore, of a decrease in the total number of cattle from 67,719,000 on June 1, 1900, to 61,804,000 on April 15, 1910 (a decrease of 5,916,000, or 8.7 per cent), there would probably have been a decrease of not more than three million, and possibly not over one million, had the enumeration of 1910 been made as of June 1. Even a comparatively small decrease in the number of cattle, however, is significant when considered in connection with the increase of 21 per cent in population during the decade.

The number of dairy cows reported in 1910 was 20,625,000, and the number reported in 1900 was 17,136,000, so that there was a nominal increase of 20.4 per cent. The number of dairy cows, however, as reported at the census of 1910, includes all born prior to January 1, 1909, or, in other words, all over 15½ months old, while the class in 1900 included only those 2 years of age or over. It would be necessary, in order to make the 1910 figures exactly comparable with the 1900 figures, first, to subtract from the number of cows reported on April 15, 1910, the number of those cows which were born between June 1, 1908, and January 1, 1909, since these would have been counted as heif-

¹At the census of 1900 the ages of cattle, as well as of other domestic animals, were stated in years—for example, less than 1 year old, 1 to 2 years, 2 years and over. This method of reporting probably gave reasonably accurate results when the date of enumeration was June 1, but had it been employed when the date of enumeration was April 15 the results would have been unsatisfactory. That date is in the very middle of the period when the greater number of animals are born. Farmers of course do not keep accurate records of the ages of their animals, and many would have found it impossible to state on April 15, 1910, which animals were under or over 1 year or 2 years of age. Moreover, a classification which would divide a group of animals born during the same spring and put some in one class and some in another would obviously be unsatisfactory. It was therefore considered necessary at the census of 1910 to base the classification of age upon calendar years, calling for all animals born after, during, or before the year 1909, respectively. This involved radical changes in the age limits of some of the groups, as compared with those employed in 1900.

ers if the age classification had been the same, as at the census of 1900; and, second, to subtract also the number of such cows slaughtered or otherwise eliminated between April 15 and June 1, 1910. Neither of these deductions would be large, and it is certain that, after making all necessary allowances, there was a very considerable increase in the number of dairy cows.

Cows and heifers not kept for milk increased nominally by 4 per cent during the decade, but in the absence of any change in the date of enumeration or the method of classification, some little decrease would possibly have appeared in this group.

The number of animals classed as steers and bulls declined from 16,535,000 in 1900 to 13,049,000 in 1910, or 21.1 per cent, and had there been no change in the date of enumeration or method of classification the decline would have been even greater. The number of heifers at the two censuses is approximately comparable, since in each case it includes the animals born during a 12-month period. This class shows very little change in numbers between the two censuses.

Taken as a whole, the census returns show that the dairy industry is increasing in importance, while the business of raising cattle for slaughter is declining.

Table 9 shows, for 1910 and 1900, the value of the principal classes of cattle, as well as the number of farms reporting each class in 1910.

There was a very considerable increase in the total value of dairy cows, but a decrease in the value of all the other classes shown in the table.

	All cattle (including calves).	Dairy cows.	Other cows.	Heifers.	Steers and bulls.
1910—Number	1 61,803,866	20,625,432	12,023,682	7,295,880	13,048,874
Value	\$1,499,523,407	\$706,236,307	\$249,140,193	\$103,194,026	\$347,901,174
Average value	24.26	\$34.29	\$20.39	\$14.14	\$26.66
Farms report'g	5,284,916	5,140,869	1,444,773	2,374,507	.....
Per cent of all farms	83.1	80.8	22.7	37.3	.....
1900—Number	67,719,410	17,135,633	11,559,194	7,174,483	16,534,518
Value	\$1,475,204,433	\$508,616,591	\$271,302,682	\$121,528,070	\$436,407,373
Average value	\$21.75	\$29.65	\$23.47	\$16.94	\$26.40

¹ Includes 1,033,780 unclassified cattle, valued at \$21,031,774.

Divisions and states.—Table 14 (pages 316 and 317) shows, for each geographic division and each state, the number and value of the several classes of cattle on farms at the last two censuses. Table 10 below shows the percentage distribution of each class among the divisions and sections, and also the average number of all cattle (excluding calves) and of dairy cows per 1,000 acres of land in farms and of improved farm land. The distribution of calves is not shown, because the difference in climate so affects the relative number of calves born before April 15 in the different divisions that such a distribution would not represent normal conditions.

Table 10

DIVISION OR SECTION.	PER CENT OF TOTAL NUMBER IN THE UNITED STATES.														AVERAGE NUMBER PER 1,000 ACRES OF ALL LAND IN FARMS.				AVERAGE NUMBER PER 1,000 ACRES OF IMPROVED LAND IN FARMS.			
	All cattle.		All cattle (excluding calves).		Dairy cows.		Other cows.		Heifers.		Steers and bulls.		All cattle (excluding calves).		Dairy cows.		All cattle (excluding calves).		Dairy cows.			
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900		
	United States	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	61	63	23	20	113	126	43	41	
New England	2.2	2.4	2.2	2.5	4.1	5.2	0.8	0.6	1.9	2.9	0.7	0.9	59	64	43	43	161	162	116	110		
Middle Atlantic	6.8	7.0	6.5	7.2	12.6	15.2	2.1	1.3	5.8	8.1	2.0	2.6	82	84	60	58	120	112	89	85		
East North Central	15.9	15.6	15.5	15.1	23.4	23.1	7.0	4.5	17.5	16.4	10.9	13.5	71	68	41	34	94	91	54	46		
West North Central	28.6	29.7	28.4	29.4	25.8	26.4	23.8	23.9	30.1	29.9	37.6	36.2	66	77	23	23	93	114	32	33		
South Atlantic	7.8	6.5	7.9	6.7	8.8	8.1	7.6	5.6	7.5	6.0	6.7	6.2	41	34	17	13	88	76	37	30		
East South Central	6.4	5.4	6.4	5.2	7.9	7.4	4.2	2.3	7.3	5.2	6.0	5.0	42	34	20	16	79	68	37	31		
West South Central	17.3	21.0	17.5	21.2	10.9	9.5	25.8	37.6	15.9	18.8	19.4	22.7	56	63	13	9	162	279	39	41		
Mountain	9.8	8.7	10.4	9.1	2.5	1.9	21.6	19.5	9.2	8.8	11.6	9.4	95	103	9	7	354	567	32	39		
Pacific	5.2	3.8	5.2	3.7	4.0	3.1	7.1	4.7	4.8	3.8	5.2	3.5	55	41	16	11	127	103	38	29		
The North	53.5	54.6	54.6	54.2	65.9	70.0	33.7	30.3	55.3	57.4	51.1	53.1	69	74	33	31	98	109	47	46		
The South	31.6	32.9	31.8	33.0	27.6	25.0	37.6	45.5	30.7	30.0	32.1	34.0	48	48	16	12	114	137	38	34		
The West	15.0	12.5	15.6	12.8	6.5	5.1	28.7	24.2	14.0	12.6	16.8	12.9	76	71	12	9	222	247	35	32		
East of the Mississippi	39.1	36.9	38.5	36.6	56.8	59.0	21.7	14.3	40.0	38.7	26.2	28.2	57	52	32	28	95	91	54	48		
West of the Mississippi	60.9	63.1	61.5	63.4	43.2	41.0	78.3	85.7	60.0	61.3	73.8	71.8	65	71	17	15	128	164	34	35		

The West North Central division ranked first in number of all cattle (excluding calves) in 1910, with 28.4 per cent of the total number, followed by the West South Central, with 17.5 per cent, and the East North Central, with 15.5 per cent.

The distribution of dairy cows was somewhat different from that of the other classes of cattle. The West North Central division ranked first, reporting 25.8 per cent of the total number in 1910, but was very closely followed by the East North Central. The Middle Atlantic and West South Central divisions ranked third and fourth.

In the North were found 52.6 per cent of the total number of cattle (excluding calves) in 1910, and 65.9

per cent of the dairy cows; in the South, 31.8 per cent and 27.6 per cent, respectively; and in the West, 15.6 per cent of the total number of cattle (excluding calves), but only 6.5 per cent of the dairy cows.

The average number of all cattle (excluding calves) per 1,000 acres of land in farms was highest in the Mountain division, 95, the Middle Atlantic division following closely, with 82, while the South Atlantic division shows the lowest average, 41. This average is exaggerated in the Mountain division, where considerable tracts used for grazing are not reported as in farms. The divisions ranked very differently, however, with respect to the average number of dairy cows per 1,000 acres.

The following statement, based on Table 14, shows the increase or decrease in the number of each class of cattle between June 1, 1900, and April 15, 1910. The figures of the two censuses for all cattle (excluding

calves) are somewhat more nearly comparable than those for all cattle, but are not exactly comparable, the figures for 1910 being relatively somewhat too high. (see below).

Table 11

INCREASE IN NUMBER, JUNE 1, 1900, TO APRIL 15, 1910.¹

DIVISION OR SECTION.	All cattle.		All cattle (excluding calves).		Dairy cows.		Other cows.		Heifers.		Calves.		Steers and bulls.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
United States.....	5,915,544	-8.7	1,593,499	3.0	3,889,799	20.4	464,488	4.0	121,397	1.7	-7,509,043	-49.0	-3,485,971	-21.1
New England.....	-270,065	-16.8	-148,016	-11.2	-51,780	-5.8	34,940	52.4	-69,306	-33.2	-122,049	-42.1	-61,810	-41.9
Middle Atlantic.....	-509,699	-10.6	-234,470	-6.2	-5,136	-0.2	97,357	62.7	-164,030	-28.1	-266,229	-27.5	-162,631	-38.5
East North Central.....	-715,217	-8.8	482,170	6.1	867,046	21.9	317,991	61.4	90,201	8.4	-1,195,827	-45.2	-802,168	-36.0
West North Central.....	-2,441,385	-12.2	-96,683	-0.6	799,803	17.7	99,197	3.6	48,477	2.3	-2,344,702	-50.2	-1,079,305	-18.0
South Atlantic.....	407,571	9.2	773,811	22.2	427,435	30.9	298,026	41.7	112,457	26.0	-366,240	-38.9	-163,561	-15.9
East South Central.....	274,035	7.5	730,249	20.7	363,779	28.8	242,740	92.1	150,718	43.2	-456,244	-48.6	-47,420	-5.7
West South Central.....	-3,484,130	-24.5	-1,645,548	-14.8	614,599	37.6	-1,245,669	-25.6	-189,165	-14.0	-1,853,532	-59.0	-1,224,413	-32.6
Mountain.....	144,828	2.4	865,778	18.2	184,802	56.1	343,352	103.6	40,198	6.4	-720,952	-62.5	-42,751	-2.8
Pacific.....	664,550	26.2	866,208	44.7	289,191	53.9	306,584	56.2	82,547	30.5	-201,658	-33.4	98,158	16.8
The North.....	-3,925,366	-10.6	3,001	(*)	1,609,933	13.4	549,455	15.7	-85,618	-2.1	-3,928,367	-45.8	-2,105,914	-24.0
The South.....	-2,799,554	-12.6	-141,488	-0.8	1,405,813	32.8	-734,903	-14.0	84,270	3.9	-2,638,066	-53.3	-1,435,494	-25.5
The West.....	809,376	9.6	1,731,986	25.9	474,053	34.7	649,936	23.2	122,745	13.6	-922,610	-52.5	55,437	2.6
East of the Mississippi.....	-80,405	-3.2	1,603,748	8.4	1,601,344	15.8	961,024	58.3	139,280	5.0	-2,406,149	-41.6	-1,237,690	-26.9
West of the Mississippi.....	-5,110,139	-12.0	-1,002,245	(*)	1,888,455	25.9	-496,536	-5.0	-17,883	-0.4	-5,102,894	-53.5	-2,248,281	-18.6

¹ A minus sign (-) denotes decrease.

² Less than one-tenth of 1 per cent.

The total number of cattle (excluding calves) increased in the East North Central, South Atlantic, East South Central, Mountain, and Pacific divisions, but decreased in the other four divisions.

Table 12

AVERAGE VALUE PER HEAD.

DIVISION.	All cattle.	All cattle (excluding calves).	Dairy cows.	Other cows.	Heifers.	Calves.	Steers and bulls.
1910.....	\$24.26	\$26.81	\$34.24	\$22.39	\$14.14	\$8.66	\$26.66
1900.....	21.78	25.53	29.68	23.47	16.94	8.98	26.66
New England:							
1910.....	31.60	35.29	39.60	23.37	15.03	5.98	40.02
1900.....	24.21	28.04	31.62	23.63	14.82	6.82	27.72
Middle Atlantic:							
1910.....	32.77	37.96	43.25	25.53	16.83	6.36	31.25
1900.....	23.87	28.28	32.15	24.80	15.97	6.74	22.74
East North Central:							
1910.....	27.70	31.28	37.12	26.66	15.78	7.00	28.11
1900.....	23.23	28.21	31.35	29.41	18.28	8.39	27.62
West North Central:							
1910.....	25.48	28.32	33.25	26.81	14.94	6.29	29.82
1900.....	25.30	29.69	31.64	29.68	19.97	10.78	31.71
South Atlantic:							
1910.....	18.50	20.22	26.39	13.32	10.31	5.74	22.16
1900.....	14.97	17.52	21.97	11.42	10.62	5.51	18.23
East South Central:							
1910.....	19.13	21.02	26.97	15.60	10.06	5.51	19.74
1900.....	16.97	20.58	24.19	17.70	12.70	6.47	19.53
West South Central:							
1910.....	18.96	20.65	26.30	18.61	11.70	6.43	22.12
1900.....	17.68	20.20	23.03	19.96	13.95	8.71	21.48
Mountain:							
1910.....	24.13	25.35	30.69	23.89	16.36	8.30	27.41
1900.....	22.56	25.35	35.77	24.72	18.51	11.04	26.83
Pacific:							
1910.....	35.76	28.44	39.81	25.17	15.66	7.06	26.43
1900.....	22.54	26.87	35.22	25.73	18.01	8.56	24.36

Table 13

ALL CATTLE (EXCLUDING CALVES).

DAIRY COWS.

DIVISION.	ALL CATTLE (EXCLUDING CALVES).				DAIRY COWS.			
	1910	1900	1890	1880	1910	1900	1890	1880
United States.....	53,997,327	52,463,828	57,648,792	39,675,533	20,825,432	17,135,633	16,511,950	12,443,120
New England.....	1,168,328	1,316,544	1,411,822	1,503,452	841,698	893,478	822,001	746,656
Middle Atlantic.....	3,530,662	2,765,072	4,049,872	4,295,844	2,507,652	2,602,788	2,329,060	2,444,083
East North Central.....	8,369,644	7,887,474	9,033,132	7,629,400	4,829,527	3,962,451	3,752,237	2,990,852
West North Central.....	15,325,303	15,421,986	15,568,301	18,205,181	5,327,006	4,488,762	4,211,229	3,441,229
South Atlantic.....	4,264,112	3,490,301	3,890,107	3,351,511	1,810,754	1,363,319	1,369,466	1,280,761
East South Central.....	3,460,270	2,730,021	3,822,184	3,085,993	1,628,063	1,264,282	1,312,074	1,145,463
West South Central.....	9,447,815	11,093,363	10,677,962	16,619,740	2,249,553	1,634,954	1,517,583	1,002,707
Mountain.....	5,627,878	4,762,109	6,811,182	12,765,312	514,466	329,604	218,680	124,844
Pacific.....	2,803,175	1,936,967	2,384,200	1,611,243	826,115	536,924	502,078	297,249

¹ Includes estimated number of cattle on public ranges.

CATTLE ON FARMS—NUMBER AND VALUE, BY AGE AND

[See text with reference to date of enumeration and change in classification.]

Table 14 DIVISION OR STATE.	ALL CATTLE.				DAIRY COWS.				OTHER COWS.			
	Number.		Value.		Number.		Value.		Number.		Value.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
1 United States.....	61,803,866	67,719,410	\$1,499,523,807	\$1,475,204,633	20,625,432	17,135,633	\$706,236,307	\$608,616,501	12,023,682	11,559,194	\$289,160,193	\$271,302,682
2 GEOGRAPHIC DIV.												
3 New England.....	1,335,550	1,606,615	42,240,849	38,901,949	841,698	893,478	33,333,262	28,162,946	101,559	66,619	2,373,342	1,573,973
4 Middle Atlantic.....	4,252,521	4,733,220	128,685,253	112,997,472	2,597,652	2,602,788	118,338,529	83,676,301	252,577	155,250	6,447,342	3,849,692
5 E. North Central.....	9,819,097	10,532,314	271,944,120	244,710,351	4,829,527	3,962,481	179,274,884	124,214,431	837,880	519,889	22,341,550	15,291,227
6 W. North Central.....	17,647,714	20,089,099	1,449,654,307	508,193,536	5,327,606	4,527,803	177,116,333	143,239,750	2,865,372	2,766,175	76,808,285	82,692,750
7 South Atlantic.....	4,839,321	4,831,750	189,539,532	66,321,262	1,810,754	1,383,319	47,779,085	30,396,379	910,106	642,080	12,122,883	7,329,861
8 E. South Central.....	13,942,829	3,068,521	175,401,279	62,253,269	1,628,061	1,264,282	43,901,866	30,576,691	506,234	263,494	7,897,542	4,664,610
9 W. South Central.....	10,721,012	14,202,142	1,203,239,500	251,117,313	2,249,553	1,634,954	59,165,583	37,631,230	3,103,235	4,348,904	57,740,079	86,821,688
10 Mountain.....	1,606,725	5,915,899	1,146,269,549	133,449,400	514,466	329,604	20,418,519	11,790,181	2,594,190	2,250,835	61,970,884	55,634,378
11 Pacific.....	3,204,400	2,939,218	182,549,218	57,260,051	826,115	536,924	32,888,226	18,908,592	852,529	545,945	21,425,196	14,044,503
12 NEW ENGLAND:												
13 Maine.....	256,523	338,847	7,784,384	7,585,545	156,819	173,592	5,874,228	5,000,048	17,975	12,483	393,705	272,017
14 New Hampshire.....	167,831	226,792	5,240,122	5,546,630	101,278	115,036	3,916,411	3,615,534	16,175	13,102	372,250	319,086
15 Vermont.....	430,314	501,940	11,828,892	10,528,795	265,483	270,194	9,527,660	7,740,908	27,612	21,175	586,506	472,574
16 Massachusetts.....	252,416	285,944	9,345,076	8,130,917	171,936	184,502	7,815,701	6,546,954	20,100	9,946	512,381	262,090
17 Rhode Island.....	34,148	36,034	1,369,088	1,165,797	23,329	23,600	1,089,074	937,137	2,524	1,379	66,703	38,003
18 Connecticut.....	195,318	217,058	6,790,287	5,944,265	122,583	126,434	5,110,158	4,202,545	17,173	7,994	441,487	209,903
19 MIDDLE ATLANTIC:												
20 New York.....	2,423,003	2,596,389	83,062,242	62,735,174	1,509,594	1,501,608	69,110,608	48,694,512	138,461	98,466	3,739,506	2,393,248
21 New Jersey.....	222,999	239,984	8,393,117	7,199,107	154,418	157,407	7,141,572	5,840,228	14,906	7,977	423,250	235,183
22 Pennsylvania.....	1,586,519	1,896,847	47,229,894	43,063,191	933,640	943,773	36,106,349	29,141,561	99,280	80,207	2,848,686	1,221,261
23 E. NORTH CENTRAL:												
24 Ohio.....	1,837,607	2,033,313	51,403,341	46,560,246	905,125	618,239	33,963,472	24,725,382	142,261	87,400	3,671,000	2,347,072
25 Indiana.....	1,363,016	1,684,478	39,110,492	40,964,524	633,591	574,276	23,898,428	18,285,504	133,709	88,619	3,720,123	2,777,104
26 Illinois.....	2,440,577	3,104,010	73,484,754	82,170,907	1,050,223	1,007,664	41,189,997	34,279,218	281,957	228,931	8,436,327	7,238,385
27 Michigan.....	1,497,823	1,376,408	40,560,318	28,165,256	707,083	563,905	29,312,262	17,281,805	106,801	46,205	5,479,663	1,197,893
28 Wisconsin.....	2,680,074	2,314,105	67,475,224	46,849,418	1,473,965	998,397	50,910,735	29,642,522	173,152	69,094	3,934,437	1,730,773
29 W. NORTH CENTRAL:												
30 Minnesota.....	2,347,435	1,871,325	50,306,372	36,248,958	1,085,388	753,632	33,276,653	21,513,337	218,948	68,565	4,616,179	1,689,684
31 Iowa.....	4,448,006	5,367,630	118,864,139	142,518,902	1,406,792	1,423,648	48,651,418	46,349,012	614,900	461,031	17,715,974	14,315,225
32 Missouri.....	2,561,482	2,978,589	72,883,664	75,656,807	850,430	765,366	30,620,097	23,514,794	306,681	324,198	8,692,733	9,252,117
33 North Dakota.....	743,762	657,434	17,711,398	15,810,637	259,173	125,503	8,738,468	4,078,546	119,510	108,146	3,292,904	3,425,103
34 South Dakota.....	1,535,276	1,546,800	136,257,234	37,847,933	369,764	270,634	11,502,951	8,400,818	341,959	270,285	9,232,917	7,991,874
35 Nebraska.....	2,932,350	3,176,243	173,074,057	82,469,498	613,952	512,544	20,029,378	17,192,130	705,191	674,025	18,885,179	20,552,720
36 Kansas.....	1,079,403	4,491,078	180,557,443	117,640,801	736,107	676,456	24,297,388	22,191,123	558,153	859,925	14,708,399	24,866,027
37 SOUTH ATLANTIC:												
38 Delaware.....	54,986	54,180	1,648,333	1,340,885	35,708	32,591	1,315,266	993,972	3,497	1,866	78,956	46,527
39 Maryland.....	287,751	292,646	7,969,526	6,853,121	166,559	147,284	5,380,210	4,339,777	18,816	9,490	413,661	218,441
40 Dist. of Columbia.....	982	1,462	75,305	54,471	857	1,251	68,535	50,399	38	38	950	950
41 Virginia.....	1,859,067	825,512	121,124,071	16,838,847	356,284	281,876	10,285,422	6,641,677	87,697	40,735	1,789,833	868,745
42 West Virginia.....	620,288	639,782	15,800,764	14,058,427	239,539	205,601	7,563,400	5,694,302	63,740	36,870	1,544,213	886,279
43 North Carolina.....	1,700,861	624,518	11,520,054	7,667,950	308,914	233,178	7,839,055	4,426,709	106,553	61,082	1,455,032	675,729
44 South Carolina.....	1,389,832	342,898	7,088,259	4,334,714	180,842	126,684	4,719,950	2,541,723	65,319	42,235	954,236	528,133
45 Georgia.....	1,080,316	899,491	14,060,958	8,828,498	405,710	276,024	8,386,700	4,658,971	245,303	164,025	2,496,331	1,470,135
46 Florida.....	1,845,188	751,261	19,262,262	6,344,349	116,041	78,830	2,020,547	1,048,849	319,181	285,712	3,390,621	2,684,922
47 E. SOUTH CENTRAL:												
48 Kentucky.....	1,000,937	1,063,248	25,971,571	24,987,741	409,834	364,025	13,726,018	10,518,031	101,232	51,745	2,289,579	1,359,424
49 Tennessee.....	996,529	912,183	20,690,718	15,401,051	397,104	321,676	11,999,755	8,137,474	119,718	49,560	2,097,049	961,527
50 Alabama.....	1,932,428	799,734	13,469,626	9,793,556	391,536	279,263	8,569,538	5,512,940	146,354	76,560	1,691,328	997,111
51 Mississippi.....	1,012,632	873,356	15,269,364	12,070,921	429,587	299,318	9,066,555	6,408,246	138,930	85,629	1,819,676	1,346,548
52 W. SOUTH CENTRAL:												
53 Arkansas.....	1,028,071	894,335	15,460,666	11,885,627	425,730	312,577	9,522,368	6,349,801	146,199	79,557	2,077,157	1,284,763
54 Louisiana.....	1,804,795	670,295	11,605,354	8,580,996	279,097	184,815	5,912,779	3,607,033	183,550	124,769	2,650,249	1,928,524
55 Oklahoma.....	1,953,560	23,209,116	43,187,601	67,421,786	530,796	276,539	16,072,982	7,999,609	304,165	274,698	6,489,690	16,946,775
56 Texas.....	6,934,586	9,428,196	132,985,879	163,228,904	1,013,867	861,023	27,657,528	19,625,327	2,469,321	3,369,880	46,522,983	66,661,626
57 MOUNTAIN:												
58 Montana.....	1,943,147	968,387	12,744,122	25,362,016	77,527	45,036	3,407,090	1,886,580	327,798	311,513	11,259,752	9,270,977
59 Idaho.....	1,453,807	363,534	11,330,639	8,389,954	86,299	51,929	3,434,134	1,797,122	148,907	100,606	3,713,295	2,765,833
60 Wyoming.....	1,767,427	687,284	12,697,387	19,393,191	32,699	18,272	1,387,273	720,693	307,189	214,559	9,410,306	7,931,297
61 Colorado.....	1,127,737	1,433,318	31,017,303	35,532,738	144,734	100,116	5,961,316	3,797,997	405,884	483,039	11,083,972	13,807,743
62 New Mexico.....	1,081,663	901,859	20,409,965	17,977,931	51,451	16,755	1,706,201	510,408	579,601	562,865	10,924,867	9,854,024
63 Arizona.....	1,824,929	742,635	14,624,708	11,367,466	28,862	17,965	1,273,076	577,693	384,091	357,719	6,742,626	5,901,964
64 Utah.....	1,412,334	343,690	8,948,702	7,152,844	75,810	65,905	2,586,544	2,037,367	185,174	96,849	4,017,265	2,352,533
65 Nevada.....	1,449,681	385,192	19,766,723	8,273,260	17,084	13,666	662,885	462,681	210,546	153,388	4,818,802	3,749,667
66 PACIFIC:												
67 Washington.....	4,062,120	394,923	11,493,465	9,440,028	186,233	107,232	7,988,133	4,076,189	58,140	58,395	1,530,758	1,722,503
68 Oregon.....	1,725,255	700,303	11,570,685	15,164,897	172,550	122,447	6,302,765	4,093,333	217,480	183,100	5,129,426	4,559,107
69 California.....	2,077,025	1,444,624	52,785,008	32,655,146	367,332	307,245	18,597,					

LIVE STOCK ON FARMS AND ELSEWHERE.

SEX GROUPS, BY DIVISIONS AND STATES: 1910 AND 1900.

[See text with reference to date of enumeration and change in classification.]

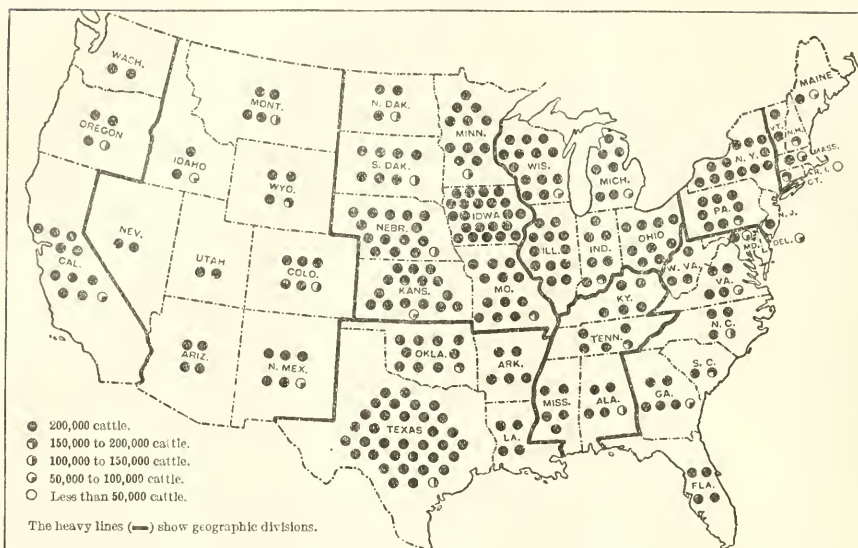
Table 11—Continued.	YEARLING HEIFERS.				CALVES.				STEERS AND BULLS.			
	Number.		Value.		Number.		Value.		Number.		Value.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
1 United States.....	7,295,890	7,174,483	\$103,194,026	\$121,528,076	7,806,539	15,315,582	\$52,000,133	\$117,237,001	13,043,547	16,534,518	\$347,901,174	\$436,467,373
GEOGRAPHIC DIVISIONS:												
2 New England.....	139,492	208,858	2,065,920	3,064,829	168,022	290,071	1,065,314	1,979,525	85,779	147,889	3,433,021	4,090,676
3 Middle Atlantic.....	420,046	584,076	7,069,138	9,327,584	701,919	968,148	4,676,025	6,526,958	200,327	422,958	8,134,119	9,616,937
4 East North Central.....	1,279,030	1,179,729	20,183,222	21,567,308	1,449,453	2,644,840	10,143,006	22,178,540	1,423,207	2,225,375	40,001,458	61,458,845
5 West North Central.....	2,193,979	2,145,502	32,779,162	42,836,754	2,322,411	4,667,113	15,465,540	50,322,843	4,903,201	5,982,506	146,200,706	189,701,439
6 South Atlantic.....	545,897	433,240	5,626,390	4,600,635	575,209	941,449	3,303,304	5,183,657	808,001	1,031,662	19,236,128	18,810,730
7 East South Central.....	532,815	372,097	5,358,607	4,726,949	482,256	938,500	2,654,890	6,071,611	782,728	830,148	15,453,820	16,213,508
8 West South Central.....	1,100,124	1,349,229	13,567,956	18,819,545	1,273,197	3,108,779	8,183,618	27,008,181	2,535,963	3,760,276	56,095,225	80,756,069
9 Mountain.....	679,930	620,722	10,975,173	11,672,879	432,847	1,153,799	3,593,978	12,236,954	1,308,185	1,550,936	41,337,919	41,615,008
10 Pacific.....	333,577	371,000	5,535,428	4,881,093	400,225	602,833	2,834,438	5,221,732	601,256	583,068	18,008,718	14,203,561
NEW ENGLAND:												
11 Maine.....	27,346	45,877	386,807	621,354	21,901	61,794	229,739	411,104	22,482	45,101	899,815	1,221,022
12 New Hampshire.....	17,932	29,574	266,545	462,468	18,603	40,434	123,908	305,895	13,843	28,646	569,978	843,827
13 Vermont.....	45,921	68,664	626,515	889,081	67,573	101,584	326,718	566,130	23,725	39,783	761,193	859,802
14 Massachusetts.....	24,587	34,452	430,164	587,090	25,571	43,621	167,200	357,542	10,222	13,363	432,630	377,251
15 Rhode Island.....	2,939	3,815	51,315	73,276	3,773	5,338	23,441	45,537	1,583	1,842	78,555	71,844
16 Connecticut.....	20,767	26,476	344,484	461,570	20,601	37,300	134,308	233,317	13,924	18,854	699,850	716,930
MIDDLE ATLANTIC:												
17 New York.....	234,728	335,844	4,186,454	5,151,703	438,329	507,140	2,785,121	3,144,954	101,891	153,331	3,240,553	3,350,757
18 New Jersey.....	17,625	23,609	334,080	470,484	27,934	39,685	217,613	349,937	8,126	11,306	276,002	363,275
19 Pennsylvania.....	167,093	224,623	2,458,604	3,705,397	235,566	421,323	1,673,291	3,032,067	150,310	258,321	4,616,964	5,902,905
EAST NORTH CENTRAL:												
20 Ohio.....	235,392	217,571	3,784,857	3,959,411	255,682	494,584	1,919,714	4,186,575	299,147	435,879	8,064,298	11,341,806
21 Indiana.....	180,545	183,103	3,119,858	3,660,138	184,153	428,109	1,525,445	4,197,197	231,018	410,281	6,846,638	12,044,051
22 Illinois.....	306,969	332,472	5,346,736	6,735,260	324,079	723,322	2,476,015	7,195,897	477,349	811,621	16,005,670	26,722,047
23 Michigan.....	205,060	161,174	3,034,174	2,685,813	236,050	375,482	1,544,581	2,490,467	182,889	229,642	4,029,648	4,509,274
24 Wisconsin.....	351,124	285,319	4,897,597	4,526,586	449,489	623,343	2,677,251	4,107,904	232,804	337,952	5,055,204	6,841,033
WEST NORTH CENTRAL:												
25 Minnesota.....	323,949	211,162	3,842,647	3,299,865	373,537	505,994	1,952,261	4,254,414	345,614	271,972	6,618,632	5,491,658
26 Iowa.....	504,219	592,076	8,714,358	12,242,669	509,003	1,290,279	3,836,951	14,413,585	1,293,062	1,600,596	39,945,438	55,198,171
27 Missouri.....	306,951	312,749	5,198,447	6,040,589	296,475	633,317	2,508,807	6,943,267	794,945	942,939	25,864,000	29,006,040
28 North Dakota.....	104,203	69,438	1,550,721	1,379,518	130,683	156,420	875,807	1,540,116	130,193	108,023	3,280,498	5,387,354
29 South Dakota.....	194,580	167,607	2,845,771	3,347,421	205,507	343,141	1,352,522	3,782,871	410,255	465,133	11,014,703	14,324,490
30 Nebraska.....	303,661	345,275	5,536,493	7,413,817	364,958	754,500	2,439,504	8,757,661	880,439	889,899	26,357,920	28,553,180
31 Kansas.....	336,417	447,295	5,090,525	9,112,935	382,248	923,462	2,640,408	10,630,929	1,048,673	1,583,940	33,110,415	50,839,787
SOUTH ATLANTIC:												
32 Delaware.....	5,260	5,773	85,828	91,933	7,153	9,363	72,031	83,940	3,368	4,987	96,152	124,513
33 Maryland.....	37,236	28,890	407,692	495,742	30,664	55,465	335,659	453,971	35,786	51,477	1,132,304	1,345,190
34 District of Columbia.....	50	76	1,742	1,357	52	69	1,366	605	23	28	3,662	1,160
35 Virginia.....	94,709	71,952	1,232,807	1,029,057	83,926	162,053	633,103	1,273,728	233,894	268,896	7,075,166	7,085,400
36 West Virginia.....	75,503	60,268	1,123,188	900,655	59,518	134,107	422,136	1,102,228	181,988	202,936	5,207,837	5,374,063
37 North Carolina.....	88,187	68,732	775,949	561,321	89,066	142,686	398,094	549,844	107,646	118,840	2,074,684	1,454,347
38 South Carolina.....	51,928	33,879	464,482	291,705	48,291	87,734	225,657	301,454	42,461	52,266	721,644	611,099
39 Georgia.....	126,554	93,585	893,207	680,407	153,886	211,579	661,368	770,965	140,928	154,251	1,529,790	1,248,017
40 Florida.....	76,480	70,445	651,425	458,458	94,253	138,383	554,400	586,919	121,907	177,881	1,394,869	1,565,201
EAST SOUTH CENTRAL:												
41 Kentucky.....	125,791	104,561	1,853,379	1,880,432	102,493	250,502	812,882	2,480,227	261,587	312,115	7,280,713	8,749,627
42 Tennessee.....	132,640	94,224	1,536,217	1,243,158	114,187	236,000	698,481	1,606,949	231,542	210,723	4,329,771	3,451,943
43 Alabama.....	131,170	83,027	873,968	703,459	115,487	213,337	454,175	826,805	141,092	147,487	1,806,707	1,753,241
44 Mississippi.....	143,196	89,985	1,095,493	899,800	150,889	238,601	689,352	1,157,630	148,507	159,823	2,027,629	2,288,697
WEST SOUTH CENTRAL:												
45 Arkansas.....	137,849	103,555	1,211,494	1,064,074	169,240	254,473	822,170	1,418,961	146,128	144,733	1,787,440	1,768,028
46 Louisiana.....	102,995	66,076	877,642	620,250	120,461	169,825	622,073	817,872	103,433	124,810	1,330,514	1,607,317
47 Oklahoma.....	202,337	\$224,763	2,650,755	\$3,061,387	261,194	\$326,230	1,690,424	\$2,302,544	619,676	\$739,896	15,236,066	\$23,811,561
48 Texas.....	716,943	954,835	8,828,095	13,473,384	722,302	2,148,261	5,048,951	19,228,804	1,666,626	2,094,197	37,147,205	43,569,763
MOUNTAIN:												
49 Montana.....	100,784	97,899	1,965,734	2,002,109	82,626	187,533	793,113	2,529,419	260,760	326,406	8,401,168	9,972,341
50 Idaho.....	53,727	40,398	851,538	762,889	49,289	56,398	373,546	883,908	85,379	84,203	2,210,866	2,180,182
51 Wyoming.....	83,896	67,888	1,658,749	1,549,469	45,987	126,770	472,620	1,788,934	254,530	229,495	8,507,899	7,402,785
52 Colorado.....	114,815	151,627	2,054,943	3,156,858	86,201	269,154	710,698	3,130,465	355,242	429,382	10,643,645	11,639,675
53 New Mexico.....	121,018	114,405	1,827,540	1,706,334	49,381	188,762	387,193	1,989,648	191,387	169,412	4,068,904	3,857,877
54 Arizona.....	93,113	73,437	1,282,024	961,818	57,887	135,181	406,341	1,133,178	178,129	158,333	3,357,651	2,792,813
55 Utah.....	50,126	40,461	685,540	681,400	33,042	78,940	235,357	729,551	61,135	61,535	1,263,869	1,352,033
56 Nevada.....	53,441	44,967	789,125	792,272	28,434	51,061	215,110	851,851	121,683	92,170	2,834,427	2,416,789
PACIFIC:												
57 Washington.....	51,995	44,113	844,480	805,325	57,188	105,130	421,618	889,058	44,831	50,053	1,286,846	1,946,963
58 Oregon.....	83,102	78,028	1,245,353	1,380,105	76,238	168,329	529,317	1,536,473	150,713	147,805	3,891,260	3,585,879
59 California.....	218,480	148,289	3,448,595	2,696,263	267,799	329,430	1,883,523	2,796,201	485,712	355,210	12,830,672	8,660,719

* Includes Indian Territory.

ABSTRACT OF THE CENSUS—AGRICULTURE.

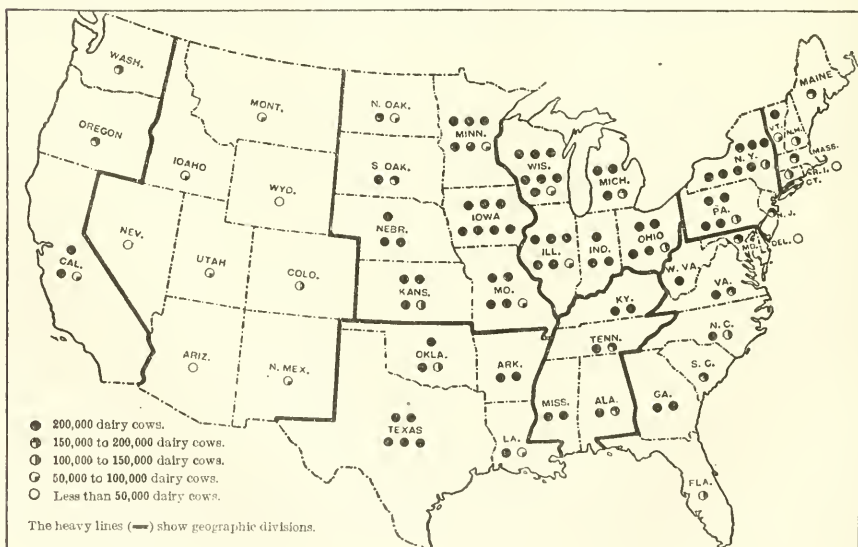
ALL CATTLE ON FARMS.

NUMBER, BY STATES: APRIL 15, 1910.



DAIRY COWS ON FARMS.

NUMBER, BY STATES: APRIL 15, 1910.



HORSES, MULES, AND ASSES AND BURROS ON FARMS.

United States as a whole.—The draft animals on farms in the United States consist mainly of horses and mules, comparatively few oxen being used. The age classification of horses and mules used in 1910 differed from that employed in 1900 in the same way as in the case of cattle, and the change in the date of enumeration also affects the returns. The data are,

however, somewhat more nearly comparable than those for cattle, because a much larger proportion of horses and mules are of mature age.

The following statement shows the definitions of the classes at each census and the number reported for the United States as a whole in each class, and also the totals for asses and burros:

Table 15			1910 (APRIL 15).			1900 (JUNE 1).			NOMINAL INCREASE. ¹	
Class as defined in schedule.	Corresponding age limits.	Number.	Class as defined in schedule.	Corresponding limits of date of birth.	Number.	Number.	Per cent.			
Horses, mules, and asses and burros.		24, 148, 580	Horses, mules, and asses and burros.		21, 625, 800	2, 522, 780	11. 7			
All horses.....		19, 833, 113	All horses.....		18, 267, 020	1, 566, 093	8. 6			
Born before Jan. 1, 1909.....	Over 15½ months.	17, 430, 418	Horses 2 years old and over.....	Before June 1, 1898.....	15, 505, 966	1, 924, 452	12. 4			
Colts born in 1909.....	3½ to 15½ months.	1, 731, 982	Horses 1 and under 2 years.....	June 1, 1898, to June 1, 1899.	1, 446, 225	285, 757	19. 8			
Colts born after Jan. 1, 1910.....	Under 3½ months.	612, 775	Colts under 1 year.....	After June 1, 1899.....	1, 314, 829	-702, 054	-53. 4			
All mules.....		4, 209, 769	All mules.....		3, 264, 615	945, 154	29. 0			
Born before Jan. 1, 1909.....	Over 15½ months.	3, 787, 316	Mules 2 years old and over.....	Before June 1, 1898.....	2, 753, 486	1, 033, 830	37. 5			
Colts born in 1909.....	3½ to 15½ months.	313, 196	Mules 1 and under 2 years.....	June 1, 1898, to June 1, 1899.	279, 501	33, 695	12. 1			
Colts born after Jan. 1, 1910.....	Under 3½ months.	109, 257	Colts under 1 year.....	After June 1, 1899.....	231, 628	-122, 371	-52. 8			
Asses and burros (all ages).....		105, 698	Asses and burros (all ages).....		94, 165	11, 533	12. 2			

¹ A minus sign (—) denotes decrease.

The total number of horses reported as on farms on April 15, 1910, was 19,833,000, as compared with 18,267,000 on June 1, 1900, an increase of 1,566,000, or 8.6 per cent. The numbers of mules at the same dates were 4,210,000 and 3,265,000, respectively, showing an increase of 945,000, or 29 per cent. Had the enumeration of 1910 been made as of June 1, however, the increase in both classes would have been somewhat greater on account of the addition of colts born between April 15 and June 1. The number of horse colts under 1 year of age reported on June 1, 1900, was 1,315,000. Assuming that the rate of increase during the decade in the number of young colts was about the same as the rate for yearlings (about 20 per cent, which, it should be noted, is a greater relative increase than that in older horses) there would have been on June 1, 1910, nearly 1,600,000 horse colts under 1 year of age. Of these, however, a comparatively small number would have been born between June 1, 1909, and January 1, 1910, and would already be included in the returns for the class of "colts born in 1909." After deducting these there would have remained on June 1, 1910, perhaps between twelve and fourteen hundred thousand colts born after January 1, 1910, or from six to eight hundred thousand more than were reported on April 15, 1910 (613,000). Since a certain number of older horses living on April 15, 1910, would have died before June 1, the addition to the total number of horses of all ages which would have resulted from an enumeration on June 1 would have been perhaps 200,000 less than this addition to the number of colts. Similar calculations in the case of mules indicate the probability that had the enumeration of

1910 been taken as of June 1, there would have been in the neighborhood of 100,000 more mules than were reported for April 15.

With respect to animals of the oldest age group, which may be roughly designated as "mature horses" and "mature mules," the fact that the minimum age limit for the group in 1910 (15½ months) was lower than in 1900 (2 years) results in throwing some animals into this group at the later census which would have been classed as "yearlings" in 1900. Even after deducting these, however, and allowing for animals dying between April 15 and June 1, the increase in mature animals during the decade would doubtless be nearly as great as indicated by the figures of the above table. The actual increase would probably be in the neighborhood of 10 or 11 per cent for mature horses and at least 30 per cent for mature mules.

There should be fairly close comparability with respect to the older group of colts, which may for convenience be roughly designated by the term "yearlings." The returns for this group at each census represent animals born during a period of 12 months. A considerable increase occurred during the decade in this group in the case of both horses and mules.

The number of horses reported in 1910 was about four and three-fourths times as great as the number of mules, whereas in 1900 there were about five and one-half times as many horses as mules.

Table 16 shows statistics with regard to the value of horses, mules, and asses and burros in the United States as a whole, and the number and percentage of farms reporting these animals.

Table 16

	All horses, mules, and asses and burros.	Horses.	Mules.	Asses and burros.
1910—Number	24,148,680	19,833,113	4,209,769	105,698
Value	\$2,622,180,170	\$2,083,588,195	\$525,391,863	\$13,200,112
Average value	\$108.59	\$105.06	\$124.80	\$124.89
Farms reporting	856,900	4,602,814	1,869,005	43,927
Per cent of all farms	100.00	73.8	29.1	0.7
1900—Number	21,625,800	18,267,020	3,264,615	94,165
Value	\$1,098,546,454	\$896,513,217	\$196,222,033	\$5,811,184
Average value	\$50.80	\$49.08	\$59.11	\$61.71
Farms reporting	856,900	4,530,628	1,480,652	33,584
Per cent of all farms	100.00	79.0	25.8	0.6

This table shows a remarkable increase in the total value, which in turn is due primarily to the great increase in value per head. The combined value of horses, mules, and asses and burros in 1910 was 138.6 per cent greater than the value in 1900.

Divisions and states.—Table 21 (pages 322 and 323) shows, for each geographic division and state, the number and value of horses, mules, and asses and burros on farms, by classes. Table 17 shows certain percentages and averages, by divisions and sections.

Table 17

PER CENT OF TOTAL NUMBER IN THE UNITED STATES.

DIVISION OR SECTION	All horses, mules, and asses and burros.																				AVERAGE NUMBER OF HORSES, MULES, AND ASSES AND BURROS.							
	All horses, mules, and asses and burros.		All horses.		Mature horses. ¹		Yearling horses. ¹		Horse colts. ¹		All mules.		Mature mules. ¹		Yearling mules. ¹		Mule colts. ¹		All asses and burros.		Per 1,000 acres of all land in farms.		Per 1,000 acres of improved land.					
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900				
United States	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	27	26	50	52
New England	1.5	1.8	1.8	2.1	2.0	2.4	0.6	0.9	0.2	0.6	(5)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	0.1	0.1	0.2	18	19	49	48	
Middle Atlantic	5.3	6.3	6.2	7.2	6.7	7.7	3.4	4.8	1.8	3.8	1.2	1.4	1.3	1.5	0.5	1.5	0.2	0.6	0.6	1.0	3.0	3.0	30	30	44	44		
East North Central	19.3	20.1	22.2	22.6	22.5	22.7	21.5	22.0	18.6	21.3	6.2	6.6	5.8	6.2	9.8	8.0	10.0	10.1	5.1	4.6	4.0	37	52	50	50			
West North Central	34.3	28.8	34.3	31.0	33.8	30.6	38.4	33.7	31.1	37.7	17.0	16.4	14.4	13.8	36.4	29.0	34.3	32.4	21.1	16.5	32	31	46	46				
South Atlantic	7.7	7.5	5.6	5.9	5.8	6.2	4.4	4.2	4.6	4.3	17.8	17.0	19.4	19.1	3.3	7.4	2.9	4.0	3.2	2.4	1.8	16	18	38	35			
East South Central	9.0	9.5	5.8	6.5	5.8	6.7	5.4	4.9	6.9	5.8	23.8	26.1	24.4	26.3	18.7	25.0	18.5	24.9	14.9	18.8	27	25	49	51				
West South Central	15.2	14.8	11.8	12.3	11.8	12.2	11.1	11.8	12.5	13.1	30.6	28.9	31.0	29.6	26.2	25.1	29.3	23.4	28.2	23.7	22	18	63	80				
Mountain	6.2	6.4	7.2	7.3	6.7	6.4	9.6	12.2	8.5	11.9	1.2	0.8	1.0	0.7	2.4	1.3	1.7	1.7	23.7	29.8	25	30	94	164				
Pacific	4.6	4.9	5.1	5.2	5.0	5.2	5.7	5.7	7.2	5.4	2.2	2.9	2.1	2.9	2.7	2.8	3.5	2.8	3.1	2.9	22	22	51	56				
The North	57.3	56.9	64.4	62.9	64.9	63.4	63.8	61.2	57.7	59.5	24.5	24.5	22.0	21.5	46.7	38.5	44.5	43.1	27.0	23.3	33	32	48	47				
The South	31.0	31.8	33.2	34.6	23.4	23.1	20.9	20.9	26.1	23.2	72.2	71.8	74.8	74.9	48.4	57.0	50.3	52.3	46.2	45.0	22	19	51	55				
The West	10.8	11.2	12.3	12.5	11.7	11.6	15.3	17.9	15.7	17.3	3.3	3.7	3.2	3.6	5.1	4.1	5.2	4.6	26.8	32.7	24	26	69	90				
East of the Mississippi River	42.8	45.2	41.6	44.2	42.7	45.6	35.2	36.8	32.0	35.8	49.1	51.1	51.0	53.0	32.3	41.8	31.2	39.7	24.0	27.0	28	27	47	46				
West of the Mississippi River	57.2	54.8	58.4	55.8	57.3	54.4	64.9	65.2	68.0	64.2	50.9	48.9	49.0	47.0	67.7	58.2	68.8	60.3	76.0	73.0	27	35	53	59				

¹ For definition of these terms at the two censuses, see page 319.

² Less than one-tenth of 1 per cent.

Of the total number of horses, mules, and asses and burros, considered together, in 1910, 31.2 per cent were reported from the West North Central division, 19.3 per cent from the East North Central, and 15.2 per cent from the West South Central, these three divisions together containing about two-thirds of the entire number. The North reported 57.3 per cent of the total, the South 31.9 per cent, and the West 10.8 per cent.

The geographic distribution of horses is quite different from that of mules. Although the use of mules is rapidly increasing in the North, it is in the South that they have been found particularly useful. In the North there were more than twelve times as many horses as mules in 1910, but in the South only about one and one-half times as many.

There is a wide difference among the several geographic divisions in the extent to which the breeding of horses and mules is carried on, as is shown by the differences between the distribution of "mature" animals and that of "yearlings" and "colts," and still more clearly by a comparison of the ratios which the numbers of "colts" or "yearlings" reported from the several divisions bear to the numbers of mature animals reported from the same divisions. At the census of 1910, the number of yearling horses (that is, those born during the year 1909) was equal in New England to only 2.9 per cent of the number of mature horses and in the Middle Atlantic division to only 5 per cent,

whereas in the West North Central division the ratio was 11.3 per cent, in the Pacific division 11.4 per cent, and in the Mountain division 14.2 per cent.

The average number of horses, mules, and asses and burros combined, in 1910, to each 1,000 acres of land in farms in the country as a whole was 27, and the average number to each 1,000 acres of improved land was 50. The East North Central division shows the largest number (40) per 1,000 acres of all land in farms, and the New England and South Atlantic divisions stand lowest, with 18 in each case. The number per 1,000 acres of improved land ranged from 94 in the Mountain division to 38 in the South Atlantic.

Table 18 shows, by divisions and sections, the increase or decrease from 1900 to 1910 in the number of horses, mules, and asses and burros. Separate data for colts are not given as they have little significance, but the totals include colts.

In the number of horses, mules, and asses and burros combined an increase took place between June 1, 1900, and April 15, 1910, in all the geographic divisions except the New England and Middle Atlantic divisions. Much the greatest increase, both absolute and relative, was in the West North Central division, but there was also a very conspicuous increase (mainly in mules) in the West South Central division. The number of mules increased in every geographic division except the Pacific.

LIVE STOCK ON FARMS AND ELSEWHERE.

321

Table 18 INCREASE IN NUMBER, JUNE 1, 1900, TO APRIL 15, 1910.¹

DIVISION OR SECTION.	All horses, mules, and asses and burros.		Horses.												Mules.						All asses and burros.	
			All horses.				Mature horses. ²				Yearlings. ²				All mules.		Mature mules. ²		Yearlings. ²			
			Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		
United States	2,522,780	11.7	1,569,893	8.8	1,924,452	12.4	265,757	19.8	945,154	29.9	1,032,839	37.6	33,885	12.1	11,533	12.2						
New England.....	230,640	-7.9	-30,941	-0.0	-21,219	-5.8	-9,329	-25.0	334	23.9	590	55.0	-80	-48.5	-33	-18.3						
Middle Atlantic.....	-77,873	-5.7	-83,757	-6.4	-33,218	-2.8	-11,400	-16.4	6,156	13.3	9,974	24.5	-2,579	-62.8	-272	-28.4						
East North Central.....	3,793	7.6	278,968	6.8	392,044	11.1	53,823	16.9	43,885	20.4	47,999	28.3	8,288	36.9	1,116	25.9						
West North Central.....	1,369,873	20.0	1,122,564	19.8	1,152,761	24.3	181,229	37.4	180,815	33.8	185,153	48.8	33,123	49.8	6,074	42.8						
South Atlantic.....	235,317	14.4	40,117	3.7	52,890	5.5	15,530	25.5	194,128	35.0	211,055	40.2	-10,730	-50.5	1,072	46.6						
East South Central.....	109,741	5.3	-41,440	-3.5	-29,720	-2.9	22,261	31.7	153,153	18.0	201,652	27.9	-11,059	-15.9	-9,172	-11.1						
West South Central.....	465,302	14.6	110,306	4.9	162,394	8.6	21,106	12.4	347,591	37.0	357,665	43.9	12,065	17.2	7,406	33.1						
Mountain.....	121,530	8.8	102,481	7.7	173,798	17.5	-10,294	-5.8	22,128	82.5	20,625	19.8	3,724	10.9	-3,079	-11.0						
Pacific.....	68,541	6.2	67,856	4.1	74,722	9.4	16,726	20.2	-3,036	-3.0	-883	-1.1	5,653	7.2	621	23.1						
The North.....	1,525,349	12.4	1,286,674	11.2	1,490,368	15.2	220,314	24.9	231,190	29.0	243,716	41.3	38,782	36.0	7,485	35.6						
The South.....	810,360	11.8	1,08,962	2.4	1,185,564	4.8	58,927	19.5	694,572	29.3	770,372	37.3	-8,374	-5.8	6,500	15.4						
The West.....	187,071	7.7	170,377	7.5	248,590	13.9	6,516	2.5	19,092	15.7	19,742	19.8	4,287	37.2	-2,458	-8.0						
East of the Mississippi River.....	1,560,534	5.7	1,162,967	2.0	1,360,777	5.1	76,915	14.5	397,686	34.8	471,270	32.3	-15,770	-13.5	-89	-0.3						
West of the Mississippi River.....	962,246	16.6	1,403,126	13.8	1,563,675	18.6	208,842	22.8	547,468	23.8	562,560	43.5	49,465	30.4	11,622	16.9						

¹ A minus sign (-) denotes decrease.

² For definition of these classes at the two censuses, see page 315.

The following table shows the average value per head of the various classes in 1910 and 1900. In comparing the averages for the two censuses the differences in classification should be kept in mind.

Table 19 AVERAGE VALUE PER HEAD.

DIVISION.	HORSES. ¹												MULES. ¹				All asses and burros.		
	All horses.				Mature horses.				Yearlings.				All mules.		Mature mules.			Yearlings.	
	1910.	1900.	1910.	1900.	1910.	1900.	1910.	1900.	1910.	1900.	1910.	1900.	1910.	1900.	1910.	1900.			
United States	\$105.06	\$112.36	\$58.82	\$33.68	\$124.80	\$131.49	\$73.04	\$41.51	\$124.89										
New England.....	62.19	126.00	69.01	49.75	163.64	167.01	87.26	43.46	87.23										
Middle Atlantic.....	124.59	76.23	56.35	31.96	75.46	78.43	58.49	39.12	34.61										
E. North Central.....	130.21	133.93	72.69	43.92	146.81	149.02	85.45	41.43	126.97										
W. North Central.....	111.17	117.71	65.68	34.57	121.05	131.56	75.11	38.93	176.69										
South Atlantic.....	110.91	119.56	61.13	33.24	126.47	141.61	79.20	42.48	221.90										
E. South Central.....	108.16	108.67	68.94	48.59	124.63	129.35	76.78	47.94	149.22										
Mountain.....	75.91	88.27	40.58	25.07	106.78	118.70	60.85	34.06	26.39										
Pacific.....	99.85	108.73	63.47	31.51	130.33	140.83	71.93	39.18	175.22										

¹ For definition of the subclasses at the two censuses, see page 319.

In the United States as a whole the average value of all horses per head in 1910 was \$105.06, as compared with \$124.80 per head for mules. The average value of "mature horses" increased from \$53.03 per head in 1900 to \$112.36 in 1910, and that of "mature mules" increased from \$64.74 to \$131.49. Even in the case of "yearlings" and "colts" the average value was much higher at the later census than at the earlier, notwithstanding the fact that the average age of the animals classed in these groups was lower. Increase in average values appeared in all of the geographic divisions for all of the age groups.

The average value of "mature horses" ranged in 1910 from \$82.96 in the West South Central division to \$133.93 in the Middle Atlantic, and that of "mature mules" from \$118.60 in the West South Central division to \$167.01 in New England.

Table 20 presents a comparison of the number of horses, mules, and asses and burros for the last four censuses. Horse and mule colts are excluded in order to make the figures more nearly comparable, but they are still not precisely comparable, the figures for 1910 being relatively too large because of the lower age limit of the colts excluded. There was a rapid increase in the combined number from 1880 to 1890, but only a comparatively moderate increase during the last two decades.

Table 20 HORSES, MULES, AND ASSES AND BURROS (EXCLUDING HORSE AND MULE COLTS).

DIVISION.	HORSES (EXCLUDING COLTS).				MULES AND ASSES AND BURROS (EXCLUDING MULE COLTS).			
	1910.	1900.	1890.	1880.	1910.	1900.	1890.	1880.
	United States	23,428,548	20,079,443	17,981,318	12,170,296	19,220,338	18,952,181	15,266,244	10,357,488
New England.....	355,667	378,708	370,100	325,662	333,894	378,352	368,849	324,068
Middle Atlantic.....	1,271,262	1,308,587	1,412,441	1,268,138	1,218,425	1,263,043	1,370,015	1,230,885
East North Central.....	4,541,623	4,038,353	4,108,809	3,278,968	4,267,697	3,841,820	3,912,858	3,072,210
West North Central.....	7,267,431	5,704,263	5,122,712	2,727,862	6,566,754	5,228,536	4,661,000	2,394,821
South Atlantic.....	1,832,821	1,562,684	1,298,151	1,148,183	1,062,968	1,014,543	890,738	821,529
East South Central.....	2,101,765	1,929,573	1,636,298	1,405,536	1,102,457	1,109,886	980,455	865,026
West South Central.....	3,440,660	2,972,969	1,921,467	1,352,570	2,256,327	2,065,983	1,147,506	1,056,367
Mountain.....	1,447,067	1,219,247	1,184,885	224,039	1,374,904	1,168,354	1,809,671	72,163
Pacific.....	1,068,312	972,698	1,862,764	439,458	976,977	881,664	1,801,126	407,965

¹ Includes estimated number of horses on public ranges.

HORSES, MULES, AND ASSES AND BURROS ON FARMS—NUMBER AND VALUE OF HORSES AND

[See text with reference to date of enumeration and change in classification.]

Table 21	DIVISION OR STATE.	ALL HORSES, MULES, AND ASSES AND BURROS.				ALL HORSES.			
		Number.		Value.		Number.		Value.	
		1910	1900	1910	1900	1910	1900	1910	1900
1	United States.....	24,148,580	21,625,800	\$2,622,180,170	\$1,088,546,454	19,833,113	18,267,020	\$2,083,588,195	\$896,513,217
GEOGRAPHIC DIVISIONS:									
2	New England.....	356,631	357,271	44,353,827	26,939,945	354,755	385,666	44,058,076	26,840,293
3	Middle Atlantic.....	1,282,787	1,360,660	167,894,567	100,033,054	1,229,686	1,313,443	160,111,903	96,509,032
4	East North Central.....	4,666,291	4,842,302	521,633,254	243,575,108	4,401,442	4,422,454	489,290,485	230,724,365
5	West North Central.....	7,532,378	6,222,505	848,994,801	317,214,020	7,794,192	5,671,808	1,753,512,291	285,306,326
6	South Atlantic.....	1,863,817	1,628,500	229,632,663	98,157,231	1,111,187	1,071,070	121,350,125	59,905,516
7	East South Central.....	2,164,134	2,054,393	245,567,291	119,072,930	1,144,599	1,186,609	118,071,299	63,019,031
8	West South Central.....	3,665,167	3,199,865	331,109,901	120,965,635	2,349,029	2,238,724	182,618,200	68,125,207
9	Mountain.....	1,501,023	1,379,493	118,493,632	32,268,440	1,527,057	1,324,576	112,606,228	31,036,960
10	Pacific.....	1,116,352	1,050,811	114,520,214	40,319,431	1,021,166	953,210	110,961,188	35,046,487
NEW ENGLAND:									
11	Maine.....	107,954	106,700	14,440,930	7,079,288	107,574	106,299	14,364,756	7,058,988
12	New Hampshire.....	46,454	54,990	5,297,663	3,848,307	46,229	54,866	5,266,889	3,840,670
13	Vermont.....	81,232	85,887	8,646,935	5,342,359	80,781	83,531	8,591,357	5,319,597
14	Massachusetts.....	64,572	75,383	8,717,159	5,488,851	64,283	75,034	8,671,997	5,826,457
15	Rhode Island.....	9,621	11,433	1,435,962	983,993	9,547	11,390	1,424,177	980,945
16	Connecticut.....	46,798	52,878	5,815,178	3,837,147	46,341	52,576	5,739,400	3,813,632
MIDDLE ATLANTIC:									
17	New York.....	595,344	632,059	80,732,061	48,215,212	591,008	628,438	80,043,302	47,977,931
18	New Jersey.....	93,016	95,955	12,630,560	7,985,766	88,922	94,024	12,012,512	7,582,274
19	Pennsylvania.....	594,427	629,616	74,522,966	43,879,076	549,756	590,981	68,065,489	40,948,827
EAST NORTH CENTRAL:									
20	Ohio.....	933,562	895,226	101,748,029	51,119,437	910,224	878,205	98,910,638	50,159,245
21	Indiana.....	897,458	819,440	97,087,669	45,475,215	813,644	751,715	87,118,468	40,411,988
22	Illinois.....	1,603,583	1,477,392	182,071,929	77,341,758	1,452,887	1,350,219	163,363,400	69,698,100
23	Michigan.....	613,966	589,570	71,830,231	30,400,225	610,033	586,550	71,312,474	35,908,557
24	Wisconsin.....	617,722	560,674	68,915,366	34,568,473	614,654	555,756	68,585,505	34,316,475
WEST NORTH CENTRAL:									
25	Minnesota.....	759,178	704,969	89,824,452	42,753,099	753,184	696,469	89,068,872	42,255,044
26	Iowa.....	1,549,364	1,450,152	185,831,154	81,458,166	1,492,226	1,392,573	177,999,124	77,720,577
27	Missouri.....	1,428,964	1,259,333	160,469,138	58,588,989	1,073,387	967,037	113,976,563	42,094,514
28	North Dakota.....	658,427	306,924	64,633,655	23,218,108	650,599	359,948	83,461,739	22,728,511
29	South Dakota.....	685,119	487,767	75,183,223	20,450,317	1,069,362	480,768	1,73,442,978	20,085,687
30	Nebraska.....	1,093,901	851,174	113,626,618	39,951,575	1,008,378	795,313	110,804,907	36,663,359
31	Kansas.....	1,360,425	1,102,186	139,420,561	50,604,426	1,147,050	979,055	112,758,108	43,758,334
SOUTH ATLANTIC:									
32	Delaware.....	39,018	34,482	4,219,899	2,113,871	33,065	29,722	3,451,791	1,767,625
33	Maryland.....	178,206	166,574	19,866,498	10,774,026	155,438	148,994	16,787,467	9,352,694
34	District of Columbia.....	617	935	69,886	33,412	564	854	55,026	37,302
35	Virginia.....	391,229	346,408	42,574,780	18,320,440	330,424	298,522	34,857,610	15,326,044
36	West Virginia.....	191,868	196,658	19,948,697	11,116,918	179,991	183,188	18,583,381	10,376,550
37	North Carolina.....	341,879	295,588	42,260,375	17,542,369	166,151	159,153	18,428,134	8,795,611
38	South Carolina.....	235,719	196,035	34,040,450	13,284,779	79,847	78,419	10,147,178	4,846,903
39	Georgia.....	416,180	335,247	58,249,853	21,562,900	120,067	127,407	14,193,839	7,092,228
40	Florida.....	69,101	56,573	8,411,225	3,368,556	45,640	42,811	4,854,699	2,290,139
EAST SOUTH CENTRAL:									
41	Kentucky.....	672,754	647,621	72,046,486	36,113,306	443,034	451,697	44,796,120	24,548,542
42	Tennessee.....	633,553	614,807	75,495,920	36,585,579	349,709	352,388	39,320,044	19,681,617
43	Alabama.....	384,054	346,532	45,372,248	21,145,789	135,636	152,643	13,651,284	7,906,121
44	Mississippi.....	473,773	445,343	52,612,637	25,228,267	216,220	229,311	20,303,851	10,882,851
WEST SOUTH CENTRAL:									
45	Arkansas.....	480,014	431,070	50,749,974	20,376,384	254,716	253,590	23,152,209	10,164,495
46	Louisiana.....	313,371	339,025	27,484,883	17,313,284	181,286	194,372	11,789,605	6,624,617
47	Oklahoma.....	1,005,748	2,630,648	93,151,190	22,788,578	1,742,959	2,521,330	1,63,651,661	16,839,012
48	Texas.....	1,866,034	1,793,122	189,723,854	60,487,449	1,170,068	1,269,432	184,024,635	34,497,083
MOUNTAIN:									
49	Montana.....	320,290	332,829	27,616,223	7,907,421	1,315,956	329,972	1,27,115,764	7,788,672
50	Idaho.....	202,155	172,275	20,413,260	4,294,618	1,197,772	170,120	19,832,423	4,123,343
51	Wyoming.....	158,348	137,184	12,703,100	3,286,842	1,156,062	138,543	12,426,838	3,225,196
52	Colorado.....	312,007	248,843	29,318,193	7,686,283	1,294,035	236,546	1,27,352,926	7,308,726
53	New Mexico.....	206,314	152,366	9,494,358	2,468,129	1,179,525	131,153	1,7,863,514	2,230,469
54	Arizona.....	110,645	133,765	4,682,567	1,857,606	1,99,578	125,003	4,309,726	1,701,905
55	Utah.....	119,113	118,888	10,225,578	3,470,718	1,115,676	115,884	1,9,999,835	3,396,313
56	Nevada.....	72,151	83,343	4,040,197	1,386,823	1,68,453	80,295	1,3,770,402	1,272,536
PACIFIC:									
57	Washington.....	292,930	246,835	31,539,551	8,705,100	1,280,572	243,985	1,29,080,849	8,560,544
58	Oregon.....	282,183	295,683	26,517,768	9,011,732	2,71,708	287,932	1,25,181,143	8,651,060
59	California.....	541,239	508,203	56,462,955	22,602,599	1,468,886	421,293	1,47,099,196	17,844,993

1 Includes unclassified animals.

2 Includes Indian Territory.

LIVE STOCK ON FARMS AND ELSEWHERE.

323

MULES, BY AGE GROUPS, AND OF ASSES AND BURROS, BY DIVISIONS AND STATES: 1910 AND 1900.

[See text with reference to date of enumeration and change in classification.]

	MATURE HORSES.				YEARLING HORSES.				HORSE COLTS.			
	Number.		Value.		Number.		Value.		Number.		Value.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
	17,430,418	15,505,966	\$1,858,554,817	\$822,317,707	1,731,982	1,446,225	\$101,883,668	\$48,238,639	612,775	1,314,829	\$20,635,631	\$25,896,871
1	343,826	365,045	43,322,612	25,840,181	9,978	13,307	688,532	742,021	951	7,344	46,932	238,091
2	1,160,154	1,193,372	155,380,823	90,970,257	58,271	69,671	4,235,865	3,927,904	11,261	50,400	494,615	1,610,841
3	3,915,956	3,623,912	460,941,612	210,406,428	371,741	317,918	24,416,182	13,561,186	113,745	280,624	3,932,691	6,756,751
4	5,896,776	4,744,015	705,002,548	259,332,434	665,741	484,621	40,695,232	16,736,828	227,438	443,272	7,559,473	9,237,004
5	1,006,489	953,569	115,636,163	56,098,624	75,474	60,944	4,755,035	2,482,859	28,224	56,527	967,927	1,324,033
6	1,009,795	1,039,515	109,635,147	57,565,865	92,662	70,371	6,388,491	3,216,928	42,142	76,153	2,047,661	2,296,238
7	2,057,662	1,895,268	170,709,873	62,673,946	191,821	170,715	8,658,033	3,259,602	92,672	172,741	2,886,634	2,191,659
8	1,166,007	992,209	102,922,196	27,114,567	165,941	176,145	6,734,082	2,624,805	52,153	156,222	1,307,304	1,297,588
9	873,753	799,031	95,003,843	32,355,375	99,353	82,633	5,312,216	1,746,506	44,189	71,546	1,392,594	944,606
11	103,505	99,510	14,076,531	6,778,904	3,705	3,955	270,476	201,548	364	2,834	17,749	78,537
12	45,073	52,821	5,192,538	3,726,007	1,081	1,543	70,269	90,816	75	702	3,582	23,847
13	77,043	79,190	8,381,854	5,072,032	3,513	3,852	200,625	181,727	225	2,489	8,878	65,838
14	63,161	71,937	8,576,453	5,619,159	948	2,298	86,054	160,121	174	789	9,490	47,177
15	9,434	11,120	1,411,234	962,429	93	179	10,833	13,779	20	91	2,110	4,740
16	45,610	50,667	5,684,062	3,701,650	638	1,480	50,275	94,030	93	429	5,123	17,952
17	562,310	578,378	78,032,682	45,556,014	25,083	30,033	1,851,349	1,771,023	3,615	20,027	159,271	650,894
18	86,032	89,144	11,725,055	7,188,643	2,207	3,054	201,762	240,380	683	1,826	85,085	153,251
19	511,812	525,850	65,623,086	38,225,630	30,981	36,584	2,182,754	1,910,501	6,963	28,547	249,649	806,696
20	814,507	755,549	93,373,221	45,725,947	73,520	67,332	4,787,578	3,037,402	22,197	55,324	749,839	1,395,996
21	174,091	644,469	81,433,050	36,968,203	71,863	54,820	4,714,861	2,365,668	27,690	52,426	970,557	1,308,117
22	1,264,202	1,126,875	152,396,336	62,604,632	138,447	115,377	9,210,361	4,575,418	50,238	107,967	1,756,703	2,518,500
23	560,936	517,135	65,278,456	33,459,482	41,474	38,406	2,775,456	1,711,541	7,623	31,018	258,562	746,534
24	562,220	479,884	65,460,549	31,657,164	46,437	41,983	2,927,926	1,871,157	5,907	33,889	197,030	788,154
25	675,509	599,566	84,779,112	39,252,715	63,069	51,399	3,840,249	2,631,557	14,606	45,504	449,511	970,772
26	1,289,973	1,134,457	165,638,084	69,370,179	159,679	133,589	10,873,651	5,359,392	42,574	124,527	1,487,338	2,991,078
27	932,209	845,646	105,564,793	38,747,107	103,615	63,214	6,820,643	2,070,506	37,503	58,177	1,591,127	1,727,129
28	564,313	299,192	78,762,790	21,054,668	61,671	32,131	3,873,395	1,127,100	24,615	28,625	825,554	546,743
29	571,800	380,985	68,788,279	18,015,647	69,966	52,659	3,759,940	1,369,292	23,723	47,124	667,466	700,748
30	870,111	655,460	96,141,203	33,061,792	100,804	73,082	5,547,013	2,316,553	37,009	68,776	1,088,946	1,284,984
31	992,801	828,709	105,328,287	39,830,326	106,937	78,447	5,980,341	2,462,398	47,318	72,539	1,449,450	1,465,610
32	29,632	26,229	3,285,872	1,641,068	2,311	1,903	133,793	84,427	1,122	1,590	32,126	42,110
33	137,278	130,114	15,886,073	8,606,416	12,318	9,938	723,072	465,204	5,842	8,942	178,322	231,074
34	563	814	54,970	55,297	24	24	1,475	1,475	1	16	56	590
35	288,859	258,974	32,552,971	14,104,537	29,972	20,291	1,891,589	780,009	11,593	19,267	413,050	441,858
36	159,557	160,278	17,419,881	9,610,189	16,973	12,963	1,047,242	501,504	3,461	11,947	116,258	264,572
37	155,949	147,419	17,845,638	8,430,054	6,834	5,927	459,952	233,882	3,368	5,807	122,544	131,675
38	76,971	72,630	9,971,960	4,615,538	2,134	3,188	146,949	161,587	742	2,701	28,269	66,778
39	114,665	118,854	13,880,577	6,802,754	3,918	4,525	253,141	189,539	1,484	4,028	90,121	99,935
40	43,015	38,387	4,738,221	2,172,751	2,014	2,185	99,297	75,232	611	2,239	17,181	42,156
41	357,795	400,283	41,190,070	22,057,785	38,089	24,927	2,737,998	1,428,700	17,150	26,487	868,052	1,062,057
42	300,327	305,426	35,981,004	18,024,501	32,698	23,109	2,467,838	993,396	16,684	23,553	871,202	663,620
43	125,264	136,073	13,110,385	7,403,511	7,347	7,846	425,172	299,118	3,025	8,724	133,492	208,492
44	196,409	197,733	19,333,688	10,020,068	14,528	14,489	757,483	495,714	5,283	17,089	192,650	367,009
45	228,479	222,696	21,878,918	9,493,085	17,382	14,179	939,768	381,735	8,855	16,815	333,523	289,075
46	164,604	168,786	11,296,815	6,184,115	11,210	12,076	368,084	274,190	5,472	13,510	124,796	166,312
47	643,418	426,708	59,223,145	15,222,452	64,996	247,635	3,295,586	2,980,188	34,111	246,987	1,110,190	2,636,372
48	1,021,161	1,077,178	78,310,995	31,773,694	98,233	96,825	4,054,595	1,623,480	44,234	95,429	1,318,125	1,099,900
49	251,134	245,284	24,411,464	6,584,595	41,491	44,850	1,785,979	539,334	11,717	39,538	245,478	364,743
50	162,710	131,076	18,185,360	3,708,771	22,449	20,832	1,166,362	278,326	8,450	18,212	269,486	136,246
51	127,275	99,077	11,259,690	2,783,644	20,638	19,754	840,676	297,109	5,078	16,712	137,177	144,443
52	254,581	185,541	25,655,549	6,487,282	29,601	27,360	1,410,805	530,164	9,388	23,645	271,777	291,200
53	145,151	97,937	7,128,138	1,943,854	17,500	16,550	369,739	177,458	4,468	16,666	63,713	99,127
54	74,788	83,804	3,681,406	1,466,117	11,276	22,283	256,106	152,878	5,775	18,076	79,422	82,610
55	94,290	90,974	9,149,915	3,026,122	14,070	13,515	660,117	247,348	4,541	11,395	132,091	122,843
56	56,077	58,516	3,450,674	1,113,852	8,916	11,001	235,298	102,188	2,736	10,778	38,160	56,296
57	241,624	191,314	27,839,750	7,794,016	27,272	30,312	1,498,683	502,760	11,071	22,359	325,941	233,668
58	229,545	234,112	23,393,536	7,903,406	30,154	27,682	1,424,342	480,133	10,081	26,138	299,005	267,551
59	402,584	373,605	43,770,557	16,657,963	41,927	24,639	2,389,191	763,613	23,067	23,049	767,648	423,427

ABSTRACT OF THE CENSUS—AGRICULTURE.

HORSES, MULES, AND ASSES AND BURROS ON FARMS—NUMBER AND VALUE OF HORSES AND MULES,

[See text with reference to date of enumeration and change in classification.]

Table 21—Continued.		ALL MULES.				MATURE MULES.					
		DIVISION OR STATE.		Number.		Value.		Number.		Value.	
		1910	1900	1910	1900	1910	1900	1910	1900		
1	United States.....	4,209,769	3,284,616	\$525,391,863	\$156,222,063	3,787,316	2,753,488	\$497,982,330	\$178,264,738		
GEOGRAPHIC DIVISIONS:											
2	New England.....	1,729	1,395	282,928	93,704	1,663	1,073	277,738	80,977		
3	Middle Atlantic.....	52,416	46,260	7,696,310	3,490,899	50,723	40,749	7,558,858	3,195,748		
4	East North Central.....	259,423	215,538	31,404,071	12,480,773	217,775	169,776	28,671,206	10,790,212		
5	West North Central.....	715,932	535,117	90,544,355	20,056,974	564,315	379,162	79,913,033	24,534,007		
6	South Atlantic.....	749,257	555,129	107,799,330	38,035,487	736,343	525,288	106,961,436	36,711,925		
7	East South Central.....	1,003,804	850,651	125,108,538	54,539,552	924,878	723,226	119,631,758	49,644,973		
8	West South Central.....	1,286,378	938,737	145,350,538	51,455,760	1,172,265	814,600	139,030,282	47,849,727		
9	Mountain.....	48,957	26,829	5,227,444	1,001,561	39,700	19,075	4,712,502	817,144		
10	Pacific.....	91,873	94,909	11,978,529	5,067,343	79,684	80,537	11,225,517	4,640,025		
NEW ENGLAND:											
11	Maine.....	358	353	72,446	19,530	342	240	71,431	15,885		
12	New Hampshire.....	195	97	29,681	6,072	185	72	28,836	5,210		
13	Vermont.....	429	331	53,540	21,847	405	280	51,615	19,902		
14	Massachusetts.....	268	268	43,385	20,685	259	214	42,905	16,945		
15	Rhode Island.....	63	38	11,155	2,835	63	38	11,155	2,770		
16	Connecticut.....	416	273	72,721	22,735	409	231	71,796	20,265		
MIDDLE ATLANTIC:											
17	New York.....	4,052	3,313	650,497	229,172	3,840	2,939	633,272	213,550		
18	New Jersey.....	4,041	4,888	621,774	354,073	3,960	4,499	616,389	330,370		
19	Pennsylvania.....	44,323	38,059	6,424,039	2,907,690	42,923	33,311	6,309,197	2,651,528		
EAST NORTH CENTRAL:											
20	Ohio.....	22,850	16,771	2,775,831	941,311	20,904	13,986	2,656,354	834,442		
21	Indiana.....	82,168	66,717	9,673,014	3,717,083	66,493	52,232	8,849,572	3,176,375		
22	Illinois.....	147,833	124,644	18,140,335	7,420,511	121,450	97,646	16,396,322	6,433,775		
23	Michigan.....	3,700	2,916	493,825	158,475	3,329	2,379	469,927	141,619		
24	Wisconsin.....	2,872	4,480	316,066	243,433	2,569	3,533	299,031	204,001		
WEST NORTH CENTRAL:											
25	Minnesota.....	5,775	8,339	732,723	486,580	5,213	6,804	697,451	422,878		
26	Iowa.....	55,524	55,747	7,551,818	3,586,761	46,485	42,452	6,877,871	3,945,575		
27	Missouri.....	342,700	283,519	43,438,702	15,482,282	265,601	194,984	37,683,467	12,401,901		
28	North Dakota.....	7,695	6,880	1,149,001	476,366	7,164	5,962	1,112,691	439,514		
29	South Dakota.....	12,424	6,804	1,668,617	346,609	10,495	5,143	1,537,901	290,856		
30	Nebraska.....	83,405	55,124	10,374,076	3,171,460	67,185	42,252	9,353,668	2,695,229		
31	Kansas.....	208,409	118,704	25,629,418	6,507,916	162,172	81,565	22,649,984	5,238,054		
SOUTH ATLANTIC:											
32	Delaware.....	5,935	4,745	764,133	345,401	5,676	4,349	748,326	322,021		
33	Maryland.....	22,667	17,511	3,043,581	1,394,522	21,498	15,970	2,967,983	1,312,922		
34	District of Columbia.....	53	81	5,860	6,050	53	81	5,960	6,050		
35	Virginia.....	60,922	47,474	7,595,516	2,941,755	56,016	40,399	7,337,186	2,665,146		
36	West Virginia.....	11,717	11,354	1,339,760	725,134	10,800	9,791	1,278,071	659,692		
37	North Carolina.....	174,711	135,610	23,699,687	8,677,298	171,135	126,934	23,472,903	8,338,970		
38	South Carolina.....	155,471	117,369	23,830,361	8,415,523	154,805	113,763	23,787,489	8,209,379		
39	Georgia.....	295,348	207,321	43,974,611	14,454,822	293,231	200,811	43,831,302	14,148,187		
40	Florida.....	23,333	13,664	3,545,821	1,074,972	23,128	13,185	3,532,316	1,049,558		
EAST SOUTH CENTRAL:											
41	Kentucky.....	225,043	190,665	26,402,000	11,106,553	195,675	149,010	24,372,211	9,571,244		
42	Tennessee.....	278,855	253,657	35,100,810	16,200,550	240,282	200,302	32,459,724	14,191,731		
43	Alabama.....	247,146	192,070	31,577,217	13,104,642	242,285	179,522	31,285,918	12,579,746		
44	Mississippi.....	255,760	214,239	32,028,421	14,128,807	246,636	194,392	31,483,905	13,302,252		
WEST SOUTH CENTRAL:											
45	Arkansas.....	222,200	175,001	27,128,027	9,989,704	206,452	155,359	26,198,831	9,346,438		
46	Louisiana.....	131,654	143,970	15,624,962	10,636,982	128,667	135,420	15,485,703	10,290,267		
47	Oklahoma.....	267,066	112,635	28,618,224	5,707,455	219,990	190,164	26,428,433	5,026,036		
48	Texas.....	678,658	507,281	73,979,145	25,121,619	617,156	433,657	70,917,315	23,186,986		
MOUNTAIN:											
49	Montana.....	4,174	2,729	445,278	102,741	3,021	1,749	330,307	77,914		
50	Idaho.....	4,036	1,793	481,301	70,542	2,993	1,309	411,147	57,679		
51	Wyoming.....	2,045	1,227	248,572	51,009	1,675	779	226,432	38,428		
52	Colorado.....	14,739	6,784	1,798,535	325,547	11,602	5,017	1,605,500	269,944		
53	New Mexico.....	14,937	5,311	1,463,012	183,132	13,175	4,118	1,376,570	159,785		
54	Arizona.....	3,963	4,077	399,449	123,539	3,507	3,080	379,905	102,882		
55	Utah.....	2,277	2,116	157,497	58,850	1,564	1,278	125,278	42,796		
56	Nevada.....	2,786	2,792	233,800	85,001	2,163	1,745	207,363	67,716		
PACIFIC:											
57	Washington.....	12,185	2,690	1,776,297	138,185	9,949	1,927	1,628,923	114,524		
58	Oregon.....	9,927	7,446	1,185,788	318,249	7,708	5,341	1,044,573	267,354		
59	California.....	69,761	84,773	9,016,444	1,610,909	61,997	73,263	8,552,021	4,258,147		

* Includes Indian Territory.

LIVE STOCK ON FARMS AND ELSEWHERE.

BY AGE GROUPS, AND OF ASSES AND BURROS, BY DIVISIONS AND STATES: 1910 AND 1900—Continued.

[See text with reference to date of enumeration and change in classification.]

	YEARLING MULES.				MULE COLTS.				ALL ASSES AND BURROS.			
	Number.		Value.		Number.		Value.		Number.		Value.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
1	313,186	278,501	\$22,874,802	\$11,765,416	109,257	231,628	\$4,536,031	\$8,201,859	106,858	84,165	\$12,206,112	\$5,811,184
2	53	103	4,625	5,585	13	219	565	7,142	147	187	12,823	5,948
3	1,529	4,108	130,657	240,269	164	1,403	6,795	54,882	685	950	86,974	33,123
4	30,725	22,437	2,307,669	997,966	10,923	23,325	425,196	692,575	5,426	4,310	958,698	369,970
5	114,108	80,985	9,037,902	3,412,773	37,509	74,970	1,593,420	2,110,194	22,254	18,580	4,938,155	1,851,320
6	10,182	20,552	732,856	1,045,582	2,732	9,289	105,008	277,980	3,373	2,301	474,208	216,228
7	58,699	69,758	4,507,036	3,214,847	20,227	57,667	969,744	1,679,732	15,713	17,703	2,347,454	1,514,347
8	82,078	70,023	5,098,096	2,438,377	32,035	84,164	1,222,020	1,167,656	29,760	22,354	3,141,343	1,384,728
9	7,454	3,730	453,560	109,017	1,803	4,024	61,382	75,400	25,009	28,088	659,960	229,919
10	8,368	7,805	602,111	290,980	3,851	6,567	150,901	136,338	3,313	2,692	880,497	205,601
11	11	21	745	970	5	92	270	2,675	22	48	3,728	769
12	7	13	725	630	3	12	120	232	20	27	1,593	1,565
13	23	13	1,865	630	1	38	60	1,315	22	25	2,038	915
14	5	27	365	1,480	4	57	115	2,260	21	51	1,777	1,709
15		2		65					11	5	630	210
16	7	27	925	1,810		20		600	41	24	3,057	780
17	191	182	16,345	9,160	21	192	880	6,162	284	338	38,262	8,109
18	61	322	4,660	20,823	20	67	725	2,844	53	43	5,274	2,455
19	1,277	3,604	109,652	210,286	123	1,144	5,190	45,876	348	576	43,438	22,550
20	1,601	1,321	107,501	60,244	345	1,464	11,976	46,525	488	250	61,560	18,981
21	9,388	7,320	694,021	324,353	3,287	7,165	133,821	216,385	1,646	1,008	291,217	116,144
22	19,181	13,194	1,467,711	585,666	7,202	13,804	276,302	401,070	2,863	2,829	568,194	223,147
23	309	188	21,641	7,856	62	349	2,257	9,000	233	93	23,932	3,193
24	246	414	16,195	19,867	27	543	840	19,625	196	428	13,795	8,505
25	444	813	31,077	39,020	118	722	4,196	24,682	219	161	22,857	11,475
26	7,657	6,807	612,601	333,830	1,482	6,488	61,346	207,356	1,614	1,832	280,212	150,768
27	57,760	47,111	4,836,869	1,939,879	19,349	41,424	918,366	1,140,802	12,877	8,777	3,063,873	1,111,893
28	421	510	31,780	25,237	110	408	4,530	11,615	133	96	22,915	13,231
29	1,863	743	116,940	30,180	918	13,776	24,873	333	195	71,626	19,021	
30	12,467	6,671	885,980	293,356	3,763	6,201	134,458	182,875	2,118	782	447,635	116,756
31	33,906	18,330	2,522,685	751,271	12,331	18,809	456,749	518,591	4,960	3,787	1,030,036	428,176
32	173	289	12,750	17,930	86	107	3,057	5,450	18	15	3,975	845
33	869	1,136	63,908	66,408	300	405	11,690	15,192	101	89	35,450	6,810
34												
35	3,170	4,196	224,565	192,701	836	2,879	33,768	83,918	783	412	121,654	52,231
36	777	852	56,018	41,149	140	711	5,671	24,293	160	116	28,586	16,234
37	2,734	5,600	196,891	266,401	842	3,076	29,893	81,927	1,017	826	132,554	69,460
38	528	3,081	37,602	187,207	137	520	5,270	18,937	401	247	62,911	22,363
39	1,754	5,021	128,492	261,684	363	1,489	14,817	44,951	765	619	81,403	45,850
40	177	377	12,660	22,102	28	102	845	3,312	128	98	10,705	3,445
41	21,240	20,945	1,640,308	935,563	8,128	20,710	389,671	600,746	4,677	5,269	848,276	459,210
42	26,486	28,674	2,150,423	1,284,211	9,087	24,681	460,653	724,608	7,989	8,852	1,075,066	703,702
43	3,743	7,853	248,218	390,664	1,118	4,696	43,081	134,232	1,272	1,819	143,747	134,826
44	7,220	12,286	468,087	606,409	1,894	7,581	76,429	220,146	1,793	1,773	280,365	216,608
45	11,203	10,908	741,838	433,326	4,546	8,734	187,368	209,940	3,098	2,479	469,738	222,186
46	2,261	6,225	130,251	293,765	626	2,325	19,008	52,950	531	683	70,226	51,686
47	25,795	11,810	1,746,555	1,426,637	11,281	10,561	443,236	1,254,782	5,723	1,273	881,306	1,242,111
48	42,819	41,080	2,489,412	1,284,640	15,583	32,544	572,418	649,984	20,408	16,409	1,720,074	868,747
49	1,023	404	61,206	12,021	130	576	3,765	12,806	160	128	55,181	16,008
50	806	209	59,849	6,610	237	275	10,305	6,233	347	362	99,992	10,733
51	325	239	20,600	9,451	45	209	1,540	3,730	241	414	27,690	10,037
52	2,408	874	165,238	33,300	833	729	27,797	22,303	3,233	5,613	132,554	52,010
53	1,458	632	77,447	15,307	704	561	8,995	8,040	11,852	15,902	163,032	64,528
54	338	552	17,167	13,354	118	445	2,377	7,273	7,104	4,628	73,092	32,162
55	575	380	28,364	9,775	138	458	3,855	6,279	1,160	888	68,246	15,555
56	521	23,689	9,169		102	607	2,748	8,716	912	256	35,996	28,886
57	1,673	322	125,887	12,992	563	441	21,787	10,609	173	160	82,405	16,481
58	1,782	1,014	124,857	30,013	437	1,091	16,358	20,882	548	306	160,777	42,423
59	4,913	6,469	351,667	247,975	2,851	5,035	112,756	104,787	2,692	2,227	347,315	146,697

ABSTRACT OF THE CENSUS—AGRICULTURE.

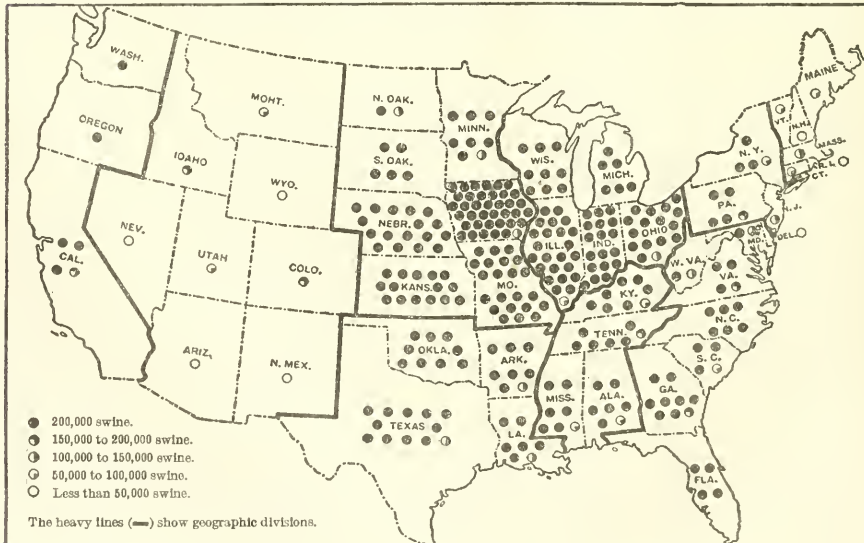
ALL HORSES, MULES, AND ASSES AND BURROS ON FARMS.

NUMBER, BY STATES: APRIL 15, 1910.



ALL SWINE ON FARMS.

NUMBER, BY STATES: APRIL 15, 1910.



SWINE ON FARMS.

United States as a whole.—The following table shows, for 1910 and 1900, the principal facts with regard to swine on farms for the United States:

	All swine.	Hogs and pigs born before Jan. 1.	Pigs born after Jan. 1.
1910—Number (April 15).....	58,185,676	35,134,097	23,051,579
Value.....	\$399,338,308	\$352,157,958	\$47,180,350
Average value.....	\$6.86	\$10.02	\$2.05
Farms reporting.....	4,351,751	4,092,391	1,868,672
Per cent of all farms.....	68.4	64.3	29.4
1900—Number (June 1).....	62,868,041	()	()
Value.....	\$231,978,031	()	()
Average value.....	\$3.69	()	()
Farms reporting.....	4,330,393	()	()
Per cent of all farms.....	75.6	()	()

¹ No age classification in 1900.

The number of swine reported for June 1, 1900, was 62,868,000 and the number reported for April 15, 1910, 58,186,000, an apparent decrease of 4,682,000, or 7.4 per cent. The change in the date of enumeration, however, has a very serious effect on the comparability of the statistics for 1900 and 1910, since the number of swine born between April 15 and June 1 undoubtedly greatly exceeds the number slaughtered during that period. It is probable that if the enumeration of 1910 had been made as of June 1 the number of swine would have been greater than in 1900, but it is impossible to make any close estimate. Notwithstanding the decrease in the number of swine at the census of 1910, as compared with that of 1900, the aggregate value of swine on farms increased from \$231,978,000 in 1900 to \$399,338,000 in 1910.

Divisions and states.—Table 25 (page 328) shows, for each geographic division and state, the number and value of swine on farms at the last two censuses. The following statement shows, by geographic divisions and sections, the distribution of swine and the increase or decrease during the decade:

DIVISION OR SECTION.	INCREASE IN NUMBER: 1900 TO 1910 ¹		PER CENT OF TOTAL NUMBER IN UNITED STATES.				AVERAGE NUMBER PER 1,000 ACRES OF LAND IN FARMS.			
	Amount.	Per cent.	All swine.		Hogs and pigs born before Jan. 1, 1910.		All swine.		Hogs and pigs born before Jan. 1, 1910.	
			1910	1900	1910	1900	1910	1900	1910	1900
United States.....	-4,682,365	-7.4	100.0	100.0	100.0	100.0	66	75	40	42
New England.....	34,443	9.5	0.7	0.6	0.7	0.7	20	18	18	14
Middle Atlantic.....	-169,186	-5.6	3.1	3.1	3.1	3.1	41	44	25	25
East North Central.....	-1,586,192	-9.9	24.9	25.5	21.7	29.6	123	138	65	65
West North Central.....	-3,145,529	-12.9	36.6	38.9	36.0	37.5	91	122	54	54
South Atlantic.....	401,158	7.2	10.2	8.8	11.0	9.1	57	53	37	37
East South Central.....	-1,206,742	-38.2	9.3	10.6	10.4	7.7	67	82	45	45
West South Central.....	619,456	9.7	12.1	10.2	13.8	9.5	42	36	29	29
Mountain.....	241,231	60.4	1.1	0.6	1.2	1.0	11	9	7	7
Pacific.....	128,986	12.2	2.0	1.7	2.1	1.9	23	22	15	15
The North.....	-4,866,464	-11.4	65.2	68.1	61.5	70.9	92	112	52	52
The South.....	-186,118	-1.0	31.7	29.6	35.2	26.2	52	51	35	35
The West.....	370,247	25.3	3.1	2.3	3.3	2.9	17	16	10	10
East of the Mississippi.....	-2,526,519	-8.3	48.2	48.6	46.9	50.1	77	83	45	45
West of the Mississippi.....	-2,155,846	-6.7	51.8	51.4	53.1	49.9	59	69	36	36

¹ A minus sign (-) denotes decrease.

In considering the geographic distribution of the total number of swine reported for April 15, 1910, it

should be noted that the number reported for that date presumably corresponds more closely to the average number on hand during the entire year in the case of some sections of the country than in the case of others, since, on account of differences in climate and in the prevailing practice as to hog raising, the proportion which the number of pigs born before April 15 represents of the entire number born during the year varies materially in different sections. Moreover, the distribution of the number of swine living on a given date does not indicate very closely the importance of the several sections of the country in the hog raising industry, for the reason that in some sections the hogs are slaughtered at an earlier average age than in other sections. In 1910 the West North Central division reported considerably more than one-third (36 per cent) of the total number of "mature" swine (that is, those born before Jan. 1, 1910) in the United States, and the East North Central division somewhat over one-fifth (21.7 per cent). Most of the remainder were in the three southern divisions. For reasons already indicated the distribution of young pigs differs somewhat from that of other swine.

In considering the increase or decrease in the number of swine of all ages it should be borne in mind that the change in the date of enumeration probably affects the comparability of the statistics for the two censuses in a more marked degree in some divisions than in others. Fewer swine were reported on April 15, 1910, than on June 1, 1900, in the Middle Atlantic, East North Central, and West North Central divisions, and also in one southern division, the East South Central, but there was an increase in the other five divisions.

The following table shows average values per head:

DIVISION	AVERAGE VALUE PER HEAD.			
	All swine.		Hogs and pigs born before Jan. 1, 1910.	Pigs born after Jan. 1, 1910.
	1910	1900		
United States.....	\$6.86	\$3.69	\$10.02	\$2.05
New England.....	10.09	6.79	13.92	4.33
Middle Atlantic.....	8.18	5.38	11.17	3.03
East North Central.....	7.10	3.82	11.64	2.04
West North Central.....	8.62	4.35	13.18	1.95
South Atlantic.....	3.83	2.29	4.94	1.76
East South Central.....	4.70	2.59	6.08	1.54
West South Central.....	4.63	2.36	5.83	1.58
Mountain.....	7.98	4.64	10.88	2.89
Pacific.....	7.02	4.11	9.53	2.75

For the United States as a whole the average value of all swine in 1910 was \$6.86, as compared with \$3.69 in 1900. Had the enumeration of 1910 been made as of June 1, however, the average value per head would have been considerably less than that based upon the values reported for April 15. The average value per head of swine born before January 1, 1910, which furnishes a better basis for comparison among divisions than that of all swine, was much lower in the three southern divisions than in the divisions of the North and West.

SWINE ON FARMS—NUMBER AND VALUE, BY DIVISIONS AND STATES: 1910 AND 1900.

[See text with reference to date of enumeration.]

Table 25 DIVISION OR STATE.	ALL SWINE.				HOGS AND PIGS BORN BEFORE JAN. 1, 1910.		PIGS BORN AFTER JAN. 1, 1910.	
	Number.		Value.		Number.	Value.	Number.	Value.
	1910	1900	1910	1900				
United States.....	58,188,676	62,868,041	\$399,338,308	\$231,978,031	36,134,097	\$352,167,958	23,051,579	\$47,180,350
GEOGRAPHIC DIVISIONS:								
New England.....	396,642	362,199	4,002,424	2,460,845	238,351	3,317,046	158,291	685,378
Middle Atlantic.....	1,790,821	1,960,007	14,656,806	10,550,806	1,076,591	12,030,104	714,230	2,626,702
East North Central.....	14,461,059	16,047,251	102,738,278	61,404,163	7,634,179	88,826,333	6,826,880	13,912,945
West North Central.....	21,281,509	24,427,938	183,466,287	106,372,079	12,642,984	166,637,349	8,638,525	16,818,938
South Atlantic.....	5,993,920	5,562,762	22,834,358	12,738,747	3,877,400	19,167,812	2,066,520	3,666,546
East South Central.....	5,438,606	6,646,348	25,551,000	15,865,699	3,664,939	22,256,815	1,773,667	3,264,385
West South Central.....	7,021,945	6,402,479	32,631,977	16,367,505	4,842,112	28,318,907	2,179,832	4,319,890
Mountain.....	4,640,911	399,680	5,114,499	1,853,665	408,069	4,441,908	232,842	672,691
Pacific.....	1,180,263	1,061,277	8,382,679	4,364,622	749,472	7,139,804	440,791	1,212,875
NEW ENGLAND:								
Maine.....	87,186	79,018	948,094	516,015	54,326	804,966	32,830	143,129
New Hampshire.....	45,237	51,211	504,174	357,573	28,506	431,978	16,732	72,201
Vermont.....	94,821	95,060	974,779	620,109	54,537	798,831	40,284	175,945
Massachusetts.....	103,018	78,925	978,989	549,617	62,368	809,431	40,650	169,558
Rhode Island.....	14,038	11,608	123,647	90,614	8,167	98,492	5,881	25,155
Connecticut.....	52,372	46,447	472,741	326,857	30,468	373,354	21,914	99,387
MIDDLE ATLANTIC:								
New York.....	666,179	676,639	5,906,272	3,794,332	364,375	4,098,066	301,804	1,207,206
New Jersey.....	147,006	175,387	1,127,400	926,179	86,699	935,728	60,306	191,312
Pennsylvania.....	977,637	1,107,981	7,624,494	5,830,285	628,517	6,396,210	352,120	1,228,184
EAST NORTH CENTRAL:								
Ohio.....	3,105,627	3,188,663	19,412,730	11,813,168	1,574,009	16,150,493	1,531,618	3,232,237
Indiana.....	3,613,906	3,763,389	23,739,586	13,904,983	1,908,258	20,433,328	1,707,648	3,306,258
Illinois.....	4,686,362	5,916,468	36,210,179	23,616,781	2,603,062	32,416,905	2,083,000	3,703,374
Michigan.....	1,245,833	1,165,200	9,755,042	4,688,898	658,921	8,284,483	589,912	1,470,559
Wisconsin.....	1,809,331	2,014,631	13,620,741	7,580,423	894,928	11,510,224	914,402	2,110,517
WEST NORTH CENTRAL:								
Minnesota.....	1,520,257	1,440,806	13,929,127	5,865,590	833,970	12,277,431	686,287	1,651,696
Iowa.....	7,645,833	9,728,791	69,693,218	43,764,176	4,299,499	63,976,564	3,246,354	5,716,664
Missouri.....	4,438,194	4,824,664	31,937,573	16,633,935	2,800,281	28,578,552	1,637,913	3,359,021
North Dakota.....	331,603	191,798	3,162,909	930,470	199,707	2,797,423	131,896	355,456
South Dakota.....	1,009,721	823,120	10,387,093	3,540,072	658,181	9,598,656	351,540	738,437
Nebraska.....	3,436,724	4,128,000	29,649,482	18,660,932	1,970,896	27,157,456	1,404,829	2,492,026
Kansas.....	3,000,167	3,594,859	17,076,885	17,076,904	1,880,461	22,251,277	1,119,706	2,465,908
SOUTH ATLANTIC:								
Delaware.....	49,260	46,732	337,910	234,472	34,101	288,364	15,159	49,546
Maryland.....	301,583	317,902	1,765,857	1,329,143	196,415	1,476,180	105,188	289,677
District of Columbia.....	665	802	9,382	4,097	435	7,831	230	1,551
Virginia.....	797,645	946,443	4,165,650	2,672,524	526,328	3,607,001	271,307	658,679
West Virginia.....	328,188	442,844	2,087,392	1,389,808	211,463	1,779,060	118,725	308,342
North Carolina.....	1,227,625	1,300,469	4,638,046	2,516,410	802,279	3,861,361	425,346	776,685
South Carolina.....	665,211	618,995	2,562,344	1,411,516	421,973	2,168,347	243,238	393,997
Georgia.....	1,783,684	1,424,298	5,429,016	2,677,950	1,141,385	4,547,835	642,299	881,181
Florida.....	810,069	464,277	1,848,731	702,827	643,021	1,541,843	287,048	368,888
EAST SOUTH CENTRAL:								
Kentucky.....	1,491,816	1,954,637	8,951,692	5,176,183	1,038,488	7,934,000	453,328	1,017,692
Tennessee.....	1,877,938	1,976,964	7,929,622	4,838,713	1,031,137	6,893,762	356,801	735,860
Alabama.....	1,266,733	1,423,229	4,356,820	2,887,230	816,446	3,678,608	451,287	678,012
Mississippi.....	1,292,119	1,290,498	4,913,166	2,963,573	779,868	4,080,345	512,251	832,821
WEST SOUTH CENTRAL:								
Arkansas.....	1,518,947	1,718,307	5,170,924	2,981,309	1,150,767	4,607,067	368,180	563,867
Louisiana.....	1,227,605	788,425	3,824,046	1,494,284	838,321	3,183,728	489,284	640,318
Oklahoma.....	1,839,030	1,235,133	11,997,641	4,286,225	1,211,876	10,440,178	627,154	1,557,463
Texas.....	2,336,363	2,665,614	11,639,366	7,605,687	1,641,148	10,081,124	695,215	1,658,242
MOUNTAIN:								
Montana.....	99,261	49,496	858,829	281,402	56,342	720,365	42,919	138,464
Idaho.....	178,346	114,080	1,398,727	480,338	118,097	1,246,634	59,409	152,093
Wyoming.....	33,947	15,471	301,716	78,145	23,301	271,694	10,646	30,022
Colorado.....	179,294	101,198	1,568,158	482,722	110,922	1,360,907	68,372	207,251
New Mexico.....	45,409	20,426	276,861	81,644	31,784	241,613	13,625	34,088
Arizona.....	17,208	15,103	113,714	80,587	10,422	91,479	6,786	22,235
Utah.....	64,286	65,732	445,653	293,115	42,107	382,284	22,179	63,809
Nevada.....	23,160	15,174	151,851	75,712	14,284	126,632	8,876	25,219
PACIFIC:								
Washington.....	206,135	181,535	1,674,927	830,704	127,356	1,431,286	78,779	243,641
Oregon.....	217,577	281,406	1,570,949	1,057,037	139,306	1,361,694	78,271	309,255
California.....	766,551	599,336	5,106,803	2,476,781	482,610	4,346,824	283,741	769,979

* Includes Indian Territory.

Table 26 shows the number of swine reported at each of the last four censuses. The figures for 1910, as already stated, are not closely comparable with the others. The increase in the number of swine since 1880 has fallen far short of keeping pace with the growth of population. It is probable, however, that, on account of the improvement in methods of raising and marketing swine, the increase in the actual annual production for market (both in number and in weight) has been more rapid than the increase in the number of hogs and pigs living on any given date, as shown in this table.

Table 26

DIVISION.	SWINE.			
	1910	1900	1890	1880
United States.....	56,188,676	62,866,041	57,424,859	45,772,870
New England.....	536,642	322,199	407,590	362,153
Middle Atlantic.....	1,790,521	1,965,007	2,345,759	2,138,944
East North Central.....	14,461,059	16,047,251	14,995,448	13,590,908
West North Central.....	21,281,509	24,427,038	22,629,184	14,527,709
South Atlantic.....	5,963,920	5,558,762	5,082,321	5,720,132
East South Central.....	5,438,606	6,045,348	6,544,683	6,793,009
West South Central.....	7,021,945	6,402,479	4,353,903	5,422,141
Mountain.....	640,911	399,680	175,429	105,015
Pacific.....	1,190,283	1,061,277	1,892,542	1,095,688

¹ Includes estimated number of swine on public ranges.

SHEEP AND GOATS ON FARMS.

United States as a whole.—The effect of the change in the date of enumeration and method of classification in rendering the statistics of the last two censuses incomparable is probably somewhat greater in the case of sheep than in the case of cattle. No

age classification was made at either census for swine.

The following statement shows the designations applied to the several classes of sheep at each of the last two censuses and the number reported in each class, and also the totals for goats:

1910 (APRIL 15).			1900 (JUNE 1).			NOMINAL INCREASE. ¹	
Class as defined on schedule.	Corresponding age limits.	Number.	Class as defined on schedule.	Corresponding limits of date of birth.	Number.	Number.	Per cent.
All sheep and goats.....		55,362,986	All sheep and goats.....		63,374,312	+8,011,326	-12.6
Sheep and lambs.....		52,447,861	Sheep and lambs.....		61,503,713	-9,055,852	-14.7
Ewes born before Jan. 1, 1910.....	Over 3½ months.....	31,933,797	Sheep (ewes) 1 year old and over.....	Before June 1, 1899.....	31,857,652	76,145	0.2
Rams and wethers born before Jan. 1, 1910.....	Over 3½ months.....	7,710,249	Sheep (rams and wethers) 1 year old and over.....	Before June 1, 1899.....	7,996,315	-285,066	-3.6
Lambs born after Jan. 1, 1910.....	Under 3½ months.....	12,803,815	Lambs under 1 year.....	After June 1, 1899.....	21,660,746	-8,846,931	-40.9
Goats and kids (all ages).....		2,915,125	Goats (all ages).....		1,870,599	1,044,526	55.8

¹ A minus sign (—) denotes decrease.

The total number of sheep reported as on farms and ranges on April 15, 1910, was 52,448,000, as compared with 61,504,000 on June 1, 1900, a decrease of 9,056,000, or 14.7 per cent. This decrease, however, is due partly to the change in the date of enumeration. Many lambs are born during the interval between April 15 and June 1. Furthermore, on many ranches in the West the lambs are not definitely counted so early in the year as April 15, and it seems likely that in some such cases ranchmen failed to make any estimate of the lambs.

In view of the fact that, even after making necessary allowances, as discussed below, the number of ewes 1 year of age or over on June 1, 1910, was probably less than 1,000,000 short of the number on the same date in 1900, it seems likely that, if the enumeration of 1910 had been made as of June 1, there would have been nearly as many lambs less than 1 year old as were reported 10 years before, probably in the neighborhood of 21,000,000, as compared with 21,651,000 in 1900. Of these, however, a comparatively small number would have consisted of animals born between June 1, 1909, and January 1, 1910, which are already included, under the classification of 1910, in the returns of ewes and rams and wethers. After deducting these there would probably have remained on June 1, 1910, about 19,000,000 or 20,000,000 spring lambs, or 6,000,000 or 7,000,000 more than the number reported on April 15, which was 12,804,000. The number of

older sheep, however, would, on account of slaughter and deaths from other causes, have been less on June 1 than on April 15—perhaps by between 1,000,000 and 2,000,000. In view of all these considerations, it would seem that, if the enumeration of 1910 had been made as of June 1, there would have been between 56,000,000 and 58,000,000 sheep and lambs, as compared with 61,504,000 on June 1, 1900.

The number of ewes was reported in 1910 as 31,934,000 and in 1900 as 31,858,000, there being thus nominally a slight increase. In order to make the figures comparable, however, it would be necessary to deduct from the number of ewes reported on April 15, 1910, the comparatively small number born between June 1, 1909, and January 1, 1910, which would have been classed as lambs at the census of 1900, and also to deduct the comparatively small number of ewes slaughtered or otherwise eliminated during the six weeks from April 15 to June 1. The whole number to be deducted would probably be less than one million. In the case of rams and wethers, the number to be deducted from the returns of 1910, on account of slaughter between April 15 and June 1, would be relatively greater than in the case of ewes, so that had the date of enumeration and the method of classification been the same at the two censuses a considerably greater decrease would have appeared than is shown in the table.

Despite the change in the date of enumeration, the number of goats and kids increased from 1,871,000 in 1900 to 2,915,000 in 1910.

The following statement shows the value of sheep and goats and the number of farms reporting them:

	SHEEP, ¹				All goats and kids.
	All sheep and lambs.	Ewes.	Rams and wethers.	Lambs.	
1910—Number.....	52,447,861	31,933,797	7,710,240	12,803,815	2,915,125
Value.....	\$232,841,533	\$164,855,414	\$38,660,530	\$29,325,441	\$6,170,423
Average value.....	\$4.41	\$5.16	\$5.01	\$2.29	\$2.12
Farms reporting.....	610,894	590,878	297,138	470,626	82,755
Percent of all farms.....	9.6	9.3	4.7	7.4	1.3
1900—Number.....	61,503,713	31,857,652	7,995,315	21,650,746	1,870,599
Value.....	\$170,203,119	\$101,288,730	\$26,898,061	\$42,016,328	\$3,265,549
Average value.....	\$2.77	\$3.18	\$3.36	\$1.94	\$1.75

¹ For definition of the subclasses at the two censuses, see preceding table.

DIVISION OR SECTION.	INCREASE IN NUMBER: 1900 TO 1910 ¹						PER CENT OF TOTAL NUMBER IN UNITED STATES.						AVERAGE NUMBER PER 1,000 ACRES OF LAND IN FARMS.									
	All sheep.		Sheep (excluding lambs).		All goats.		All sheep and goats.		All sheep.		All goats.		All sheep and goats.		All sheep.		All goats.					
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	1910	1900	1910	1900	Sheep born before Jan. 1, 1910.	Lambs born after Jan. 1, 1910.	1910	1900	1910	1900	Sheep born before Jan. 1, 1910.	Lambs born after Jan. 1, 1910.	1910	1900		
United States.....	-9,056,852	-14.7	-208,921	-0.5	1,044,526	55.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	63	76	60	73	45	15	3	2	
New England.....	-491,889	-53.3	-236,774	-45.6	1,016	45.0	0.8	1.5	0.8	1.5	0.8	1.1	0.1	22	45	22	45	10	6	(2)	(2)	
Middle Atlantic.....	-1,490,485	-44.5	-709,907	-36.0	3,576	80.2	3.3	5.3	3.5	5.4	3.2	4.6	0.3	42	43	44	74	29	14	(2)	(2)	
East North Central.....	-1,674,039	-14.9	-365,336	-5.3	9,523	37.3	17.3	17.7	18.2	18.2	16.5	23.5	1.2	1.4	81	97	81	96	55	26	(2)	(2)
West North Central.....	100,728	2.0	369,218	11.7	18,715	19.8	9.4	8.0	9.7	11.0	12.0	5.7	1.1	22	25	22	25	15	7	(1)	(2)	
South Atlantic.....	-183,362	-6.9	-153,501	-9.0	5,312	2.8	4.9	4.6	4.8	4.4	3.9	7.3	7.2	11.0	24	28	24	28	15	9	2	2
East South Central.....	73,182	3.0	24,103	1.6	-12,005	-5.7	4.9	4.2	4.8	3.9	3.8	7.7	6.8	11.3	33	32	31	30	19	12	2	3
West South Central.....	-260,777	-10.6	-176,673	-9.6	544,450	74.4	6.3	5.0	4.2	4.0	4.2	4.1	43.8	39.1	21	18	13	10	3	8	4	4
Mountain.....	-4,136,861	-15.6	-1,623,409	-8.5	302,752	96.8	42.5	43.1	43.4	43.8	49.2	25.5	25.3	20.0	395	589	383	581	328	55	12	8
Pacific.....	-941,359	-14.4	-465,431	-11.0	110,887	50.0	10.7	10.7	10.7	10.8	9.5	14.2	11.4	11.8	115	143	109	138	74	33	7	5
The North.....	-3,546,684	-17.4	-962,799	-7.6	32,630	25.8	30.8	32.4	32.2	33.2	29.3	41.0	5.5	6.8	41	54	41	53	28	13	(2)	(2)
The South.....	-372,957	-4.9	-306,071	-6.1	538,257	46.9	16.1	13.8	13.7	12.3	11.9	19.3	37.8	61.4	25	24	20	21	13	7	5	3
The West.....	-5,137,211	-15.3	-1,659,940	-4.8	473,639	79.4	53.2	53.8	54.1	54.5	58.7	39.6	36.7	31.9	266	364	256	357	210	46	10	6
East of Mississippi.....	-3,758,590	-18.3	-1,461,415	-11.6	7,722	1.7	31.2	32.1	33.2	32.1	28.2	44.2	26.2	23.9	47	57	46	56	31	16	1	1
West of Mississippi.....	-5,297,262	-12.9	-1,252,494	-4.6	1,036,804	72.9	68.8	66.8	67.9	66.5	71.8	55.8	84.4	76.1	74	96	70	87	31	14	5	3

¹ A minus sign (-) denotes decrease.

² Less than 1 animal per 1,000 acres of land.

In considering the geographic distribution of the total number of sheep and of goats reported for April 15, 1910, it should be borne in mind that, owing to differences in climatic conditions, the spring lambs and kids are born earlier in some sections than in others. Greater significance attaches to the figures for "mature" sheep. Of the sheep born before January 1, 1910, the Mountain division reported nearly one-half (49.2 per cent) and the East North Central division about one-sixth (16.5 per cent). The North as a whole contained 29.3 per cent, the South 11.9 per cent, and the West 58.7 per cent.

For reasons indicated above there were marked differences in 1910 in the ratios of lambs to ewes in the several divisions. In the East North Central division the number of lambs reported was equal to 54.3 per cent of the number of ewes, and in the Pacific division to 62.7 per cent, whereas in the Mountain division the ratio was only 21.4 per cent.

There are also decided differences among the several divisions with respect to the ratio which the number of rams and wethers bears to the number of ewes, as shown by Table 32. In some divisions most of the male animals are sold for slaughter at an early age, while in others a large proportion are kept for wool.

The distribution of goats is quite different from that of sheep. The leading division is the West South

Central, which reported 43.8 per cent of the total in 1910. Very few goats are found in the North.

It will be seen that, despite the decline in the number of sheep, the value of the sheep reported on April 15, 1910, \$232,842,000, was 36.8 per cent greater than the value on June 1, 1900, \$170,203,000. The value of goats and kids nearly doubled during the decade.

Divisions and states.—Table 32 (pages 332 and 333) shows, for each geographic division and state, the number and value of sheep and goats at the last two censuses. Table 29 below shows, by geographic divisions and sections, the increase in number during the decade, the per cent distribution, and the average number per 1,000 acres of land in farms:

The average number of sheep and goats combined per 1,000 acres of land in farms in the United States as a whole was 63 on April 15, 1910, as compared with 76 on June 1, 1900. Of "mature" sheep, the figures for which are more nearly comparable, the average number per 1,000 acres was 45 in 1910, and 48 in 1900. In 1910 there were in the Mountain division 328 sheep born before January 1 per 1,000 acres of land in farms, but it should be noted that many sheep in this division are kept on public range land and not on farms.

Comparisons among the several geographic divisions with respect to the increase or decrease between 1900 and 1910 in the total number of sheep are much less satisfactory than comparisons based on the number of mature sheep. There was a considerable increase in the number of mature sheep of both sexes combined in the Mountain and West North Central divisions, and a small increase in the East South Central division. As shown by Table 32, however, mature ewes decreased in the East North Central division, while rams and wethers decreased in the East South Central division and increased in the East North Central. In all of the divisions except the four above mentioned there was a decrease in both these classes during the decade.

The following statement shows the average value per head of sheep and goats at the last two censuses:

Table 30

DIVISION.	AVERAGE VALUE PER HEAD.						
	All sheep.		Ewes.	Rams and wethers.	Lambs born after Jan. 1.	All goats and kids.	
	1910	1900	1910	1910	1910	1910	1900
United States.....	\$4.44	\$2.77	\$5.18	\$5.01	\$2.29	\$2.12	\$1.75
New England.....	4.29	2.90	4.99	6.53	2.35	5.77	5.38
Middle Atlantic.....	4.85	3.24	5.98	5.45	2.58	5.61	4.37
East North Central.....	4.09	2.86	5.23	4.88	1.72	3.16	2.69
West North Central.....	4.60	3.22	5.67	5.69	2.14	2.87	3.44
South Atlantic.....	3.61	2.51	4.34	3.58	2.60	1.12	0.85
East South Central.....	3.73	2.64	4.32	3.71	2.02	1.33	0.94
West South Central.....	3.29	2.02	3.70	3.92	1.82	2.13	1.44
Mountain.....	4.90	2.73	5.29	5.28	2.58	2.36	2.05
Pacific.....	4.02	2.60	4.88	4.60	2.38	4.45	2.93

The average value of all sheep per head on April 15, 1910, was \$4.44, as compared with \$2.77 on June 1, 1900. These figures are less significant than those for the "mature" animals alone. The average value of ewes for the country as a whole increased from \$3.18 in 1900 to \$5.16 in 1910, notwithstanding the fact that the average age of the animals classed as ewes was somewhat lower in 1910 than in 1900. The average value of rams and wethers in 1910 was \$5.01, as compared with \$3.36 in 1900. The average value of all goats was \$2.12 in 1910, as compared with \$1.75 in 1900, thus showing a much smaller increase than the value of sheep. An extraordinary range appears in

the average value of goats. In the West South Central division, which leads in the total number of goats, the average value was \$2.13.

For ewes born before 1910 the average value was highest (\$5.98 per head) in the Middle Atlantic division, next highest (\$5.67) in the West North Central division, and lowest (\$3.70) in the West South Central division.

The following statement shows the number of sheep (excluding lambs) at each census from 1880 to 1910. The figures for 1910, as already explained, should be reduced, perhaps by 3 or 4 per cent, in order to make them strictly comparable with the returns for 1900. It is probable that some lambs were included with the sheep at the enumerations of 1880 and 1890. The returns, as given below, would indicate a gradual though slight decrease in the total number of sheep (excluding lambs) during each decade since 1880.

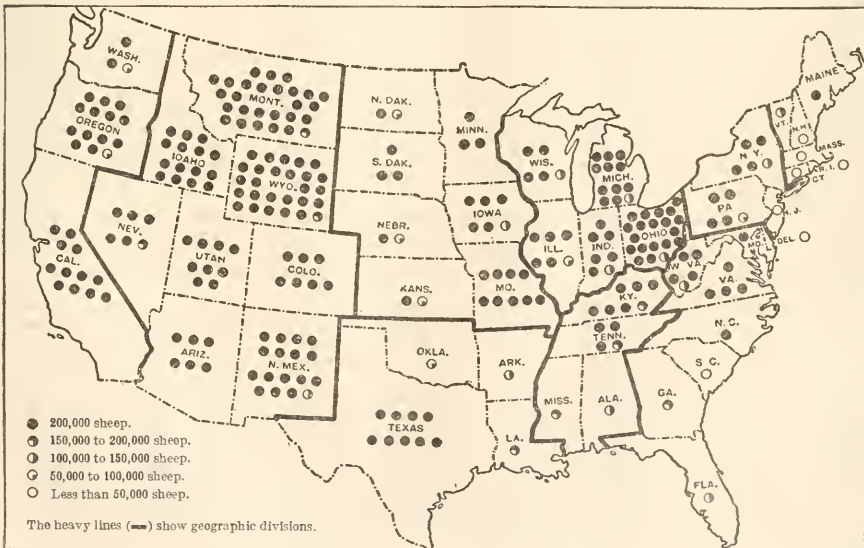
Table 31

DIVISION.	SHEEP (EXCLUDING LAMBS).			
	1910	1900	1890	1880
United States.....	39,644,046	39,852,967	140,876,312	142,192,074
New England.....	306,443	563,217	936,532	1,362,234
Middle Atlantic.....	1,260,455	1,970,362	3,196,495	3,608,798
East North Central.....	6,534,894	6,930,190	9,449,783	10,596,266
West North Central.....	3,524,749	3,155,531	12,882,371	13,096,623
South Atlantic.....	1,552,698	1,706,199	2,445,386	12,579,006
East South Central.....	1,513,833	1,489,790	2,316,279	2,308,290
West South Central.....	1,662,445	1,839,118	14,710,918	14,089,021
Mountain.....	19,650,675	17,984,275	19,519,933	17,097,442
Pacific.....	3,778,894	4,244,345	15,418,615	17,484,394

¹ Includes estimated number of sheep on public ranges.

ALL SHEEP ON FARMS.

NUMBER, BY STATES: APRIL 15, 1910.



SHEEP AND GOATS ON FARMS—NUMBER AND VALUE OF SHEEP, BY AGE

[See text with reference to date of enumeration and change in classification.]

Table 32	DIVISION OR STATE.	ALL SHEEP.				EWES.			
		Number.		Value.		Number.		Value.	
		1910	1900	1910	1900	1910	1900	1910	1900
1	United States.....	52,447,861	61,503,713	\$232,841,585	\$170,203,119	31,933,797	31,857,652	\$164,855,314	\$191,288,730
	GEOGRAPHIC DIVISIONS:								
2	New England.....	430,672	922,558	1,846,797	2,679,634	289,454	527,301	1,443,342	1,741,887
3	Middle Atlantic.....	1,844,057	3,324,542	8,934,933	10,767,037	1,057,902	1,732,522	6,325,992	6,400,238
4	East North Central.....	9,542,234	11,216,273	30,009,830	32,130,946	5,536,905	6,006,474	28,966,091	20,692,825
5	West North Central.....	5,055,009	4,964,283	23,287,792	15,980,743	3,053,164	2,669,058	17,313,989	10,268,049
6	South Atlantic.....	2,513,553	2,698,915	9,085,747	6,761,269	1,345,456	1,381,330	5,845,194	3,767,442
7	East South Central.....	2,496,221	2,423,039	9,299,829	6,393,873	1,342,911	1,223,888	5,795,000	3,372,779
8	West South Central.....	2,193,657	2,454,434	7,226,268	4,970,206	1,153,916	1,215,247	4,297,001	2,589,626
9	Mountain.....	22,770,291	26,966,152	111,656,290	73,501,804	15,262,412	13,827,002	80,791,568	42,747,743
10	Pacific.....	5,592,167	6,533,517	22,494,109	17,017,607	2,891,677	3,274,830	14,107,137	9,618,141
	NEW ENGLAND:								
11	Maine.....	296,434	420,116	812,976	1,116,483	143,738	240,717	655,661	709,720
12	New Hampshire.....	43,772	105,113	192,346	309,451	29,075	61,296	148,381	201,388
13	Vermont.....	118,551	296,576	538,991	881,402	78,996	168,292	430,077	597,117
14	Massachusetts.....	32,708	52,559	156,498	193,596	20,912	30,441	111,140	125,357
15	Rhode Island.....	6,789	11,207	32,637	41,282	3,952	5,901	21,601	22,575
16	Connecticut.....	22,418	36,087	112,349	137,420	12,781	20,656	76,482	85,730
	MIDDLE ATLANTIC:								
17	New York.....	930,300	1,745,746	4,839,651	5,921,941	568,829	938,215	3,678,912	3,729,631
18	New Jersey.....	30,683	47,730	161,138	202,490	15,719	24,744	93,277	109,540
19	Pennsylvania.....	883,074	1,531,066	3,934,144	4,642,606	473,354	769,463	2,553,803	2,651,067
	EAST NORTH CENTRAL:								
20	Ohio.....	3,909,162	4,090,628	14,941,381	10,956,308	2,188,951	2,090,933	10,341,877	6,790,239
21	Indiana.....	1,336,967	1,742,002	5,908,496	5,794,676	742,576	940,387	4,400,050	3,776,066
22	Illinois.....	1,059,846	1,030,681	4,843,736	3,706,642	583,487	548,853	3,500,953	2,341,230
23	Michigan.....	2,306,476	2,747,600	9,646,565	7,162,664	1,433,263	1,508,503	7,740,967	4,737,021
24	Wisconsin.....	929,783	1,675,453	3,660,652	4,510,356	588,628	918,638	2,982,554	3,048,269
	WEST NORTH CENTRAL:								
25	Minnesota.....	637,582	559,878	2,693,424	1,740,088	417,652	329,984	2,190,295	1,205,275
26	Iowa.....	1,145,549	1,056,718	5,748,836	3,956,142	676,687	576,104	4,381,545	2,610,908
27	Missouri.....	1,811,268	1,087,213	7,888,878	3,380,846	1,014,469	587,757	5,707,617	2,060,859
28	North Dakota.....	293,371	661,982	1,257,737	1,987,136	187,249	340,273	913,530	1,193,611
29	South Dakota.....	611,264	775,236	3,002,038	2,434,206	412,648	422,042	2,304,684	1,603,327
30	Nebraska.....	293,600	511,273	1,486,948	1,678,498	177,877	279,073	974,667	1,102,871
31	Kansas.....	272,476	262,013	1,209,931	833,827	166,582	133,825	941,651	491,198
	SOUTH ATLANTIC:								
32	Delaware.....	7,806	11,765	36,898	43,588	3,924	6,360	19,535	22,899
33	Maryland.....	237,137	191,101	1,142,965	696,531	119,806	101,006	648,004	381,448
34	District of Columbia.....								
35	Virginia.....	804,873	692,929	3,300,026	2,089,779	413,273	363,549	2,022,836	1,135,069
36	West Virginia.....	910,360	968,843	3,400,901	2,664,556	499,064	407,247	2,410,151	1,554,696
37	North Carolina.....	214,473	301,941	559,217	477,421	120,810	164,105	276,389	276,389
38	South Carolina.....	37,569	71,538	81,362	111,770	22,368	40,478	51,845	66,202
39	Georgia.....	187,644	336,278	308,212	438,363	105,041	162,704	184,193	221,603
40	Florida.....	113,701	124,520	256,166	239,261	61,170	55,881	140,690	109,136
	EAST SOUTH CENTRAL:								
41	Kentucky.....	1,363,013	1,297,343	5,573,998	4,191,205	723,682	647,838	3,469,817	2,172,170
42	Tennessee.....	795,033	496,011	3,009,196	1,179,424	429,902	256,032	1,897,706	661,760
43	Alabama.....	142,830	317,053	299,919	458,299	80,276	157,830	181,767	259,428
44	Mississippi.....	195,245	312,632	416,716	534,945	109,051	162,188	245,710	280,401
	WEST SOUTH CENTRAL:								
45	Arkansas.....	144,189	256,929	327,984	437,317	80,285	130,700	211,703	240,681
46	Louisiana.....	178,287	219,844	343,046	333,040	100,494	114,414	210,300	185,840
47	Oklahoma.....	62,472	188,368	253,864	1,217,732	41,699	145,969	102,534	1,125,588
48	Texas.....	1,808,709	1,889,298	6,301,364	3,982,117	931,628	924,174	3,652,164	2,087,517
	MOUNTAIN:								
49	Montana.....	5,380,746	6,170,483	29,028,069	18,165,404	3,261,686	2,995,795	18,690,188	10,105,384
50	Idaho.....	3,010,478	3,121,532	15,897,192	8,294,776	1,810,944	1,611,090	11,294,338	4,947,388
51	Wyoming.....	5,397,161	5,099,613	29,666,228	16,310,096	3,954,463	2,498,914	22,938,391	9,391,096
52	Colorado.....	1,426,214	2,044,814	6,856,187	5,584,897	1,111,336	1,089,680	5,465,629	3,417,731
53	New Mexico.....	3,346,984	4,899,487	12,072,037	10,643,514	2,359,565	2,850,876	9,149,625	6,828,816
54	Arizona.....	1,226,733	924,761	4,400,514	1,901,764	752,413	452,271	3,031,764	1,061,358
55	Utah.....	1,827,180	3,818,423	8,634,735	10,286,488	1,340,596	1,893,802	6,709,694	5,895,818
56	Nevada.....	1,164,795	887,039	5,101,328	2,344,865	681,410	434,574	3,512,039	1,300,152
	PACIFIC:								
57	Washington.....	475,555	929,873	1,931,170	2,450,929	226,377	469,158	1,121,445	1,382,745
58	Oregon.....	269,135	3,040,291	12,213,942	7,563,447	1,447,785	1,480,282	8,070,909	4,188,763
59	California.....	2,417,477	2,563,353	8,348,997	7,003,231	1,217,515	1,335,390	4,914,783	4,046,633

1 Includes Indian Territory.

LIVE STOCK ON FARMS AND ELSEWHERE.

333

AND SEX GROUPS, AND OF GOATS, BY DIVISIONS AND STATES: 1910 AND 1900.

[See text with reference to date of enumeration and change in classification.]

	RAMS AND WETHERS.				LAMBS.				ALL GOATS AND KIDS.			
	Number.		Value.		Number.		Value.		Number.		Value.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
1	7,710,249	7,956,315	\$38,660,830	\$28,698,061	12,803,515	21,650,746	\$29,326,441	\$42,016,328	2,515,125	1,870,589	\$8,176,423	\$3,266,349
2	16,989	35,916	110,942	147,519	124,229	359,341	292,513	790,228	3,195	2,179	18,426	11,715
3	202,553	237,840	1,104,926	925,126	583,602	1,254,180	1,504,015	3,351,673	7,588	4,212	41,834	18,399
4	997,949	893,716	4,873,660	3,283,882	3,007,380	4,316,083	5,170,059	8,154,239	35,059	25,536	110,771	68,505
5	471,585	486,473	2,681,105	2,003,162	1,540,260	1,808,752	3,292,698	3,709,532	113,215	94,500	324,714	325,176
6	207,742	324,809	742,315	755,264	960,855	992,716	2,498,238	2,238,563	211,101	205,289	235,758	173,764
7	170,922	265,842	633,565	640,351	982,388	933,309	2,871,264	2,380,713	198,647	210,652	264,565	198,543
8	508,529	623,871	1,994,385	1,540,070	531,212	615,316	964,872	840,510	1,276,231	731,781	2,719,056	1,050,654
9	4,247,263	4,157,273	22,439,895	14,430,839	3,260,616	8,981,877	8,424,827	16,323,222	737,644	374,892	1,738,171	769,536
10	887,217	969,515	4,080,017	3,171,818	1,813,273	2,289,172	4,306,955	4,227,648	332,445	221,558	723,128	648,967
11	6,196	11,496	32,643	42,087	56,500	167,903	125,672	364,706	582	279	2,177	1,091
12	2,126	4,023	12,551	15,538	12,571	39,795	31,414	92,525	495	208	3,459	916
13	5,364	13,876	41,028	58,264	34,191	114,409	67,886	226,021	261	102	1,033	444
14	1,787	3,428	13,898	16,719	10,009	18,660	31,460	51,520	1,251	1,254	7,990	7,188
15	254	728	1,912	3,553	2,583	4,578	9,124	15,154	106	23	982	131
16	1,262	2,366	8,910	11,388	8,375	13,966	26,957	40,302	500	313	2,785	1,945
17	37,280	46,201	281,814	252,127	324,181	761,230	878,925	1,940,183	3,475	1,316	21,432	6,442
18	1,076	1,619	8,341	9,384	13,888	21,367	59,520	83,566	574	699	4,614	3,006
19	164,187	190,620	814,771	663,615	245,533	517,583	565,570	1,327,924	3,891	2,197	15,788	8,961
20	701,212	558,157	3,074,571	1,795,218	1,018,999	1,372,378	1,525,233	2,370,851	5,379	5,432	17,843	16,975
21	69,851	70,261	435,658	337,709	524,540	731,354	1,072,788	1,681,201	7,290	4,484	20,905	8,920
22	74,997	80,297	463,735	375,515	401,362	401,431	879,408	899,897	12,435	8,877	38,564	19,932
23	111,978	117,427	679,784	490,322	761,235	1,121,679	1,225,824	1,935,321	5,080	2,861	14,192	10,008
24	39,911	67,574	219,932	285,118	301,244	689,241	467,166	1,176,969	4,875	3,882	19,267	12,760
25	34,419	29,344	193,642	124,256	185,511	230,550	309,487	410,567	4,588	3,821	18,480	12,908
26	93,230	81,764	387,375	399,615	375,632	398,570	779,916	945,615	20,664	41,468	64,239	146,708
27	101,720	75,946	594,295	290,638	606,078	425,510	1,586,966	999,349	72,415	24,487	187,409	64,786
28	54,143	111,164	244,907	412,119	51,979	230,515	99,300	381,406	1,074	1,122	5,618	5,308
29	83,393	85,296	473,063	365,828	110,223	267,898	224,291	475,051	2,337	2,915	11,422	15,550
30	62,239	56,877	380,679	245,269	53,354	175,323	131,602	330,358	3,290	2,399	11,945	9,126
31	37,441	46,082	207,144	175,433	68,452	82,106	161,136	167,196	8,847	18,288	25,601	71,290
32	491	604	2,698	2,610	3,391	4,801	14,665	18,079	88	143	328	519
33	6,445	10,514	38,791	46,835	110,886	79,581	456,090	268,248	1,182	1,179	5,115	4,023
34										9		39
35	25,446	38,576	164,771	136,929	366,154	300,804	1,122,419	817,781	7,327	5,305	28,286	10,002
36	67,888	75,492	314,500	242,259	343,408	396,104	678,250	807,571	5,748	847	20,682	2,123
37	19,260	44,707	53,809	76,109	74,403	93,129	137,758	124,923	35,019	42,901	43,039	37,997
38	5,558	11,958	12,594	20,203	9,633	19,102	16,923	25,365	24,750	26,576	27,728	24,450
39	48,209	96,190	82,959	132,597	34,394	77,384	41,060	84,163	89,616	84,624	70,059	61,972
40	33,945	46,828	82,493	97,692	18,586	21,811	33,083	32,433	47,371	43,705	40,521	32,639
41	54,472	68,320	276,335	237,364	584,859	581,185	1,827,826	1,779,651	29,869	11,967	61,665	19,753
42	40,435	51,772	186,379	130,981	324,699	188,207	925,111	389,743	43,560	25,884	82,666	38,938
43	28,836	71,468	64,959	124,718	33,818	87,755	53,193	104,153	79,347	117,413	76,361	49,258
44	47,179	74,282	165,872	138,378	39,015	76,162	65,134	107,166	45,871	55,388	43,973	45,594
45	16,232	38,961	41,478	73,128	47,672	88,165	74,803	123,508	56,294	51,839	84,938	58,788
46	38,814	54,820	84,321	97,454	38,979	50,610	48,425	49,746	57,102	38,303	57,354	35,097
47	7,287	15,224	31,682	145,761	13,576	27,180	29,248	146,383	25,591	114,301	62,687	132,392
48	446,196	515,766	1,836,904	1,323,727	430,955	449,358	812,296	802,873	1,135,244	627,333	2,514,077	923,777
49	1,708,149	1,219,419	9,347,063	4,253,491	420,911	1,955,269	990,818	3,806,529	5,045	1,713	22,416	7,870
50	290,386	354,377	1,893,301	1,193,622	990,148	1,156,065	2,704,493	2,133,766	5,719	4,481	36,997	20,167
51	872,102	828,271	5,103,297	3,317,543	570,596	1,772,423	1,534,540	3,601,457	2,739	2,666	16,128	11,884
52	194,260	263,143	1,089,087	1,022,872	120,618	691,991	301,471	1,144,294	31,611	37,433	80,644	73,141
53	535,419	482,867	2,107,914	1,444,135	432,000	1,565,744	814,498	2,370,563	412,050	224,136	939,702	472,961
54	164,187	216,187	635,520	491,575	310,133	256,303	733,230	345,828	246,617	98,403	555,327	167,863
55	330,295	659,332	1,502,373	2,241,804	156,290	1,265,399	422,768	2,318,866	29,014	1,427	75,547	2,702
56	143,466	133,677	666,280	465,794	329,920	318,788	923,009	578,910	4,849	4,633	11,710	12,948
57	68,887	98,864	331,795	339,544	180,291	371,851	477,927	728,640	8,621	2,876	31,662	10,757
58	510,557	481,073	2,421,820	1,455,064	740,793	1,078,936	1,721,513	1,919,620	185,411	109,661	370,637	375,229
59	307,773	389,578	1,326,699	1,377,210	892,189	838,385	2,107,515	1,679,388	138,413	109,021	320,829	267,981

POULTRY ON FARMS.

The change in the date of enumeration from June 1, at the census of 1900, to April 15, at the census of 1910, should have no very material effect upon the comparability of the statistics of poultry, for the reason that according to the schedules used at both

censuses only fowls 3 months of age or over were to be reported.

The following table shows for 1910 and 1900 the principal facts with regard to each class of fowls in the United States as a whole:

	All fowls.	Chickens.	Turkeys.	Ducks.	Geese.	Guinea fowls.	Pigeons.	Peafowls.	Ostriches.
1910—Number	295,880,130	280,345,133	3,688,708	2,906,525	4,431,980	1,765,031	2,730,994	6,458	5,361
Value	\$154,663,220	\$140,205,607	\$6,605,818	\$1,567,164	\$3,194,507	\$613,282	\$762,374	\$18,328	\$1,096,140
Average value	\$0.52	\$0.50	\$1.79	\$0.54	\$0.72	\$0.35	\$0.28	\$2.84	\$316.39
Farms reporting	5,385,032	5,578,525	871,123	503,704	602,324	338,538	109,407	1,807	29
Per cent of all farms	87.8	87.7	13.7	7.9	10.4	5.3	1.7	(1)	(1)
1900—Number	259,624,038	233,566,021	6,594,695	4,785,850	5,676,788	(2)	(2)	(2)	684

¹ Less than one-tenth of 1 per cent.

² Included with chickens.

³ Not reported.

The total number of all fowls reported at the census of 1910 was 295,880,000, of which 280,345,000, or 94.7 per cent, consisted of chickens. The number of fowls reported in 1900 was 259,624,000. Excluding pigeons and peafowls, which were not reported in 1900, there was an increase between 1900 and 1910 of 42,519,000, or 17 per cent. The increase was wholly confined to chickens, as there was a marked decrease in turkeys, ducks, and geese. The total value of all fowls in 1910 was \$154,663,000, or an average of 52

cents per fowl, while the total value in 1900 was \$85,808,000, or an average of 34 cents per fowl, the average value having thus increased 52.9 per cent. The average values of the separate classes of poultry were not reported in 1900.

The following table gives, for each geographic division and section, statistics as to the number and value of the different kinds of fowls reported. It shows also what percentage of the total number was found in each division.

DIVISION OR SECTION.	CHICKENS.				TURKEYS.				DUCKS.			
	Number.		Value.	Per ct. of in-crease.	Number.		Value.	Per ct. of in-crease. ²	Number.		Value.	Per ct. of in-crease. ²
	1910	1900 ¹	1910		1910	1900	1910		1910	1900	1910	
United States	280,345,133	233,566,021	\$140,205,607	3,688,708	6,594,695	\$6,605,818	2,906,525	4,431,980	4,785,850	\$1,567,164	—39.3	\$1,567,164
New England	6,841,918	6,440,676	6.2	4,975,551	24,255	46,851	—48.2	74,725	51,929	91,421	—43.2	51,014
Middle Atlantic	24,449,500	21,511,436	13.7	16,346,161	252,546	483,081	—47.7	628,191	309,706	362,159	—2.1	295,836
East North Central	69,471,413	65,304,189	19.5	36,600,410	701,342	1,501,507	—53.3	1,330,198	545,672	1,018,720	—46.4	319,815
West North Central	85,192,631	65,304,879	30.3	41,207,285	833,472	1,571,149	—47.0	1,563,291	809,620	1,397,601	—42.1	411,787
South Atlantic	25,627,003	22,283,912	15.0	11,894,700	526,518	910,975	—35.1	906,226	330,054	458,918	—28.1	151,377
East South Central	24,495,034	22,965,571	6.7	10,272,636	493,741	792,170	—38.9	792,289	344,453	559,111	—38.4	129,862
West South Central	29,170,294	27,353,880	6.7	10,393,418	620,791	1,084,212	—42.7	771,568	348,852	697,937	—50.0	127,488
Mountain	5,467,345	5,116,039	7.6	3,035,103	85,703	81,408	—6.5	183,042	42,242	51,477	—17.9	32,407
Pacific	9,623,957	6,434,457	49.6	5,504,333	159,340	223,542	—28.7	356,288	63,997	148,500	—56.9	47,579
The North	185,955,482	151,421,182	22.8	99,138,417	1,811,615	3,062,388	—40.7	3,596,405	1,776,927	2,869,907	—38.1	1,078,541
The South	79,298,351	72,593,443	9.2	32,569,754	1,631,050	2,687,357	—39.3	2,470,113	1,023,359	1,715,906	—40.4	498,727
The West	15,091,300	9,551,286	58.0	8,506,436	246,043	304,950	—19.3	539,300	106,239	199,977	—46.9	79,866
East of the Mississippi	150,884,888	131,315,967	14.9	80,098,458	1,988,492	3,634,384	—45.3	3,721,629	1,641,814	2,490,335	—34.1	947,903
West of the Mississippi	129,440,245	102,250,055	26.6	60,167,149	1,700,306	2,969,311	—42.6	2,874,189	1,304,711	2,236,515	—44.9	619,261

DIVISION OR SECTION.	GEESE.		GUINEA FOWLS. ³		PIGEONS. ⁴		PEAFOWLS. ⁴		PER CENT OF TOTAL NUMBER IN UNITED STATES.									
	Number.		Value.	Number.	Value.	Number.	Value.	Number.	Value.	All fowls.	Chickens and guinea fowls.	Turkeys.	Ducks.	Geese.				
	1910	1900	Per ct. of in-crease.	1910	1910	1910	1910	1910	1910	1910	1910	1910	1910	1910	1910			
United States	4,431,980	5,676,788	—21.9	83,194,507	1,765,031	\$613,282	2,730,994	\$782,374	6,458	818,328	100.0	100.0	100.0	100.0	100.0			
New England	27,202	27,206	—0.3	57,553	37,852	25,865	66,451	53,468	29	285	2.4	2.6	2.4	2.8	0.7			
Middle Atlantic	84,797	117,231	—27.7	140,328	166,729	81,501	680,966	281,768	351	1,601	8.8	9.0	8.7	9.2	6.8			
East North Central	688,907	933,817	—31.6	656,291	232,312	77,197	351,162	76,744	574	1,943	24.3	24.6	24.7	24.9	19.0			
West North Central	961,045	963,206	—0.4	882,561	223,968	75,129	622,492	103,051	1,210	3,254	30.9	27.6	30.3	28.0	22.6			
South Atlantic	679,872	908,908	—25.2	402,756	413,032	143,165	220,517	91,279	1,174	2,704	9.4	9.8	9.2	9.5	14.3			
East South Central	1,145,920	1,534,834	—25.3	548,150	342,026	104,202	105,950	23,013	1,416	3,046	9.1	10.3	8.8	9.8	13.1			
West South Central	824,120	1,054,270	—21.8	425,262	353,408	95,715	197,155	31,501	1,129	3,149	10.0	10.5	11.7	16.8	16.4			
Mountain	26,940	15,676	71.9	45,431	8,389	5,247	72,741	19,536	229	1,177	1.9	1.3	1.9	1.3	2.4			
Pacific	43,162	119,487	—63.9	56,155	7,291	5,261	254,530	82,014	363	1,769	3.4	2.8	3.4	2.8	3.4			
The North	1,711,951	2,013,535	—16.2	1,716,733	660,891	259,692	1,790,101	515,031	2,164	6,482	65.5	63.8	66.1	64.8	49.1			
The South	2,649,321	3,498,072	—24.2	1,576,161	1,088,466	343,088	583,622	145,780	3,911	8,253	29.2	32.1	28.5	31.1	44.2			
The West	70,108	135,163	—48.1	101,606	10,679	16,508	357,271	101,550	583	2,950	5.4	4.1	6.7	4.6	3.0			
East of the Mississippi	2,576,707	3,522,146	—26.8	1,805,078	1,191,951	431,930	1,514,076	526,272	3,545	8,979	54.0	56.2	53.9	56.2	53.9			
West of the Mississippi	1,855,273	2,154,642	—13.9	1,389,429	573,080	181,352	1,216,918	236,102	2,916	9,349	46.0	43.8	46.1	43.8	46.1			

¹ Includes guinea fowls.

² A minus sign (—) denotes decrease.

³ Included with chickens in 1900.

⁴ Not reported in 1900.

It will be seen that in 1910 the West North Central division reported 30 per cent of the total number of fowls in the country. The East North Central division ranked next with 24.3 per cent, and the West South Central next with 10.6 per cent. There has been no marked change in the distribution of fowls since 1900. The distribution of the number of chickens and guinea fowls naturally corresponds more or less closely with that of all fowls, but the distribution of turkeys, ducks, and geese is somewhat different.

The absolute increase in number of chickens between 1900 and 1910 was greatest in the West North Central division, but the percentage of increase was not so high in that division as in the Mountain and Pacific divisions. The two South Central divisions show relatively low percentages of increase in the number of chickens. In nearly every division the number of turkeys, of ducks, and of geese fell off.

Table 35 in the next column shows the average value of fowls on farms. In the case of chickens, turkeys, and ducks the average values in 1910 were lowest in the West South Central division and highest in New England. New England also shows the highest

average for geese, while the lowest is that for the East South Central division. The average value of fowls of all classes combined shows a marked increase from 1900 to 1910 in every division.

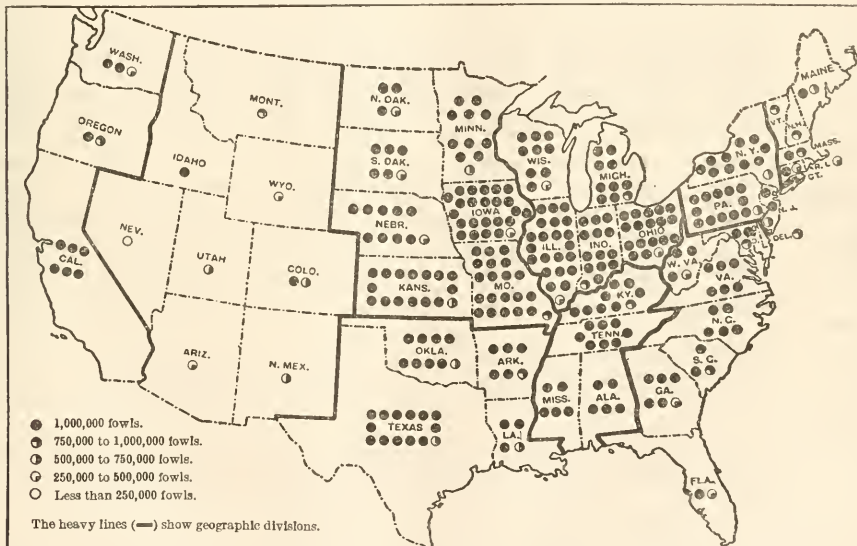
Table 35

DIVISION.	AVERAGE VALUE OF ALL FOWLS.		AVERAGE VALUE: 1910							
	1910	1900	Chickens.	Turkeys.	Ducks.	Geese.	Guinea fowls.	Pigeons.	Peafowls.	Ostriches.
United States.....	\$0.52	\$0.34	\$0.50	\$1.79	\$0.54	\$0.72	\$0.35	\$0.28	\$2.84	\$318.39
New England.....	0.74	0.55	0.73	3.08	0.98	2.12	0.68	0.56	9.53	9.53
Middle Atlantic.....	0.68	0.45	0.67	2.43	0.89	1.65	0.46	0.41	4.56	4.56
East North Central.....	0.54	0.34	0.53	1.90	0.59	1.03	0.33	0.23	2.34	2.34
West North Central.....	0.50	0.33	0.48	1.88	0.51	0.90	0.34	0.16	2.69	2.69
South Atlantic.....	0.49	0.35	0.46	1.73	0.46	0.59	0.35	0.33	2.30	427.17
East South Central.....	0.44	0.31	0.42	1.64	0.38	0.48	0.36	0.22	2.15	2.15
West South Central.....	0.38	0.25	0.36	1.24	0.37	0.52	0.29	0.16	2.81	393.08
Mountain.....	0.82	0.42	0.55	2.11	0.77	1.69	0.63	0.27	5.35	338.88
Pacific.....	0.62	0.45	0.57	2.24	0.74	1.30	0.72	0.25	4.87	211.96

Table 36 (page 336) shows, for each geographic division and state, the number and value of all fowls on farms at the censuses of 1910 and 1900, together with the number of chickens and guinea fowls combined and the number of turkeys, ducks, and geese combined.

ALL FOWLS ON FARMS.

NUMBER, BY STATES: APRIL 15, 1910.



POULTRY AND BEES ON FARMS—NUMBER AND VALUE, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 36 DIVISION OR STATE	ALL FOWLS. ¹				CRICKENS AND GUINNA FOWLS.		TURKEYS, DUCKS, AND GESE.		COLONIES OF BEES.			
	Number.		Value.		Number.		Number.		Number.		Value.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
United States	226,880,190	250,624,038	915,463,220	385,807,818	222,110,164	233,566,021	11,027,213	17,057,333	3,446,008	4,108,239	310,373,815	910,178,987
GEOGRAPHIC DIVISIONS:												
New England.....	7,078,636	6,606,246	5,238,461	3,611,668	6,879,770	6,446,678	103,386	165,568	40,627	50,713	198,959	206,151
Middle Atlantic.....	26,004,625	22,473,907	17,775,378	10,095,094	24,616,229	21,511,436	707,049	962,471	291,659	362,996	1,166,587	1,164,581
East North Central.....	71,941,382	81,538,039	39,070,998	20,819,906	69,703,725	58,104,189	1,885,921	3,453,850	548,398	684,979	1,800,931	1,897,163
West North Central.....	88,684,488	69,298,838	44,220,368	22,596,723	85,416,649	65,364,879	2,604,137	3,933,959	546,693	532,877	1,729,688	1,608,512
South Atlantic.....	27,858,263	24,472,713	13,631,507	8,548,899	26,040,035	22,293,912	1,536,444	2,178,801	678,439	854,009	1,574,577	1,664,636
East South Central.....	26,918,569	25,851,926	11,873,198	8,063,673	24,837,080	22,946,751	1,974,123	2,886,175	506,962	730,234	1,117,145	1,059,832
West South Central.....	31,601,899	30,170,335	11,910,631	7,812,990	29,509,702	27,333,880	1,793,763	2,836,419	379,842	559,150	997,825	1,483,562
Mountain.....	5,708,606	3,265,650	4,686,963	1,362,014	5,475,726	3,116,639	155,891	148,561	172,684	146,482	784,056	492,539
Pacific.....	10,183,722	6,926,384	6,279,709	3,099,851	9,631,248	6,434,657	266,499	491,529	282,192	218,899	1,066,852	631,108
NEW ENGLAND:												
Maine.....	1,735,962	1,585,564	1,131,921	756,153	1,718,240	1,564,853	13,280	20,711	7,592	10,857	40,357	51,459
New Hampshire.....	924,859	877,939	649,121	467,104	907,807	870,461	6,959	7,478	4,644	5,620	23,593	24,665
Vermont.....	938,524	843,163	607,787	421,196	915,526	806,451	18,759	36,712	10,215	12,836	44,349	46,953
Massachusetts.....	1,798,380	1,680,693	1,492,961	1,018,115	1,715,435	1,625,269	38,111	55,424	7,464	8,381	39,683	35,751
Rhode Island.....	415,209	520,614	368,018	305,047	396,981	500,618	8,353	19,896	1,267	1,681	6,138	6,795
Connecticut.....	1,265,702	1,038,373	988,653	644,050	1,225,731	1,073,026	17,924	25,347	9,445	11,438	41,839	40,528
MIDDLE ATLANTIC:												
New York.....	10,678,836	9,352,412	7,879,388	4,310,755	10,265,939	8,964,736	300,785	387,676	156,360	187,208	646,848	593,774
New Jersey.....	2,597,448	2,076,614	2,221,610	1,300,883	2,342,451	1,993,594	59,254	82,920	10,484	14,118	41,560	39,219
Pennsylvania.....	12,728,341	11,044,981	7,674,387	4,483,486	12,007,839	10,553,106	347,040	491,875	124,815	161,670	478,179	531,578
EAST NORTH CENTRAL:												
Ohio.....	17,342,289	15,018,352	9,532,672	5,085,921	16,904,166	14,269,523	382,328	748,827	98,242	151,391	275,726	402,561
Indiana.....	13,789,109	11,949,821	7,762,015	4,222,409	13,273,585	11,103,006	463,364	846,815	80,938	117,148	290,478	278,564
Illinois.....	21,409,835	17,737,262	11,696,650	6,418,033	20,647,947	16,600,728	617,469	1,136,534	155,846	179,953	487,733	486,164
Michigan.....	9,967,039	8,405,060	5,610,968	2,688,829	9,724,713	8,033,531	202,778	371,529	115,274	100,397	446,644	352,469
Wisconsin.....	9,433,110	8,447,544	4,465,703	2,410,714	9,153,314	8,097,399	192,950	351,149	95,638	106,060	360,530	377,105
WEST NORTH CENTRAL:												
Minnesota.....	10,697,075	8,142,693	4,646,960	2,274,640	10,304,776	7,730,940	346,765	411,753	56,677	45,877	221,781	167,280
Iowa.....	23,482,880	20,043,343	12,269,881	6,536,464	22,730,118	18,907,673	564,669	1,135,670	165,610	208,811	517,329	443,923
Missouri.....	20,897,208	16,676,717	11,870,972	5,720,359	19,992,410	14,900,601	832,570	1,173,112	203,569	210,010	584,549	508,217
North Dakota.....	3,268,109	1,459,380	1,455,463	477,368	3,097,692	1,409,285	132,015	80,095	495	279	3,066	1,474
South Dakota.....	5,251,348	3,178,288	2,356,465	856,966	4,936,814	3,028,700	199,527	149,585	6,565	2,063	31,650	10,488
Nebraska.....	9,351,830	7,812,239	4,219,158	2,374,930	9,033,353	7,417,837	214,016	394,402	45,625	52,143	152,676	199,563
Kansas.....	15,736,038	12,556,185	7,377,469	4,356,997	15,321,486	11,966,843	314,573	589,342	73,737	88,594	218,612	277,967
SOUTH ATLANTIC:												
Delaware.....	878,081	665,282	560,146	357,475	798,345	628,866	23,082	36,416	6,410	10,187	13,609	20,244
Maryland.....	2,908,958	2,305,645	1,858,570	1,168,020	2,702,403	2,113,544	134,098	192,101	23,156	28,013	61,603	61,013
District of Columbia.....	8,349	8,293	6,477	3,108	7,433	8,004	196	289	151	59	790	199
Virginia.....	6,099,881	5,041,470	3,395,962	1,886,768	5,738,011	4,590,311	321,930	451,159	104,005	139,064	302,623	308,417
West Virginia.....	3,310,155	3,063,071	1,628,700	965,805	3,121,055	2,759,585	181,300	293,486	110,673	111,417	388,937	375,622
North Carolina.....	5,063,870	4,379,961	2,212,570	1,434,158	4,643,447	3,871,858	384,000	508,103	189,178	244,539	386,683	429,868
South Carolina.....	2,946,414	2,908,319	1,206,015	889,953	2,778,122	2,664,784	139,713	243,555	75,422	98,968	134,622	142,677
Georgia.....	5,328,584	4,926,422	2,088,653	1,468,455	4,991,612	4,549,144	293,480	377,308	130,549	187,919	187,242	242,769
Florida.....	1,826,271	1,184,220	673,814	394,557	1,259,607	1,107,816	58,645	76,404	38,896	39,753	98,468	83,827
EAST SOUTH CENTRAL:												
Kentucky.....	8,764,204	7,855,468	4,461,871	2,723,221	8,047,178	6,849,079	686,930	1,006,389	152,991	203,820	419,379	527,098
Tennessee.....	8,056,146	6,971,737	3,757,337	2,275,864	7,410,314	6,184,210	627,493	787,527	144,451	225,788	340,619	486,536
Alabama.....	5,028,104	5,186,638	1,807,289	1,409,269	4,708,424	4,737,606	268,233	448,930	135,140	205,369	212,921	257,598
Mississippi.....	5,070,118	5,838,186	1,846,751	1,655,310	4,671,114	5,184,856	373,467	643,329	74,350	95,257	144,226	158,603
WEST SOUTH CENTRAL:												
Arkansas.....	5,788,570	6,092,876	2,063,432	1,540,006	5,234,957	5,393,157	537,028	699,719	92,731	111,138	200,049	204,340
Louisiana.....	3,542,447	4,296,479	1,326,614	1,057,889	3,291,123	3,890,563	226,258	408,916	29,591	35,231	58,188	54,316
Oklahoma.....	8,501,237	4,016,698	3,713,943	1,416,127	8,093,918	4,487,858	346,904	428,740	19,413	20,137	64,261	45,423
Texas.....	13,669,645	14,861,332	4,806,642	3,598,968	12,889,699	13,662,302	683,573	1,299,044	238,107	392,644	675,327	749,483
MOUNTAIN:												
Montana.....	966,690	556,679	628,436	296,806	923,173	531,774	31,731	24,905	6,313	1,801	32,112	8,139
Idaho.....	1,053,876	504,009	598,190	203,127	1,013,401	516,412	30,016	23,597	21,903	10,240	100,148	64,994
Wyoming.....	341,050	149,564	194,078	60,397	325,365	142,136	11,002	7,428	4,596	1,020	20,498	5,322
Colorado.....	1,721,445	1,017,120	1,012,251	393,219	1,648,246	968,761	43,135	48,359	71,434	59,756	308,606	196,906
New Mexico.....	531,625	163,125	256,466	62,419	511,845	156,533	10,780	6,162	10,052	6,164	46,300	20,802
Arizona.....	268,762	174,792	1,545,966	103,298	253,118	165,200	8,023	9,322	23,770	18,991	104,374	66,603
Utah.....	691,941	556,753	327,908	186,922	673,911	534,842	14,716	21,911	26,155	33,818	123,568	111,452
Nevada.....	133,217	107,538	93,693	55,826	126,667	100,661	4,488	6,877	8,401	5,692	48,453	20,131
PACIFIC:												
Washington.....	2,272,775	1,356,715	1,267,440	614,838	2,205,342	1,196,649	44,996	160,076	33,884	30,870	126,805	106,841
Oregon.....	1,823,680	1,373,203	1,007,743	582,524	1,776,340	1,280,818	51,555	82,385	47,285	55,583	150,164	160,382
California.....	6,047,267	4,196,466	3,844,526	1,902,489	5,068,974	3,947,200	170,888	249,068	201,023	129,444	729,793	363,885

¹ Includes number and value of pigeons, peafowls, and ostriches in 1910, and number and value of ostriches in 1900. Pigeons and peafowls not enumerated prior to 1910.

² Includes Indian Territory.

BEES ON FARMS.

The number of colonies of bees and their value at the censuses of 1910 and 1900 are shown, by divisions and states, in Table 36 (page 336) in connection with the statistics for poultry. In the United States as a whole there were reported 3,445,000 colonies of bees on farms in 1910, as compared with 4,108,000 in 1900, a decrease of 663,000 colonies, or 16.1 per cent. There was, however, a slight increase in the total value. The average value per colony increased from \$2.48 to \$3.01. The number of farms reporting bees also decreased materially, being 586,000 in 1910 as against 707,000 in 1900. Such farms represented 9.2 per cent of the total number of farms in 1910, as compared with 12.3 per cent in 1900. The average number of colonies per farm reporting was 5.9 in 1910, or practically the same as in 1900.

Table 37 shows the percentage of the total number of colonies of bees in each geographic division and the average value per colony.

The South Atlantic division reported in 1910 almost one-fifth of the entire number of colonies of bees in the United States, a larger proportion than any other geographic division. The other divisions which

rank relatively high in bee culture are the West North Central, East North Central, East South Central, and West South Central, in the order named. The Mountain and Pacific divisions, however, reported a decidedly larger proportion of the total number of colonies in 1910 than in 1900. The average value per colony in 1910 ranged from \$4.82 in the New England division and \$4.54 in the Mountain division to \$2.20 in the East South Central division; in every division it was higher in 1910 than in 1900, the change being most marked in the Mountain and Middle Atlantic divisions.

Table 37

DIVISION.	PER CENT OF TOTAL COLONIES.		AVERAGE VALUE PER COLONY.	
	1910	1900	1910	1900
United States.....	100.0	100.0	\$3.01	\$2.48
New England.....	1.2	1.2	4.82	4.07
Middle Atlantic.....	8.5	8.3	4.00	3.21
East North Central.....	15.8	15.9	3.30	2.90
West North Central.....	15.9	13.0	3.16	3.02
South Atlantic.....	19.7	20.8	2.32	1.95
East South Central.....	14.7	17.3	2.20	2.00
West South Central.....	11.0	13.6	2.63	1.88
Mountain.....	5.0	3.6	4.54	3.36
Pacific.....	8.2	5.3	3.57	2.92

DOMESTIC ANIMALS NOT ON FARMS.

In compliance with the requirements of the Thirteenth Census act the Census Bureau collects statistics of domestic animals, not only on farms, but also in barns and inclosures not on farms—in cities and villages and elsewhere. Animals not on farms consist mainly of those kept more or less permanently, such as draft animals and dairy cows, but they also include considerable numbers of cattle, sheep, and swine which are temporarily held in cities and villages pending slaughter or sale. The statistics for the several classes are not subdivided according to age groups in this bulletin. It may be stated, however, that a relatively larger proportion of the animals not on farms are of adult age than in the case of those on farms, and for this reason comparison between the censuses of 1900 and 1910, with reference to the total number of animals of each kind, is less seriously affected by the change in the date of enumeration than in the case of animals on farms.

Table 38 (pages 338 and 339) shows, by geographic divisions and states, the number of domestic animals not on farms at the censuses of 1910 and 1900 and their value at the census of 1910 only, statistics of value for such animals not having been collected in 1900.

As might be expected, draft animals are relatively much more important in cities and villages than other domestic animals. Of the total value of domestic animals not on farms in 1910, \$463,280,000, or nearly

seven-eighths, represents the value of horses, mules, and asses and burros. All cattle, with a value of \$60,816,000, made up the larger part of the remainder.

It is noteworthy that in each of the four geographic divisions constituting the North there was a decline between 1900 and 1910 in the number of cattle not on farms, while in each of the five geographic divisions constituting the South and West there was an increase. The same statement holds true with regard to horses, except that a slight increase took place in the number of horses in the Middle Atlantic division.

Differences in the ratio which urban population bears to rural population and differences in the rate of growth in urban population among the different divisions of the country doubtless have something to do with the differences among them in the rate of increase of cattle and of horses not on farms. In the country as a whole urban population (that is, that in cities and villages of 2,500 or more inhabitants) increased more than three times as fast as rural population between 1900 and 1910. It should be noted, however, that in many of the larger cities increasing stringency of sanitary regulations has tended to reduce the number of cattle kept for dairy purposes, and also that in the larger cities the increased use of automobiles has tended to reduce the number of horses and other draft animals.

DOMESTIC ANIMALS NOT ON FARMS—VALUE OF DOMESTIC ANIMALS NOT ON FARMS, BY

[See text with reference to date of enumeration.]

Table 38 DIVISION OR STATE.	VALUE OF ALL DOMESTIC ANIMALS: 1910	CATTLE.			HORSES.			MULES.		
		Number.		Value.	Number.		Value.	Number.		Value.
		1910	1900	1910	1910	1900	1910	1910	1900	1910
		1910	1900	1910	1910	1900	1910	1910	1900	1910
1 United States.....	\$538,361,528	1,878,782	1,616,422	\$60,816,261	3,182,769	2,936,681	\$422,204,393	270,371	173,908	\$39,374,534
GEOGRAPHIC DIVISIONS:										
2 New England.....	40,439,958	50,495	57,171	2,050,038	238,037	271,001	37,866,415	834	657	140,493
3 Middle Atlantic.....	121,903,902	153,719	173,306	5,919,042	626,990	609,383	110,424,383	23,127	25,199	3,910,140
4 East North Central.....	105,497,651	283,200	325,728	10,710,926	732,992	749,389	89,083,221	24,933	16,500	3,309,826
5 West North Central.....	84,646,348	317,753	342,153	11,120,590	571,221	572,584	65,775,491	31,054	26,376	4,467,994
6 South Atlantic.....	45,348,993	233,996	148,418	6,520,006	203,923	158,550	28,690,522	55,285	26,259	8,425,466
7 Massachusetts.....	33,796,963	288,646	174,616	7,476,455	143,383	110,172	18,400,120	45,229	29,60	6,617,490
8 West South Central.....	51,212,264	399,326	269,383	10,609,804	297,686	212,109	29,974,135	64,625	38,792	8,788,252
9 Mountain.....	22,162,408	96,917	58,437	3,396,552	161,211	108,036	16,372,221	9,491	5,969	1,285,061
10 Pacific.....	31,353,069	84,912	69,011	3,013,248	207,341	136,657	25,617,885	13,733	4,396	2,159,803
NEW ENGLAND:										
11 Maine.....	4,796,026	9,700	16,623	382,654	29,622	34,011	4,341,987	67	50	15,106
12 New Hampshire.....	2,584,475	4,473	6,079	166,658	18,101	22,367	2,363,802	45	30	5,500
13 Vermont.....	2,681,230	5,876	8,401	207,608	18,803	20,365	2,305,409	192	31	28,458
14 Massachusetts.....	20,452,394	19,896	18,451	875,189	115,186	133,619	19,423,642	271	490	44,778
15 Rhode Island.....	3,372,254	2,654	1,643	117,436	17,802	19,980	3,206,056	76	9	13,795
16 Connecticut.....	6,623,679	7,896	7,974	321,093	38,520	40,659	6,225,519	183	47	32,856
MIDDLE ATLANTIC:										
17 New York.....	63,722,021	47,508	55,565	2,017,616	303,256	305,937	60,371,030	3,490	1,866	726,716
18 New Jersey.....	17,623,864	14,512	17,405	680,897	96,384	83,191	16,476,601	1,519	1,123	259,491
19 Pennsylvania.....	40,658,017	91,699	100,345	3,220,529	227,350	220,255	35,376,752	20,118	22,210	2,923,933
EAST NORTH CENTRAL:										
20 Ohio.....	25,221,650	62,388	64,612	2,240,857	188,041	189,965	21,069,209	6,840	4,772	843,667
21 Indiana.....	16,697,433	54,157	52,619	2,144,226	120,632	128,229	13,445,162	5,710	4,423	709,362
22 Illinois.....	34,791,056	77,255	115,034	3,223,121	234,629	242,919	28,833,742	10,838	6,468	1,523,689
23 Michigan.....	15,700,743	47,355	40,292	1,745,203	100,238	102,539	13,660,280	700	380	105,514
24 Wisconsin.....	13,087,159	42,015	44,171	1,357,519	89,452	88,737	11,474,828	845	457	127,594
WEST NORTH CENTRAL:										
25 Minnesota.....	12,862,351	53,946	47,412	1,721,245	83,654	85,660	10,809,499	1,017	827	172,823
26 Iowa.....	17,929,607	61,705	79,880	2,229,183	123,370	144,775	14,628,589	3,477	5,238	472,190
27 Missouri.....	20,814,834	75,941	84,270	2,720,956	132,065	129,513	14,919,261	15,245	12,742	2,184,510
28 North Dakota.....	3,015,679	12,429	9,653	401,580	22,214	16,114	2,854,134	716	235	117,747
29 South Dakota.....	4,942,544	17,033	15,375	534,208	34,622	24,945	4,157,070	794	509	127,465
30 Nebraska.....	10,361,943	40,458	43,999	1,499,662	69,762	68,621	7,758,501	2,859	2,800	399,200
31 Kansas.....	14,319,390	56,211	61,564	2,043,756	105,531	92,956	10,648,437	6,946	4,025	994,059
SOUTH ATLANTIC:										
32 Delaware.....	1,213,301	1,172	1,240	43,647	7,219	6,702	1,092,074	353	297	51,180
33 Maryland.....	7,185,972	14,710	14,064	484,112	40,121	39,734	5,962,420	3,569	2,223	566,987
34 District of Columbia.....	1,786,985	629	616	27,532	11,094	11,599	1,589,340	1,164	276	167,553
35 Virginia.....	6,835,544	36,661	28,591	1,078,182	35,908	28,094	4,549,316	6,629	3,102	948,953
36 West Virginia.....	4,941,574	31,524	15,762	1,053,931	22,256	18,067	2,912,306	6,508	3,495	781,927
37 North Carolina.....	6,203,163	36,528	20,899	996,410	26,202	15,780	3,700,148	8,436	3,176	1,302,476
38 South Carolina.....	3,790,112	22,398	18,259	657,496	14,517	9,855	2,157,501	5,474	2,832	889,082
39 Georgia.....	9,162,242	63,172	37,886	1,530,692	31,528	21,104	4,701,251	15,856	7,600	2,653,081
40 Florida.....	4,130,160	27,204	14,302	648,004	14,073	7,555	2,036,168	7,606	3,258	1,364,227
EAST SOUTH CENTRAL:										
41 Kentucky.....	10,330,988	55,719	36,491	2,398,411	49,482	45,548	6,156,048	11,061	7,445	1,431,117
42 Tennessee.....	10,307,140	55,292	1,606,067	43,753	59,216	6,079,213	14,302	10,591	2,167,605	
43 Alabama.....	7,453,063	75,297	49,736	1,730,548	26,965	18,675	3,454,633	12,907	7,362	2,028,359
44 Mississippi.....	6,676,772	72,166	38,019	1,740,429	23,203	15,733	2,710,226	6,959	4,362	990,418
WEST SOUTH CENTRAL:										
45 Arkansas.....	6,631,812	63,632	45,740	1,374,753	33,040	25,510	3,995,729	9,728	7,383	1,358,306
46 Louisiana.....	6,625,811	67,900	29,336	1,292,087	33,281	26,345	3,177,907	12,226	7,012	1,967,804
47 Oklahoma.....	11,685,338	72,980	1,266,892	1,971,439	77,882	135,823	7,091,073	11,696	5,027	1,511,603
48 Texas.....	26,269,303	204,814	167,415	5,971,625	163,613	124,431	15,509,356	30,975	19,370	3,920,539
MOUNTAIN:										
49 Montana.....	3,474,331	11,200	6,458	400,723	24,366	17,275	2,833,966	491	361	72,560
50 Idaho.....	3,038,357	10,040	5,683	357,699	20,620	12,208	2,512,517	679	507	110,680
51 Wyoming.....	1,488,409	4,536	2,686	160,415	10,484	9,371	1,145,358	728	820	114,059
52 Colorado.....	7,255,060	30,498	20,653	1,392,350	48,129	36,763	5,157,786	3,324	2,412	501,886
53 New Mexico.....	1,773,512	13,649	4,931	343,242	17,350	9,725	1,083,447	1,529	637	176,470
54 Arizona.....	1,562,664	8,529	2,238	203,017	15,031	6,390	1,121,618	1,321	731	162,976
55 Utah.....	2,667,162	16,459	12,931	481,140	18,287	13,002	1,805,027	488	161	59,901
56 Nevada.....	883,013	2,006	1,057	57,966	6,944	3,302	652,502	931	304	86,529
PACIFIC:										
57 Washington.....	7,558,077	21,730	19,121	820,526	44,617	22,459	6,350,366	1,804	407	289,192
58 Oregon.....	4,927,977	17,006	16,296	688,005	30,203	20,027	4,124,678	1,377	510	232,230
59 California.....	18,707,015	46,176	34,894	1,604,717	132,521	94,171	15,142,841	10,612	3,479	1,638,351

1 Includes Indian Territory.

LIVE STOCK ON FARMS AND ELSEWHERE.

CLASSES, IN 1910, WITH NUMBER OF EACH CLASS, IN 1910 AND 1900, BY DIVISIONS AND STATES.

[See text with reference to date of enumeration.]

Table 38—Continued.	ASSES AND BURROS.			SHEEP.			GOATS.			SWINE.					
	DIVISION OR STATE.			Number.		Value.	Number.		Value.	Number.		Value.			
	1910	1900	1910	1910	1900	1910	1910	1900	1910	1910	1900	1910			
	1910	1900	1910	1910	1900	1910	1910	1900	1910	1910	1900	1910			
1	United States.....			18,502	15,847	\$1,701,388	390,887	231,301	\$1,822,943	114,870	78,353	\$385,749	1,287,980	1,818,114	\$10,078,260
	GEOGRAPHIC DIVISIONS:														
2	New England.....														
3	Middle Atlantic.....														
4	East North Central.....														
5	West North Central.....														
6	South Atlantic.....														
7	East South Central.....														
8	West South Central.....														
9	Mountain.....														
10	Pacific.....														
	NEW ENGLAND:														
11	Maine.....														
12	New Hampshire.....														
13	Vermont.....														
14	Massachusetts.....														
15	Rhode Island.....														
16	Connecticut.....														
	MIDDLE ATLANTIC:														
17	New York.....														
18	New Jersey.....														
19	Pennsylvania.....														
	EAST NORTH CENTRAL:														
20	Ohio.....														
21	Indiana.....														
22	Illinois.....														
23	Michigan.....														
24	Wisconsin.....														
	WEST NORTH CENTRAL:														
25	Minnesota.....														
26	Iowa.....														
27	Missouri.....														
28	North Dakota.....														
29	South Dakota.....														
30	Nebraska.....														
31	Kansas.....														
	SOUTH ATLANTIC:														
32	Delaware.....														
33	Maryland.....														
34	District of Columbia.....														
35	Virginia.....														
36	West Virginia.....														
37	North Carolina.....														
38	South Carolina.....														
39	Georgia.....														
40	Florida.....														
	EAST SOUTH CENTRAL:														
41	Kentucky.....														
42	Tennessee.....														
43	Alabama.....														
44	Mississippi.....														
	WEST SOUTH CENTRAL:														
45	Arkansas.....														
46	Louisiana.....														
47	Oklahoma.....														
48	Texas.....														
	MOUNTAIN:														
49	Montana.....														
50	Idaho.....														
51	Wyoming.....														
52	Colorado.....														
53	New Mexico.....														
54	Arizona.....														
55	Utah.....														
56	Nevada.....														
	PACIFIC:														
57	Washington.....														
58	Oregon.....														
59	California.....														

1 Includes Indian Territory.

DOMESTIC ANIMALS ON FARMS AND NOT ON FARMS—VALUE OF DOMESTIC ANIMALS ON AND NOT ON

[See text with reference to date of enumeration.]

Table 39	DIVISION OR STATE.	VALUE OF ALL DOMESTIC ANIMALS: 1910	CATTLE.			HORSES.			MULES.		
			Number.		Value.	Number.		Value.	Number.		Value.
			1910	1900	\$1,560,333,868	1910	1900	1910	1910	1900	1910
1	United States.....	\$5,296,421,619	63,682,648	69,336,832	\$1,560,333,868	23,015,902	21,203,901	\$2,505,792,538	4,480,140	3,438,523	\$564,766,397
	GEOGRAPHIC DIVISIONS:										
2	New England.....	132,902,281	1,387,045	1,663,786	44,291,487	592,792	656,697	81,924,491	2,563	2,052	423,421
3	Middle Atlantic.....	452,117,315	4,386,240	4,906,525	144,604,295	1,856,676	1,922,826	270,535,686	77,543	71,439	11,606,450
4	East North Central.....	1,040,933,904	10,102,297	10,836,042	282,655,046	5,134,434	4,871,843	578,373,706	284,356	232,038	34,713,897
5	West North Central.....	1,390,364,249	17,965,467	20,431,252	460,774,897	7,365,413	6,244,392	819,287,782	746,986	561,433	95,012,349
6	South Atlantic.....	3,967,677,021	5,073,317	4,580,168	96,059,538	1,315,115	1,229,620	150,040,647	804,542	581,388	116,524,796
7	East South Central.....	389,840,927	4,200,990	3,843,137	82,876,734	1,287,982	1,305,211	136,471,419	1,049,033	880,411	131,726,077
8	West South Central.....	628,138,956	11,120,338	14,471,525	213,840,304	2,646,715	2,450,833	212,592,335	1,351,003	977,579	154,108,610
9	Mountain.....	405,434,549	6,157,642	5,972,536	149,666,101	1,588,268	1,432,612	128,978,449	58,448	32,795	6,512,505
10	Pacific.....	259,992,417	3,289,312	2,698,861	85,562,466	1,228,507	1,089,867	127,579,073	105,666	99,305	14,138,332
	NEW ENGLAND:										
11	Maine.....	28,785,587	246,233	354,470	8,147,038	137,196	140,310	18,706,743	425	403	87,552
12	New Hampshire.....	13,822,239	172,304	231,871	5,406,780	64,330	77,233	7,630,191	240	127	35,181
13	Vermont.....	24,571,860	436,190	510,341	12,036,500	99,587	105,596	10,896,766	621	362	81,993
14	Massachusetts.....	39,691,106	272,312	304,395	10,223,265	179,469	208,633	28,095,639	539	788	89,163
15	Rhode Island.....	6,274,570	36,802	37,677	1,426,534	27,349	31,570	4,639,233	139	47	24,950
16	Connecticut.....	19,756,919	203,214	225,032	7,051,380	84,861	93,235	11,964,919	599	325	165,577
	MIDDLE ATLANTIC:										
17	New York.....	238,232,679	2,470,511	2,651,944	85,079,858	894,264	934,375	140,414,332	7,542	5,179	1,377,213
18	New Jersey.....	39,849,333	237,511	257,389	9,074,014	135,306	177,215	28,489,113	5,560	6,011	881,265
19	Pennsylvania.....	173,935,303	1,678,218	1,997,192	50,450,423	777,106	811,236	101,632,241	64,441	60,269	9,347,972
	EAST NORTH CENTRAL:										
20	Ohio.....	212,744,974	1,899,995	2,117,925	53,644,198	1,098,265	1,068,170	120,570,647	29,690	21,543	3,619,498
21	Indiana.....	182,564,611	1,417,173	1,737,097	41,254,718	934,276	879,944	100,563,830	87,878	71,140	10,387,376
22	Illinois.....	331,410,219	2,517,832	3,219,043	76,677,866	1,687,516	1,593,138	192,197,142	158,671	131,112	19,664,024
23	Michigan.....	147,446,691	1,545,208	1,425,700	42,245,521	170,371	169,098	84,972,754	4,400	3,296	599,339
24	Wisconsin.....	166,787,409	2,722,089	2,358,276	68,832,743	704,106	641,493	80,060,333	3,717	4,947	443,660
	WEST NORTH CENTRAL:										
25	Minnesota.....	169,634,206	2,401,381	1,918,737	52,027,617	836,838	782,129	99,878,371	6,792	9,166	905,546
26	Iowa.....	398,131,193	4,509,711	5,447,519	121,039,322	1,615,396	1,547,348	192,627,713	59,001	60,983	8,024,008
27	Missouri.....	294,181,496	2,637,423	3,062,859	75,604,620	1,205,455	1,096,550	128,895,824	357,045	296,261	45,623,212
28	North Dakota.....	110,176,996	756,191	667,087	18,112,978	672,813	376,062	86,315,873	8,411	7,115	1,266,744
29	South Dakota.....	129,783,554	1,532,309	1,562,175	36,791,442	703,984	505,713	77,600,613	13,218	7,313	1,796,082
30	Nebraska.....	228,210,993	2,972,838	3,220,242	74,543,719	1,078,140	863,939	110,563,408	86,264	57,924	10,773,276
31	Kansas.....	290,245,811	3,135,614	4,552,642	82,601,199	1,232,587	1,072,651	123,406,545	215,355	122,729	26,623,477
	SOUTH ATLANTIC:										
32	Delaware.....	7,456,669	56,158	55,420	1,691,980	40,258	36,424	4,543,865	6,288	5,042	815,313
33	Maryland.....	37,845,933	302,461	306,710	8,333,638	195,559	188,728	22,739,887	26,236	19,734	3,610,568
34	District of Columbia.....	1,932,558	1,611	2,077	102,837	12,168	12,453	1,644,366	1,207	357	173,413
35	Virginia.....	78,028,297	895,728	853,903	22,202,253	366,332	326,616	39,406,926	66,651	50,570	8,544,469
36	West Virginia.....	46,290,910	651,812	655,544	16,914,695	202,247	203,285	21,465,687	18,225	14,849	2,121,057
37	North Carolina.....	66,343,894	737,389	645,417	13,546,464	192,853	174,933	22,128,282	183,147	138,786	25,092,163
38	South Carolina.....	47,580,255	412,278	358,157	7,745,755	93,565	83,274	12,304,679	160,945	120,201	24,719,443
39	Georgia.....	87,280,340	1,143,488	937,477	15,591,650	151,564	148,511	18,896,000	310,904	214,921	46,627,692
40	Florida.....	23,949,065	872,392	765,363	9,910,266	59,713	50,396	6,890,865	30,939	16,922	4,910,048
	EAST SOUTH CENTRAL:										
41	Kentucky.....	122,936,400	1,056,656	1,119,739	28,369,982	492,496	497,245	50,952,168	236,104	198,110	27,833,207
42	Tennessee.....	116,915,262	1,051,821	962,553	22,296,735	393,462	391,694	45,899,257	290,157	264,248	37,208,415
43	Alabama.....	71,057,737	1,007,725	849,470	15,200,174	162,601	171,318	17,105,917	180,053	199,432	33,605,576
44	Mississippi.....	78,931,528	1,084,788	911,375	17,009,793	239,423	245,044	23,014,077	262,719	218,621	33,018,839
	WEST SOUTH CENTRAL:										
45	Arkansas.....	78,426,298	1,091,703	940,275	16,835,419	287,756	279,100	26,748,008	231,928	182,384	28,486,333
46	Louisiana.....	49,490,494	862,695	699,631	12,897,441	214,567	220,717	14,967,602	143,750	150,982	17,592,766
47	Oklahoma.....	160,338,321	2,026,540	3,236,008	45,189,040	820,811	957,153	71,342,734	268,762	117,562	30,129,827
48	Texas.....	339,433,843	7,139,400	9,595,611	138,957,404	1,323,581	1,393,803	99,533,991	706,533	526,651	77,899,684
	MOUNTAIN:										
49	Montana.....	88,473,990	954,347	974,845	27,874,845	340,322	347,247	29,949,730	4,665	3,090	517,838
50	Idaho.....	52,135,328	463,847	11,688,338	12,399,212	18,392	182,328	22,344,940	4,715	2,300	591,981
51	Wyoming.....	66,872,968	771,963	689,970	22,857,802	166,546	144,914	13,572,196	2,773	2,047	362,631
52	Colorado.....	76,095,545	1,158,235	1,453,971	32,409,653	342,164	273,309	32,540,712	18,063	9,196	2,300,421
53	New Mexico.....	44,965,425	1,095,312	966,790	20,753,207	196,875	140,878	8,951,761	16,466	5,948	1,639,482
54	Arizona.....	25,930,094	833,458	744,873	14,827,725	114,699	131,453	5,331,344	5,284	4,808	562,425
55	Utah.....	30,997,377	428,793	356,621	9,429,842	133,963	128,886	11,864,862	2,765	2,277	217,398
56	Nevada.....	19,954,822	451,687	386,249	9,824,689	75,397	83,597	4,422,904	3,717	3,132	320,239
	PACIFIC:										
57	Washington.....	54,928,852	423,850	414,044	13,013,991	325,189	266,444	36,031,215	13,989	3,097	2,063,489
58	Oregon.....	63,241,838	742,261	715,599	18,158,690	301,911	307,959	29,305,821	11,304	7,956	1,418,018
59	California.....	141,821,667	2,123,201	1,479,218	54,389,785	601,407	515,464	62,242,037	80,373	88,252	10,654,825

1 Includes Indian Territory.

LIVE STOCK ON FARMS AND ELSEWHERE.

FARMS, BY CLASSES, IN 1910, WITH NUMBER OF EACH CLASS, IN 1910 AND 1900, BY DIVISIONS AND STATES.

[See text with reference to date of enumeration.]

Table 29—Continued.	ASSES AND BURROS.			SHEEP.			GOATS.			SWINE.													
	Number.		Value.	Number.		Value.	Number.		Value.	Number.		Value.											
	1910	1900	1910	1910	1900	1910	1910	1900	1910	1910	1900	1910											
	DIVISION OR STATE.																						
1	United States.....											122,200	110,012	\$14,901,498	52,638,748	61,735,014	\$234,664,528	3,029,795	1,948,952	\$6,542,172	59,473,636	84,686,155	\$409,414,588
GEOGRAPHIC DIVISIONS:																							
2	New England.....											243	288	18,510	4,882,147	933,671	1,879,191	4,594	3,114	28,945	428,705	406,392	4,336,236
3	Middle Atlantic.....											1,072	2,067	117,111	1,872,449	3,362,958	9,121,323	16,520	15,556	104,654	1,933,642	2,195,433	16,027,796
4	East North Central.....											6,360	5,376	1,130,733	9,597,706	11,296,135	39,313,650	41,806	32,591	140,450	14,640,456	16,439,187	104,626,422
5	West North Central.....											24,452	17,778	5,540,772	5,118,659	4,988,900	23,810,630	116,330	97,600	304,198	21,505,031	24,861,112	185,797,621
6	South Atlantic.....											3,897	2,976	549,766	2,623,748	2,714,744	9,114,181	220,764	212,680	263,585	6,194,338	5,791,966	24,115,488
7	East South Central.....											16,705	19,069	2,527,610	2,508,581	2,439,317	9,338,592	208,308	219,402	285,905	5,031,453	6,856,856	26,614,630
8	West South Central.....											33,510	25,629	3,578,926	2,201,715	2,469,073	7,249,657	1,298,476	749,551	2,765,759	7,267,781	6,623,204	33,996,365
9	Mountain.....											31,404	33,528	766,518	22,916,213	26,974,877	112,287,612	780,966	392,738	1,849,191	609,640	415,945	5,374,173
10	Pacific.....											4,557	3,320	673,532	5,661,510	6,555,339	22,749,692	342,031	225,630	763,483	1,209,765	1,096,010	5,825,837
NEW ENGLAND:																							
11	Maine.....											41	66	5,188	208,457	127,209	921,307	621	315	2,404	92,824	88,563	1,015,355
12	New Hampshire.....											35	38	1,763	44,111	105,702	194,102	554	253	3,848	49,249	56,970	550,374
13	Vermont.....											24	30	2,138	118,752	297,521	540,260	281	151	1,166	98,347	100,510	1,013,002
14	Massachusetts.....											57	106	3,364	37,037	54,818	175,290	1,894	1,747	12,819	115,028	96,144	1,092,566
15	Rhode Island.....											19	6	1,010	6,897	11,285	33,195	349	98	2,950	17,007	12,868	155,708
16	Connecticut.....											67	42	5,047	22,907	37,136	115,037	895	560	5,738	56,254	51,337	509,201
MIDDLE ATLANTIC:																							
17	New York.....											428	759	53,689	953,908	1,763,794	4,996,525	5,998	4,362	42,293	698,495	728,815	6,318,769
18	New Jersey.....											108	121	8,172	30,890	58,031	164,187	2,685	2,449	21,117	156,269	201,341	1,211,465
19	Pennsylvania.....											536	1,177	55,250	887,651	1,541,133	3,960,611	7,837	8,745	41,244	1,078,878	1,265,327	8,497,562
EAST NORTH CENTRAL:																							
20	Ohio.....											627	402	75,854	3,918,030	4,030,021	14,979,886	6,513	0,581	24,695	3,152,752	3,285,789	19,820,596
21	Indiana.....											1,859	1,234	344,683	1,342,600	1,748,311	5,934,143	8,212	5,281	24,339	3,650,435	3,840,784	24,055,722
22	Illinois.....											3,275	2,968	662,457	1,090,915	1,085,472	5,035,044	14,335	11,861	48,817	4,757,335	6,082,412	37,124,860
23	Michigan.....											307	184	29,933	2,312,929	2,753,083	9,678,796	7,196	3,464	20,320	1,239,727	1,188,108	9,900,028
24	Wisconsin.....											262	529	17,806	933,232	1,679,248	3,685,781	5,550	5,404	22,279	1,820,187	2,042,094	13,724,807
WEST NORTH CENTRAL:																							
25	Minnesota.....											319	216	43,465	639,744	594,006	2,703,021	4,961	4,109	20,556	1,530,622	1,458,651	14,054,750
26	Iowa.....											1,813	2,335	332,439	1,148,755	1,059,575	5,755,990	21,081	42,275	66,096	7,591,280	9,851,929	70,231,625
27	Missouri.....											13,587	9,435	3,245,320	1,829,118	1,095,920	7,995,393	73,837	25,475	192,600	4,516,751	4,631,342	32,621,527
28	North Dakota.....											156	114	30,570	294,359	682,391	1,262,983	1,207	1,180	6,691	334,064	194,814	3,181,243
29	South Dakota.....											398	238	90,191	612,148	775,664	3,007,061	2,442	2,969	11,985	1,017,147	832,253	10,486,745
30	Nebraska.....											2,444	1,040	544,239	313,529	517,299	1,627,443	3,594	2,783	13,664	3,478,103	4,221,094	30,145,244
31	Kansas.....											5,735	4,400	1,254,548	282,806	204,045	1,257,929	9,208	18,899	28,670	3,037,064	3,668,029	25,073,507
SOUTH ATLANTIC:																							
32	Delaware.....											22	19	4,770	7,821	11,776	36,973	127	205	493	52,989	50,862	363,275
33	Maryland.....											156	141	45,975	237,508	194,076	1,146,207	1,566	1,563	7,446	326,007	359,812	1,942,212
34	District of Columbia.....											0	1	485	1	30	3	78	73	367	835	1,134	10,867
35	Virginia.....											854	621	132,134	807,755	695,614	3,309,548	7,840	6,315	30,159	836,406	999,272	4,402,428
36	West Virginia.....											216	174	34,276	911,718	970,679	3,406,034	6,003	1,519	22,224	353,594	465,029	2,265,407
37	North Carolina.....											1,091	917	141,759	216,052	303,063	562,332	36,763	44,025	49,261	1,277,566	1,340,478	4,913,633
38	South Carolina.....											455	301	68,747	37,928	72,060	82,462	25,794	27,257	30,872	678,228	631,025	2,628,297
39	Georgia.....											927	645	106,783	190,558	342,400	313,621	92,873	86,670	77,434	1,836,246	1,464,455	5,668,070
40	Florida.....											170	157	14,857	114,107	125,406	257,001	49,720	45,033	44,729	832,167	479,899	1,921,249
EAST SOUTH CENTRAL:																							
41	Kentucky.....											4,922	5,638	895,861	1,364,967	1,300,832	5,892,624	30,776	12,663	65,316	1,531,933	2,008,989	9,237,242
42	Tennessee.....											8,442	9,395	1,160,980	798,520	499,277	3,021,721	45,628	27,341	89,033	1,443,067	2,069,896	7,679,071
43	Alabama.....											1,413	2,010	160,134	144,713	323,457	304,160	84,205	122,175	84,561	1,320,016	1,474,347	4,597,215
44	Mississippi.....											1,928	2,017	310,635	200,381	315,751	430,087	47,641	57,283	46,995	1,335,842	1,313,624	5,101,102
WEST SOUTH CENTRAL:																							
45	Arkansas.....											3,367	2,733	521,243	145,376	259,595	330,929	60,378	53,616	89,391	1,575,120	1,766,317	5,414,975
46	Louisiana.....											643	953	79,200	180,889	221,943	349,049	60,877	40,399	66,178	1,368,169	812,817	3,985,258
47	Oklahoma.....											6,394	3,088	1,053,765	62,733	188,741	254,660	27,076	14,826	67,941	1,857,434	1,295,189	12,330,354
48	Texas.....											23,105	18,855	1,922,718	1,812,717	1,898,794	6,315,019	1,150,145	640,710	2,542,249	2,430,058	2,778,881	12,262,778
MOUNTAIN:																							
49	Montana.....											182	146	63,336	5,414,325	6,170,580	29,156,215	5,105	1,723	22,818	101,799	50,429	889,298
50	Idaho.....											388	591	108,226	3,018,352	3,122,576	15,939,239	5,813	4,500	37,517	181,197	117,547	1,425,087
51	Wyoming.....											269	466	28,115	5,405,241	5,099,765	29,724,310	3,280	2,619	18,923	34,690	15,610	368,991
52	Colorado.....											4,595	7,542	165,997	1,434,687	2,045,577	6,892,881	35,619	41,379	92,496	193,261	104,245	1,95,385
53	New Mexico.....											13,514	17,469	181,436	3,370,922	4,902,547	12,146,524	436,400	236,352	1,001,326	47,721	21,866	291,637
54	Arizona.....											9,982	6,091	100,362	1,227,864	924,584	4,403,331	199,396	99,994	585,110	15,512	18,815	128,797
55	Utah.....											1,213	927	75,056	1,869,960	3,821,838	8,851,178	30,352	1,469	79,037	68,533	71,768	480,004
56	Nevada.....											1,261	297	43,940	1,174,853	387,110	5,173,934	4,911	4,652	11,962	23,752	15,665	157,064
PACIFIC:																							
57	Washington.....											287	183	114,510	478,512	960,988	1,948,601	9,410	3,008	35,556	210,409	187,104	1,199,690
58	Oregon.....											621	350	166,593	2,700,890	3,042,767	12,219,522	187,995	109,995	374,671	220,637	286,541	1,986,583
59	California.....											3,649	2,787	392,429	2,482,108	2,581,584	8,581,569	145,526	112,627	353,458	778,719	622,365	5,207,564

1 Includes Indian Territory.

DOMESTIC ANIMALS ON FARMS AND NOT ON FARMS.

The table presented on the two preceding pages shows, by geographic divisions and states, the combined number of domestic animals both on farms and not on farms for 1910 and 1900, respectively, and also the value for 1910. The following statement compares, for the United States as a whole, the data with regard to domestic animals on farms with those for animals not on farms:

Table 40	All domestic animals.	All cattle.	Dairy cows.	HORSES, MULES, AND ASSES AND BURROS.				Swine.	Sheep.	Goats.
				Total.	Horses.	Mules.	Asses and burros.			
1910—Number:										
Total.....		63,682,648	21,795,770	27,618,242	23,015,902	4,480,140	122,200	59,473,636	52,838,748	3,029,795
On farms.....		61,803,866	20,625,432	24,148,580	19,833,113	4,299,769	105,698	58,185,676	52,447,861	2,915,125
Not on farms.....		1,878,782	1,170,338	3,469,662	3,182,789	270,371	16,502	1,287,960	390,887	114,670
1900—Number:										
Total.....		69,335,832	18,108,666	24,752,436	21,203,901	3,438,523	110,012	64,686,155	61,735,014	1,948,952
On farms.....		67,719,410	17,135,633	21,625,800	18,267,020	3,264,615	94,165	62,868,041	61,503,713	1,870,590
Not on farms.....		1,616,422	973,033	3,126,636	2,936,881	173,908	15,847	1,818,114	231,301	78,353
Increase, 1900-1910:¹										
Total—										
Number.....		-5,653,184	3,687,104	2,865,806	1,812,001	1,041,617	12,188	-5,212,519	-8,896,266	1,080,843
Per cent.....		-8.2	20.4	11.6	8.5	30.3	11.1	-8.1	-14.4	55.5
On farms—										
Number.....		-5,915,544	3,489,799	2,522,780	1,566,093	945,154	11,533	-4,682,365	-9,055,852	1,044,526
Per cent.....		-8.7	20.4	11.7	8.6	29.0	12.2	-7.4	-14.7	55.8
Not on farms—										
Number.....		262,360	197,305	343,026	245,908	96,463	655	-530,154	159,586	36,317
Per cent.....		16.2	20.3	11.0	8.4	55.5	4.1	-29.2	68.0	46.4
Per cent of total, 1910:										
On farms.....		97.0	94.6	87.4	86.2	94.0	86.5	97.8	99.3	96.2
Not on farms.....		3.0	5.4	12.6	13.8	6.0	13.5	2.2	0.7	3.8
Value, 1910:										
Total.....	\$1,296,421,619	\$1,560,339,868	\$753,237,930	\$3,085,480,483	\$2,505,792,558	\$564,766,397	\$14,901,498	\$409,414,568	\$234,664,528	\$6,542,172
On farms.....	\$4,760,060,093	\$1,499,523,607	\$796,236,307	\$2,622,180,170	\$2,083,688,186	\$525,391,863	\$13,200,112	\$399,338,308	\$232,841,585	\$6,176,423
Not on farms.....	\$536,361,526	\$60,816,261	\$47,001,623	\$463,280,313	\$422,204,383	\$39,374,534	\$1,701,386	\$10,076,260	\$1,822,943	\$365,749
Average value per head, 1910:										
Total.....	\$24.50	\$34.56	\$111.72	\$108.87	\$126.06	\$121.94	\$6.88	\$6.88	\$4.44	\$2.16
On farms.....	\$24.26	\$34.24	\$108.59	\$106.06	\$124.80	\$124.89	\$6.86	\$6.86	\$4.44	\$2.12
Not on farms.....	\$32.37	\$40.16	\$133.52	\$132.65	\$145.63	\$103.10	\$7.82	\$7.82	\$4.06	\$3.19
Farms and inclosures reporting:										
Total.....	8,048,346	6,184,262	6,008,095	6,085,585	1,943,671	52,143	4,699,687	617,054	106,500	
Farms.....	6,034,783	5,284,916	5,140,869	4,692,814	1,809,005	43,927	4,351,751	610,894	82,755	
Barns, and other inclosures not on farms.....	2,013,563	899,346	867,226	1,392,771	74,666	8,216	347,936	6,140	23,745	

¹ A minus sign (-) denotes decrease.

It will be seen that in 1910 the total value of domestic animals, both on farms and not on farms, was \$5,296,422,000, of which domestic animals not on farms contributed \$536,362,000, or a little over one-tenth. Of the total number of horses, mules, and asses and burros in the country those not on farms constituted 12.6 per cent, while the corresponding proportion for cattle was only 3 per cent, for swine only 2.2 per cent, and for sheep only seven-tenths of 1 per cent. Of the cattle not on farms about three-fifths were dairy cows.

Between 1900 and 1910 there was an increase of 16.2 per cent in the number of cattle not on farms, as

against a decrease in those on farms. The rate of increase in the number of horses, mules, and asses and burros taken together was nearly the same for those not on farms as for those on farms. The changes in the number of swine and sheep not on farms have probably little significance.

For every class of animals, except the unimportant class of asses and burros, the average value per head in 1910 was higher in the case of those not on farms than in the case of those on farms. This is due in part to the fact that a relatively larger proportion of the animals not on farms are of adult age than in the case of those on farms.

CHAPTER 12.

LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS.

Introduction.—This chapter summarizes the data collected by the Thirteenth Decennial Census for dairy products, wool and mohair, poultry and eggs, honey and wax, and domestic animals sold or slaughtered on farms. The returns for these items at the census of 1910, like those for crops, relate to the activities of the calendar year 1909.

It is impossible to give a total representing the value of the annual production of live stock products, for the reason that the total value of products of the

business of raising domestic animals for use, sale, or slaughter can not be calculated from the census returns. And even if a total representing the value of the annual production of live stock products could be obtained and were added to the value of all crops (data for which are presented in Chapter 13), the sum would not accurately represent the total value of farm products for the year, because much duplication would result from the fact that part of the crops are fed to the live stock.

DAIRY PRODUCTS.

United States as a whole: 1909 and 1899.—The census statistics of dairy products are somewhat less complete and accurate than is believed to be the case with the statistics of the principal crops. While many farms make the dairy business the main or an important feature of their operations, yet for the great majority it is more or less incidental, cows being kept chiefly for breeding purposes or to supply milk and butter for the farmer's family. On such farms in particular, records of dairy products are seldom kept, and farmers are usually able to make only rough estimates regarding them, and in many cases are unwilling to make any estimates at all. Especial difficulty is encountered in securing reports of the total quantity of milk produced. In many instances, even when farmers make replies to all the inquiries, it is probable that they understate the production, particularly by neglecting or underestimating the home consumption of milk and other dairy products.

The incompleteness of the returns is indicated by the fact that, while there were 5,140,869 farms in the United States for which the enumerators reported dairy cows on April 15, 1910, for only 4,413,333 of these farms were dairy products of any kind reported as produced in 1909, and for only 4,027,460 was the quantity of milk produced in 1909 stated. The total number of dairy cows on farms April 15, 1910, was reported as 20,625,000, while the number on farms which reported the production of any kind of dairy products in 1909 was 18,746,000, or 90.9 per cent of the total number, and the number on farms which reported the production of milk in 1909 was 16,069,000, or 77.9 per cent of the total. In considering these figures, however, it should be borne in mind that there is no precise distinction between dairy cows and cows

not kept for their milk. In a considerable number of cases enumerators probably reported as dairy cows animals which in fact were primarily kept for breeding purposes and which were only milked for short periods, if at all, during the preceding year.

Because of this indefiniteness in the returns for dairy cows it has not been considered desirable to make estimates of the production of milk or other dairy products on farms which reported dairy cows but failed to report the quantity of milk produced or failed to report dairy products of any kind. At the Twelfth Census estimates of this character were made to a considerable extent, and for this reason the statistics published for that census are not closely comparable with those for the Thirteenth Census. The statistics of butter and cheese for the two censuses are, however, more nearly comparable than those for milk.

Table 1, on page 344, shows, for the United States, data regarding dairy products in 1909, as reported by the enumerators, together with certain items for 1899, as published in the reports of the Twelfth Census.

The total quantity of milk reported as produced on farms in 1909 was 5,814,000,000 gallons. There were, on April 15, 1910, 16,069,000 dairy cows on the farms reporting this milk. Assuming that there were the same number of cows in 1909, the average production of milk per cow would be 362 gallons.

The total value of dairy products of farms in 1909, exclusive of milk and cream consumed on the farm, was reported as \$596,413,000. This represents the sum of the receipts from the sale of milk, cream, and butter fat (amounting in all to \$372,403,000), and the value of all butter and cheese produced on farms, whether sold or retained for home use (amounting to \$224,010,000).

Table 1	FARMS REPORTING.		VALUE.			
	Number.	Per cent of all farms.	Number or quantity.	Unit.	Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	5,140,869	80.8	20,625,432			
On farms reporting dairy products in 1909.....	4,413,333	69.4	18,745,662			
On farms reporting milk produced in 1909.....	4,021,460	63.2	16,069,298			
Specified dairy products of farms, 1909:						
Milk reported.....			5,813,699,474	Gals.		
Butter made.....	3,787,749	59.5	994,650,610	Lbs.	\$222,861,440	\$0.22
Cheese made.....	12,054	0.2	9,405,865	Lbs.	1,148,708	0.12
Milk sold.....	493,916	7.8	1,937,255,864	Gals.	252,436,757	0.13
Cream sold.....	164,117	2.6	16,372,318	Lbs.	37,655,047	0.69
Butter fat sold ¹	361,126	5.7	305,662,587	Lbs.	82,311,511	0.27
Butter sold.....	1,785,408	28.1	413,080,489	Lbs.	100,378,123	0.24
Cheese sold.....	6,019	0.1	8,136,501	Lbs.	987,974	0.12
Total receipts from sales, 1909.....					473,769,412	
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					596,413,463	
Specified dairy products of farms, 1899:						
Butter made.....	3,617,366	63.0	1,071,626,056	Lbs.		
Cheese made.....	15,069	0.3	16,372,318	Lbs.		
Butter sold.....			518,042,767	Lbs.	86,570,973	0.17
Cheese sold.....			14,692,542	Lbs.	1,342,444	0.09
Butter and cheese made in factories:						
Butter—1909 ²			624,764,653	Lbs.	179,510,619	0.29
1899.....			420,126,546	Lbs.	84,079,754	0.20
Cheese—1909 ²			311,126,217	Lbs.	45,239,924	0.14
1899.....			281,972,324	Lbs.	26,519,826	0.09
Total production of butter and cheese:						
Butter—1909 ²			1,619,415,263	Lbs.	402,372,059	0.25
1899.....			1,491,752,602	Lbs.	49,413,000	0.03
Cheese—1909 ²			320,532,181	Lbs.	44,388,632	0.14
1899.....			298,344,642	Lbs.	26,519,826	0.09

¹ While butter fat does not constitute a separate product, large quantities of cream and milk are sold on the basis of a specified price per pound for the butter fat which they contain; hence it is proper to speak of the quantity of butter fat sold.

² In addition, 2,381,212 pounds of butter, valued at \$661,171, and 49,413 pounds of part-cream cheese, valued at \$5,715, were produced by establishments engaged in the manufacture of products other than those covered by creameries and cheese factories.

The census schedules did not call for the combined value of all dairy products as one item, nor did they call for the total value of milk produced. In order to obtain a true total for the value of dairy products, it would be necessary to ascertain the value of milk, cream, butter, and cheese consumed on the farm, including milk fed to animals, and to add to this the reported value of products sold. In the belief that no satisfactory results could be secured from such an inquiry, the census schedules did not call for the value of milk and cream consumed on the farm, and it has not been considered feasible to estimate this value from the other data reported. Such estimates were made at the Twelfth Census, but they can not be considered as more than very rough approximations.

The total reported value of dairy products sold in 1909 was \$473,769,000, of which the value of milk, cream, and butter fat sold represented nearly four-fifths and that of butter most of the remainder. The quantity of milk sold as such was reported as 1,937,000,000 gallons, or substantially one-third of the total reported as produced; but it should be borne in

mind that a great deal of milk sold or delivered to creameries for butter making is paid for on the basis of the cream or butter fat content, in which case the quantity of such cream or butter fat was usually reported on the census schedules and not the quantity of milk. The greater part of the milk reported as sold was doubtless consumed as such, chiefly in cities and villages, but a considerable quantity represents milk delivered to condensed-milk and cheese factories, and a small part represents milk which was delivered to creameries for the production of butter and reported as milk instead of on the basis of the cream or butter fat contained.

The reported farm production of butter and of cheese in 1909—994,651,000 pounds and 9,406,000 pounds, respectively—was considerably less than the production for the year 1899 as given in the published reports of the Twelfth Census, but this difference is doubtless due in part to the fact that the latter included some estimates for farms with incomplete reports. The manufacture of butter and cheese is, however, gradually being transferred from farms to factories. The combined farm and factory production of butter was 1,619,415,000 pounds in 1909 and 1,491,753,000 pounds in 1899. The increase during the decade was thus 127,663,000 pounds, or 8.6 per cent. The factory production alone increased 48.7 per cent. Of the total product, that made in factories constituted 38.6 per cent in 1909 and 28.2 per cent in 1899.

The production of cheese on farms and in factories was 320,532,000 pounds in 1909, as compared with 298,345,000 pounds in 1899, an increase of 7.4 per cent. At both censuses much the greater part of the cheese was made in factories, but the proportion in 1909 (97.1 per cent) was higher than that in 1899 (94.5 per cent).

Production of dairy products, by divisions and states.—Table 2 shows, by geographic divisions, the total number of farms reporting dairy cows, the number reporting dairy products, and the number reporting the quantity of milk produced, with the number of dairy cows reported by the farms of each class. Dairy products and milk production appear to have been much more completely reported in some divisions than in others. In the New England division, for example, the number of farms reporting dairy products was 91.9 per cent of the number reporting dairy cows, and the number reporting the quantity of milk produced, 83.6 per cent, while in the Mountain division the number of farms reporting dairy products was only 70.9 per cent of the number reporting dairy cows, and the number reporting the quantity of milk produced, 63.8 per cent. In general, it may be said that the reports of dairy products for the four northern divisions appear to be more complete than those for the other divisions, the deficiency being greatest in those divisions where cows not kept for dairy purposes considerably outnumber the dairy cows.

Table 2 DAIRY COWS ON FARMS APRIL 15, 1910

DIVISION.	Total.		On farms report- ing dairy products in 1909.		On farms report- ing milk produced in 1909.	
	Farms report- ing.	Number of cows.	Farms report- ing.	Number of cows.	Farms report- ing.	Number of cows.
United States.....	5,140,869	20,625,432	4,413,333	18,745,662	4,021,450	16,063,293
New England.....	147,028	841,658	153,180	835,920	122,834	739,320
Middle Atlantic.....	400,473	2,597,652	398,336	2,474,485	305,042	2,043,586
East North Central.....	1,009,479	4,829,527	924,481	4,580,632	808,709	3,817,196
West North Central.....	980,135	5,327,606	859,659	4,890,956	726,153	3,894,317
South Atlantic.....	794,716	1,810,754	685,367	1,557,143	635,948	1,464,875
East South Central.....	515,423	1,628,061	692,436	1,421,785	683,239	1,391,307
West South Central.....	724,466	2,249,553	579,641	1,889,495	559,903	1,792,126
Mountain.....	120,328	514,466	85,315	401,543	76,759	343,694
Pacific.....	139,621	826,115	109,857	723,691	99,733	591,377

Table 3 shows statistics of the production of dairy products on farms, by geographic divisions.

The distribution of the farm production of dairy products among the geographic divisions naturally conforms more or less closely to the distribution of the number of dairy cows, but the correspondence is by no means exact. The imperfections of the reports, both as to the number of dairy cows and as to the quantity of dairy products, especially milk produced, renders close comparison impossible.

Of the total value of dairy products in 1909 (excluding the value of milk and cream consumed on the farm

where produced), the East North Central division reported \$159,674,000, or 26.8 per cent, the Middle Atlantic division \$130,773,000, or 21.9 per cent, and the West North Central division \$108,825,000, or 18.2 per cent, these three divisions together reporting over two-thirds of the total. It is probable, however, that the relative importance of the home consumption of milk and cream is considerably greater in the South and somewhat greater in the West than it is in the North, and that if the value of all dairy products, including such consumption, could be accurately computed, the southern and western divisions would show somewhat larger percentages of the aggregate for the United States than appear in Table 3.

Because of the considerable degree of incomparability between the reports of the number of dairy cows and those of milk production, the average quantity of milk per cow is not presented for divisions or states. According to the figures reported, the average production per cow (based on the number of dairy cows in 1910 on farms reporting milk produced in 1909 and the quantity of milk produced in 1909) was very much greater in the New England, Middle Atlantic, East North Central, and Pacific divisions than in any of the others. This doubtless conforms approximately to the facts.

Table 3

DIVISION.	Total value of dairy products of farms: ¹ 1909	Milk reported (gallons): 1909	BUTTER MADE ON FARMS.			CHEESE MADE ON FARMS.			PER CENT OF TOTAL.		
			Quantity (pounds).		Value: 1909	Quantity (pounds).		Value: 1909	Number of dairy cows on farms April 15, 1910	Total value of dairy products: ¹ 1909	Milk reported: ¹ 1909
			1909	1899		1909	1899				
United States.....	\$586,413,453	5,812,639,474	994,659,610	1,071,626,056	\$222,851,440	9,405,864	16,372,318	\$1,148,768	100.0	100.0	100.0
New England.....	50,720,706	347,872,803	40,732,783	51,454,627	11,704,089	673,865	1,033,103	89,180	4.1	8.5	6.0
Middle Atlantic.....	100,772,563	1,001,269,989	88,242,238	154,829,824	22,956,544	1,910,549	3,566,096	194,472	12.6	21.9	17.2
East North Central.....	159,673,557	1,564,282,966	230,966,876	287,878,290	53,108,927	1,891,208	3,636,013	215,395	23.4	26.8	26.9
West North Central.....	108,824,533	1,266,991,620	201,172,278	251,226,460	44,748,964	473,196	1,054,109	59,999	25.8	18.2	21.8
South Atlantic.....	35,578,453	418,845,354	123,270,352	89,111,226	26,054,617	480,805	61,024	8	8	6.0	7.2
East South Central.....	30,200,917	400,467,525	136,239,873	97,941,277	25,739,427	93,971	137,327	9,703	7.9	5.1	6.9
West South Central.....	32,394,027	416,401,603	128,188,799	88,382,053	25,838,528	424,832	336,113	44,597	10.9	5.4	7.2
Mountain.....	12,991,603	116,468,995	18,115,811	14,869,383	4,992,172	457,740	730,596	70,947	2.5	2.2	2.0
Pacific.....	35,267,042	281,091,588	27,721,410	36,332,916	7,678,172	3,060,048	4,868,513	413,432	4.0	5.9	4.8

¹ Excluding milk and cream used on the farms producing.

Table 4, on the next page, shows the production of butter and cheese on farms and in factories, by geographic divisions, and Table 5 shows the percentage of the respective totals reported for each division.

In 1909 the production in factories formed 67.3 per cent of the total production of butter in the Pacific division and 54.8 per cent in the West North Central division, while in the three southern divisions taken together it represented only 2.3 per cent. In the other four divisions less butter was made in factories than on farms, but there was no such great difference as in the South. Of the total production of butter on farms and in factories in 1909, the West North Central division reported 27.5 per cent and the East North Central 26.2 per cent, the production in the Middle Atlantic division, which ranked next, constituting only 10.2 per cent of the total.

While the butter production is very widely distributed, cheese is produced only to a limited extent outside of two divisions. The East North Central division in 1909 produced 56.3 per cent of the total farm and factory output, and the Middle Atlantic 36.9 per cent. In fact, as shown by Table 10, two states, Wisconsin and New York, produced about four-fifths of the total. The quantity of butter made on farms was less in 1909 than in 1899 in the four geographic divisions of the North, and also in the Pacific division, but in all of these divisions, except the Middle Atlantic and the New England, the factory production was decidedly greater in the later year than in the earlier. In the three southern divisions, where practically all the butter is still made on farms, there was an increase in farm production between 1899 and 1909, the percentage of increase for the three divisions taken together being 41.

Table 4

DIVISION.	BUTTER PRODUCED (POUNDS).				CHEESE PRODUCED (POUNDS).				PER CENT OF TOTAL.			
	1909		1899		1909		1899		1909		1899	
	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Butter.	Cheese.		
United States:												
Total.....	1,619,415,263	1,481,752,602	127,662,661	8.6	320,532,181	298,344,842	22,187,539	7.4	100.0	100.0	100.0	100.0
Made on farms.....	894,850,810	1,071,628,956	-78,875,448	-7.2	9,405,864	16,372,318	-6,966,454	-42.6	61.4	71.8	2.9	6.5
Made in factories*.....	624,564,653	420,126,946	204,638,107	48.7	311,126,317	281,972,324	29,153,993	10.3	38.8	28.2	97.1	94.5
NEW ENGLAND:												
Total.....	(2)	92,032,196	(2)	(2)	3,676,609	6,958,700	-3,282,091	-47.2	(2)	100.0	100.0	100.0
Made on farms.....	40,732,783	51,454,627	-10,721,844	-20.8	673,865	1,003,103	-329,238	-32.8	(2)	55.9	18.3	14.4
Made in factories.....	(2)	40,577,569	(2)	(2)	3,002,744	5,955,597	-2,952,853	-49.6	(2)	44.1	81.7	85.6
MIDDLE ATLANTIC:												
Total.....	165,392,518	233,956,350	-68,563,832	-29.3	118,339,484	141,259,571	-22,920,087	-16.2	100.0	100.0	100.0	100.0
Made on farms.....	88,242,228	154,829,824	-66,587,596	-43.0	1,910,549	3,506,096	-1,595,547	-45.5	53.4	66.2	1.6	2.5
Made in factories.....	77,150,290	79,156,526	-2,006,236	-2.5	116,428,935	-21,324,540	-15.5	46.6	33.8	98.4	97.5	
EAST NORTH CENTRAL:												
Total.....	424,137,997	403,208,930	20,929,067	5.2	180,423,449	120,279,059	60,144,360	50.0	100.0	100.0	100.0	100.0
Made on farms.....	230,966,876	287,878,290	-56,911,414	-19.8	1,891,203	3,636,013	-1,744,805	-48.0	54.5	71.4	1.0	3.0
Made in factories.....	193,171,121	115,330,640	77,840,481	67.5	178,532,241	116,643,076	61,889,165	53.1	45.5	28.6	99.0	97.0
WEST NORTH CENTRAL:												
Total.....	444,724,204	407,632,767	37,091,437	9.1	(2)	13,667,004	(2)	(2)	100.0	100.0	(2)	100.0
Made on farms.....	201,172,278	251,226,460	-50,054,182	-19.9	473,196	1,684,109	-1,210,913	-71.9	45.2	61.6	(2)	12.3
Made in factories.....	243,551,926	156,406,307	87,145,619	55.7	(2)	11,982,895	(2)	(2)	54.8	38.4	(2)	87.7
SOUTH ATLANTIC:												
Total.....	(2)	82,883,312	(2)	(2)	(2)	593,308	(2)	(2)	(2)	100.0	(2)	100.0
Made on farms.....	123,270,552	89,111,226	34,159,326	38.3	480,805	480,448	357	0.1	(2)	95.9	(2)	81.0
Made in factories.....	(2)	3,772,086	(2)	(2)	(2)	112,860	(2)	(2)	(2)	4.1	(2)	19.0
EAST SOUTH CENTRAL:												
Total.....	(2)	(2)	(2)	(2)	93,971	93,971	(2)	(2)	(2)	(2)	100.0	(2)
Made on farms.....	136,239,873	97,541,277	38,698,596	39.7	93,971	137,327	-43,356	-31.6	(2)	(2)	100.0	(2)
Made in factories.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
WEST SOUTH CENTRAL:												
Total.....	(2)	88,856,542	(2)	(2)	(2)	473,381	(2)	(2)	(2)	100.0	(2)	100.0
Made on farms.....	128,188,799	88,382,053	39,806,746	45.0	424,482	336,113	88,369	26.3	(2)	99.5	(2)	71.0
Made in factories.....	(2)	474,489	(2)	(2)	(2)	137,268	(2)	(2)	(2)	0.5	(2)	29.0
MOUNTAIN:												
Total.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Made on farms.....	18,115,811	14,869,383	3,246,428	21.8	(2)	457,740	(2)	(2)	(2)	(2)	(2)	(2)
Made in factories.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
PACIFIC:												
Total.....	84,780,111	54,653,831	30,126,280	55.1	9,208,931	10,222,747	-1,013,816	-9.9	100.0	100.0	100.0	100.0
Made on farms.....	27,721,410	36,320,916	-8,611,506	-23.7	3,000,043	4,868,513	-1,868,465	-38.4	32.7	66.5	32.6	47.6
Made in factories.....	57,058,701	18,332,915	38,737,786	211.4	6,208,888	5,354,234	854,649	16.0	67.3	33.5	67.4	52.6

* See footnote 2, Table 1, p. 344.

1 A minus sign (-) denotes decrease.

2 Can not be shown separately, as to do so would disclose individual operations.

Table 5

DIVISION.	PER CENT OF UNITED STATES TOTAL.									
	Butter.					Cheese.				
	Total.		Made on farms.		Made in factories.	Total.		Made on farms.		Made in factories.
	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	(1)	6.2	4.1	4.8	(1)	9.7	1.1	2.3	7.2	1.0
Middle Atlantic.....	(1)	2.0	15.7	8.9	14.8	12.3	18.8	36.9	47.3	20.3
East North Central.....	26.2	27.0	23.2	26.9	30.9	27.5	56.3	40.3	29.1	57.4
West North Central.....	27.5	27.3	20.2	23.4	39.0	37.2	(1)	4.6	3.0	(1)
South Atlantic.....	(1)	6.2	12.4	8.3	(1)	0.9	(1)	0.2	5.1	(1)
East South Central.....	(1)	(1)	13.7	9.1	(1)	(1)	(1)	(1)	1.0	.....
West South Central.....	(1)	6.0	12.9	8.2	(1)	0.1	(1)	0.2	4.5	(1)
Mountain.....	(1)	(1)	1.8	1.4	(1)	(1)	(1)	(1)	4.9	(1)
Pacific.....	5.2	3.7	2.8	3.4	9.1	4.4	2.9	3.4	31.9	2.0

1 Can not be shown separately, as to do so would disclose individual operations.
2 Less than one-tenth of 1 per cent.

Tables 9 and 10, on subsequent pages, show, by states, statistics of the dairy products of farms, and the quantity of butter and cheese made in factories, with the total made on farms and in factories. In 1909 the leading dairy states, as judged by the total value of the farm production (excluding milk and cream used at home), were New York, Wisconsin, Pennsylvania, Illinois, Iowa, Ohio, Minnesota, Michigan, and California, in each of which the value reported exceeded \$20,000,000. In the production of butter (on farms and in factories combined) Wisconsin was the leading state, followed by Iowa, Minnesota, Pennsylvania, Michigan, Ohio, Illinois, and New York. A large part

of the milk produced in New York is sold for consumption in the cities, and a large proportion is also used in making cheese. New York ranked next to Wisconsin in the production of cheese, and in no other state did the quantity produced equal one-seventh of that reported for New York. In the combined production of butter and cheese Wisconsin led, with 279,992,000 pounds, followed by New York, with 174,944,000 pounds.

Sales of dairy products, by divisions and states.—Table 6 shows, by geographic divisions, the quantity and value of dairy products sold by farmers. Sales of butter and cheese by factories are not shown, as they are substantially the same as the production.

Comparisons between divisions as to the percentage which milk sold as such—which does not include milk paid for on the basis of cream or butter fat content—forms of the total milk produced would have comparatively little significance. As shown by the percentages in Table 6, there are wide differences among the geographic divisions with respect to the ratio which the quantity of butter and, to a less degree, of cheese, sold bears to the total production. In the North and West a large proportion of the butter made on farms is sold, the percentages in 1909 ranging from 42.2 in the Mountain division to 72.5 in New England. In the South a much smaller proportion is sold, the percentages ranging from 16.7 in the East South Central division to 27.5 in the South Atlantic. In a majority

DIVISION.	Amount received from sales of dairy products by farmers: 1909	Milk sold (gallons): 1909	Cream sold (gallons): 1909	Butter fat sold (pounds): 1909	BUTTER SOLD BY FARMERS (POUNDS).		CHEESE SOLD BY FARMERS (POUNDS).		RATIO OF SALES TO TOTAL PRODUCTION (PER CENT).					
					1909	1899	1909	1899	Butter.		Cheese.			
					1909	1899	1909	1899	1909	1899	1909	1899		
United States:														
Quantity sold.....		1,837,255,864	54,933,583	305,662,587	415,080,489	618,042,767	8,136,901	14,692,542	41.7	48.3	86.5	89.7		
Amount received.....	\$473,769,412	\$252,436,757	\$37,655,947	\$52,311,511	\$100,378,123	\$86,570,973	\$987,974	\$1,342,444						
NEW ENGLAND:														
Quantity sold.....		175,209,750	4,469,060	14,539,430	29,528,001	38,854,031	591,008	870,036	72.5	75.5	87.7	86.7		
Amount received.....	\$47,538,217	\$31,344,948	\$3,168,909	\$4,413,631	\$5,533,864	\$5,193,207	\$76,805	\$98,667						
MIDDLE ATLANTIC:														
Quantity sold.....		750,566,634	2,446,696	44,023,628	57,828,247	106,919,914	1,752,682	3,358,354	65.5	69.1	91.7	95.8		
Amount received.....	\$122,959,049	\$83,644,462	\$1,713,979	\$12,223,106	\$15,229,862	\$20,153,645	\$177,640	\$306,052						
EAST NORTH CENTRAL:														
Quantity sold.....		661,302,433	15,272,040	85,099,734	135,159,149	102,381,475	1,718,462	3,317,544	58.5	56.4	90.9	91.2		
Amount received.....	\$138,401,771	\$73,003,193	\$10,157,366	\$23,128,671	\$31,855,809	\$24,820,189	\$196,727	\$273,200						
WEST NORTH CENTRAL:														
Quantity sold.....		144,537,918	22,599,643	123,176,904	88,186,732	122,614,081	334,300	1,331,797	43.8	48.8	70.6	79.1		
Amount received.....	\$84,990,336	\$18,214,700	\$14,530,377	\$31,270,458	\$20,333,127	\$17,875,635	\$41,639	\$126,771						
SOUTH ATLANTIC:														
Quantity sold.....		45,378,866	1,027,441	505,904	33,888,871	24,432,566	385,920	436,703	27.5	27.4	80.3	90.9		
Amount received.....	\$17,137,738	\$8,603,975	\$743,112	\$125,727	\$7,622,916	\$4,214,943	\$42,008	\$25,040						
EAST SOUTH CENTRAL:														
Quantity sold.....		22,533,214	368,959	217,860	22,688,468	16,500,683	64,748	77,691	16.7	16.9	68.9	56.5		
Amount received.....	\$9,301,281	\$4,126,971	\$265,754	\$59,062	\$4,842,959	\$2,731,995	\$6,353	\$7,847						
WEST SOUTH CENTRAL:														
Quantity sold.....		21,070,626	1,064,000	4,465,810	24,321,179	15,745,423	270,967	231,316	19.0	17.8	63.8	68.8		
Amount received.....	\$11,922,158	\$4,700,646	\$795,188	\$4,465,810	\$5,381,690	\$2,499,218	\$29,566	\$20,370						
MOUNTAIN:														
Quantity sold.....		31,108,668	1,549,881	4,799,132	7,635,775	7,092,465	307,141	554,371	42.2	47.7	67.1	76.9		
Amount received.....	\$10,141,353	\$5,346,099	\$1,280,340	\$1,823,095	\$2,166,918	\$1,518,094	\$45,931	\$81,123						
PACIFIC:														
Quantity sold.....		85,497,748	6,135,863	28,774,135	15,844,067	23,502,129	2,711,073	4,514,530	57.2	64.7	90.4	92.7		
Amount received.....	\$31,947,479	\$13,941,758	\$5,500,022	\$8,723,765	\$4,410,978	\$4,564,047	\$371,603	\$423,374						

of the divisions a smaller proportion was sold in 1909 than in 1899.

In total value of dairy products sold by farmers in 1909, the East North Central division ranked first, followed by the Middle Atlantic and West North Central, these three divisions together reporting 73 per cent of the total for the United States.

Table 7 shows, by geographic divisions, the average value per gallon or per pound of the several classes of dairy products sold by farmers.

DIVISION.	AVERAGE VALUE OF PRODUCTS SOLD BY FARMERS.							
	Milk, per gallon: 1909	Cream, per gallon: 1909	Butter fat, per pound: 1909	Butter, per pound.		Cheese, per pound.		
				1909	1899	1909	1899	
United States.....	\$0.130	\$0.685	\$0.369	\$0.243	\$0.167	\$0.211	\$0.091	
New England.....	0.179	0.709	0.262	0.289	0.201	0.130	0.113	
Middle Atlantic.....	0.125	0.701	0.278	0.263	0.188	0.101	0.091	
East North Central.....	0.110	0.665	0.272	0.236	0.153	0.114	0.082	
West North Central.....	0.126	0.643	0.254	0.231	0.146	0.125	0.085	
South Atlantic.....	0.190	0.723	0.249	0.225	0.173	0.109	0.067	
East South Central.....	0.183	0.720	0.217	0.215	0.166	0.101	0.101	
West South Central.....	0.223	0.747	0.227	0.221	0.159	0.109	0.088	
Mountain.....	0.172	0.794	0.282	0.284	0.214	0.150	0.110	
Pacific.....	0.153	0.823	0.303	0.278	0.194	0.137	0.094	

The average value of butter sold by farmers in the United States for a whole was 24.2 cents per pound in 1909, as compared with 16.7 cents in 1899, an increase of 44.9 per cent. In 1909 the average value was highest in New England, 28.9 cents, and lowest in the East South Central division, 21.3 cents. The average value of cheese sold increased from 9.1 cents per pound in 1899 to 12.1 cents in 1909, or 33 per cent. In the latter year the average ranged from 10.1 cents in the Middle Atlantic and East South Central divisions to 15 cents in the Mountain division.

Table 8 shows, by states, the sales of dairy products.

Table 8 SALES OF SPECIFIED DAIRY PRODUCTS BY FARMERS: 1909

STATE.	Receipts from sales (dollars).	Milk (gallons).	Cream (gallons).	Butter fat (pounds).	Butter (pounds).	Cheese (pounds).
United States	473,769,412	1,837,255,864	54,933,583	305,662,587	415,080,488	8,136,901
N. ENGLAND:						
Maine.....	6,722,779	12,784,866	737,706	4,060,344	8,389,817	84,244
New Hampshire.....	5,129,027	21,121,268	380,944	566,299	3,510,559	168,705
Vermont.....	11,501,577	33,998,934	2,353,668	7,756,395	12,822,124	238,319
Massachusetts.....	14,940,927	64,406,692	5,011,876	11,418,019	22,230,311	32,490
Rhode Island.....	2,017,444	8,796,847	42,421	5,347	17,722	2,175
Connecticut.....	7,325,433	34,000,152	452,427	1,063,996	2,337,834	55,075
MID. ATLANTIC:						
New York.....	74,939,815	524,279,723	1,207,174	36,249,617	12,630,113	334,301
New Jersey.....	9,685,352	56,856,550	79,485	249,557	2,003,029	42,462
Pennsylvania.....	38,363,852	169,420,361	1,160,037	7,524,454	45,185,105	1,375,919
E. N. CENT.:						
Ohio.....	25,574,635	99,430,945	2,191,997	7,563,527	39,252,326	518,650
Indiana.....	12,768,710	52,562,614	1,347,660	6,361,831	24,715,894	39,858
Illinois.....	20,720,849	158,031,332	2,104,352	4,537,745	24,442,251	54,502
Michigan.....	22,699,178	74,025,769	2,485,061	18,287,691	30,010,783	284,026
Wisconsin.....	51,238,390	297,251,969	7,142,970	48,245,940	16,737,395	821,426
W. N. CENT.:						
Minnesota.....	25,914,222	53,181,785	5,756,165	40,414,151	18,016,409	79,045
Iowa.....	26,429,748	55,221,511	8,062,449	42,917,696	17,917,287	61,160
Missouri.....	8,187,856	15,733,185	1,399,989	4,927,383	14,646,771	104,339
N. Dakota.....	2,676,298	1,644,150	834,103	2,185,377	7,019,109	9,974
S. Dakota.....	4,501,420	2,385,781	2,222,961	5,776,689	5,941,092	7,380
Nebraska.....	7,631,658	6,509,330	1,652,903	12,371,699	11,652,068	55,528
Kansas.....	9,549,129	9,501,126	2,361,065	14,583,909	12,993,386	16,674
S. ATLANTIC:						
Delaware.....	966,173	4,425,929	25,800	15,149	1,024,945	200
Maryland.....	4,784,322	19,424,325	455,496	343,148	5,682,228	251,071
Dist. of Col.....	116,116	339,345			1,800	
Virginia.....	3,772,617	8,577,893	302,217	97,558	7,983,430	41,912
W. Virginia.....	4,440,749	14,050,741	2,104,352	4,537,745	24,442,251	54,502
N. Carolina.....	1,787,245	2,380,029	21,329	9,224	5,670,590	28,682
S. Carolina.....	626,305	919,745	11,282	10,023	1,752,269	8,415
Georgia.....	1,974,011	3,372,098	97,564	17,286	4,385,354	1,616
Florida.....	578,751	1,388,751	9,048	2,096	310,651	112
E. S. CENT.:						
Kentucky.....	3,729,237	10,415,482	159,016	154,427	8,421,827	38,851
Tennessee.....	3,211,978	6,814,209	145,976	32,345	9,009,307	11,883
Alabama.....	1,638,594	2,937,426	28,385	21,734	2,805,021	2,435
Mississippi.....	1,001,562	1,966,097	35,582	9,344	2,452,313	11,579
W. S. CENT.:						
Arkansas.....	1,508,832	3,952,322	53,302	74,607	3,094,311	8,496
Louisiana.....	1,588,338	4,501,111	32,433	17,073	1,019,420	180,796
Oklahoma.....	3,364,515	3,626,217	526,193	3,137,112	7,465,824	11,765
Texas.....	5,401,423	8,990,968	452,072	1,247,018	12,141,624	69,730
MOUNTAIN:						
Montana.....	1,646,693	3,584,689	274,970	652,097	1,234,263	44,571
Idaho.....	1,379,390	2,060,111	319,542	1,911,867	1,417,663	61,203
Wyoming.....	338,925	1,377,607	46,680	67,303	461,952	6,435
Colorado.....	3,407,723	10,037,067	440,257	1,087,681	2,914,143	56,413
New Mexico.....	434,199	1,036,922	9,679	11,248	410,634	24,918
Arizona.....	842,210	3,347,723	37,744	665,580	120,951	50,181
Utah.....	1,648,655	8,471,712	270,225	914,133	919,581	62,065
Nevada.....	443,588	1,192,833	150,775	209,003	166,588	1,359
PACIFIC:						
Wash.....	7,693,479	25,524,209	1,911,261	4,386,283	3,112,326	43,530
Oregon.....	5,170,703	14,640,103	827,541	5,211,133	2,446,158	154,328
California.....	19,083,297	45,333,432	3,997,061	19,176,719	10,285,583	513,815

DAIRY PRODUCTS OF FARMS, BY DIVISIONS AND STATES.

Table 9 DIVISION OR STATE.	Total value, excluding home use of milk and cream: 1909	Milk reported (gallons): 1909	BUTTER MADE.			CHEESE MADE.		
			Quantity (pounds).		Value: 1909	Quantity (pounds).		Value: 1909
			1909	1899		1909	1899	
United States.....	3596,413,463	5,813,699,474	894,650,610	1,071,626,056	\$222,861,440	9,405,864	16,372,318	\$1,148,708
GEOGRAPHIC DIVISIONS:								
New England.....	50,720,766	347,872,803	40,732,783	51,454,627	11,704,089	673,865	1,003,103	89,189
Middle Atlantic.....	130,772,563	1,001,269,989	88,242,228	154,829,824	22,966,544	1,910,549	3,506,096	194,472
East North Central.....	159,673,557	1,564,282,066	230,966,876	287,878,290	53,108,927	1,891,208	3,636,013	215,395
West North Central.....	108,824,533	1,266,991,620	201,172,378	251,226,460	44,748,964	473,196	1,684,109	59,999
South Atlantic.....	35,578,465	418,843,384	123,270,552	89,111,226	26,054,617	480,805	480,448	51,024
East South Central.....	30,200,917	400,476,525	136,239,873	97,541,277	25,739,427	93,971	137,327	9,703
West South Central.....	32,394,027	416,401,603	128,188,799	88,382,053	25,838,528	424,482	336,113	44,597
Mountain.....	12,991,603	116,468,996	18,115,811	14,869,353	4,992,172	457,740	720,566	70,897
Pacific.....	35,257,042	281,091,588	27,721,410	36,332,916	7,678,172	3,000,048	4,868,513	413,432
NEW ENGLAND:								
Maine.....	8,079,692	56,026,334	13,299,229	16,174,173	3,786,064	118,216	425,102	18,872
New Hampshire.....	5,589,711	35,033,153	5,065,188	6,385,611	1,509,706	180,996	104,339	24,456
Vermont.....	12,128,465	114,317,169	15,165,692	18,834,706	4,185,028	245,884	406,659	32,583
Massachusetts.....	15,187,774	96,304,347	3,364,516	4,980,262	1,041,382	45,753	19,629	5,311
Rhode Island.....	2,065,941	10,441,951	339,607	488,086	104,161	3,860	6,751	615
Connecticut.....	7,669,183	45,749,849	3,498,551	4,591,789	1,077,658	79,156	40,623	7,352
MIDDLE ATLANTIC:								
New York.....	77,807,161	597,363,198	23,461,702	74,714,376	6,268,386	390,049	2,024,552	43,195
New Jersey.....	10,156,600	67,698,219	3,622,411	5,894,363	1,059,935	77,824	24,377	9,277
Pennsylvania.....	42,808,802	336,208,572	61,158,115	74,221,085	15,668,223	1,442,676	857,167	152,000
EAST NORTH CENTRAL:								
Ohio.....	30,899,408	307,590,755	63,569,132	79,551,299	14,306,897	613,233	1,167,001	57,182
Indiana.....	16,666,374	194,736,962	43,181,817	51,042,396	9,402,994	63,619	178,733	7,800
Illinois.....	31,542,209	320,240,399	46,609,992	52,403,450	10,493,217	81,918	323,485	8,396
Michigan.....	26,727,583	283,387,201	50,405,426	60,051,968	11,805,872	291,176	331,176	36,228
Wisconsin.....	53,868,028	458,327,649	27,200,509	44,739,147	7,101,237	841,262	1,635,618	166,789
WEST NORTH CENTRAL:								
Minnesota.....	29,219,406	273,319,603	34,708,669	41,188,846	8,593,233	106,075	290,623	14,375
Iowa.....	31,196,853	318,954,506	38,679,568	61,789,288	9,061,041	78,538	306,428	10,689
Missouri.....	13,683,318	188,297,972	42,105,143	45,509,110	8,744,025	159,785	323,439	17,495
North Dakota.....	4,872,304	70,637,899	16,414,439	9,178,815	3,505,579	22,774	70,881	2,976
South Dakota.....	6,192,608	82,428,514	13,629,407	17,400,970	3,024,509	14,344	136,863	2,011
Nebraska.....	10,566,275	160,610,359	25,986,931	34,518,659	5,385,494	63,773	264,430	8,477
Kansas.....	13,091,739	172,742,767	29,647,861	41,640,772	6,432,083	27,927	291,445	3,976
SOUTH ATLANTIC:								
Delaware.....	1,089,497	7,859,857	1,563,161	1,629,949	400,428	700	104	114
Maryland.....	5,420,900	11,094,421	8,739,620	9,096,662	2,010,106	259,386	338,453	26,277
District of Columbia.....	117,335	555,342	6,155	3,478	1,754	.....	.....	.....
Virginia.....	7,704,326	95,555,051	26,651,244	19,905,830	5,083,060	97,263	31,697	9,191
West Virginia.....	5,060,138	11,230,033	18,969,699	16,913,129	4,054,498	70,473	74,243	9,003
North Carolina.....	5,789,843	82,601,779	26,059,585	16,913,802	5,213,783	39,353	28,833	3,729
South Carolina.....	2,800,605	37,361,666	12,329,367	8,150,437	2,562,561	12,909	1,081	2,542
Georgia.....	6,621,588	74,908,776	27,246,247	15,111,494	5,636,255	399	2,236	72
Florida.....	974,486	7,676,459	1,705,274	1,386,445	492,172	322	3,751	36
EAST SOUTH CENTRAL:								
Kentucky.....	9,055,813	125,566,917	38,130,687	30,446,381	7,117,905	56,148	45,759	4,843
Tennessee.....	8,715,441	117,101,970	39,827,906	29,091,696	7,392,901	18,592	26,622	2,168
Alabama.....	6,396,198	78,728,345	29,550,595	19,121,964	5,657,610	5,528	36,374	759
Mississippi.....	6,033,465	79,079,293	28,730,685	18,881,236	5,571,011	13,703	28,572	1,633
WEST SOUTH CENTRAL:								
Arkansas.....	6,587,428	83,081,875	29,907,337	21,585,258	5,883,384	20,435	18,385	3,027
Louisiana.....	2,761,380	32,702,130	6,232,006	4,918,229	1,430,059	190,089	135,104	18,063
Oklahoma.....	7,365,295	103,577,644	27,056,242	13,887,074	5,613,253	18,968	146,491	3,154
Texas.....	15,679,924	197,039,954	64,993,214	47,991,492	12,911,632	194,990	136,133	20,351
MOUNTAIN:								
Montana.....	2,093,594	16,982,145	2,820,574	2,454,072	811,792	49,988	30,924	8,195
Idaho.....	1,962,500	20,861,072	3,542,135	2,530,316	982,397	90,675	190,952	12,525
Wyoming.....	539,423	6,453,634	1,192,122	888,554	331,021	10,276	24,327	1,591
Colorado.....	4,174,270	33,631,723	5,836,132	4,932,482	1,565,224	69,895	108,184	10,045
New Mexico.....	726,692	6,815,942	1,477,617	1,177,617	313,003	81,809	68,571	13,515
Arizona.....	909,411	6,881,608	325,980	379,311	105,347	60,760	33,305	9,115
Utah.....	2,067,534	29,486,317	2,497,366	2,812,122	672,479	84,102	169,251	13,125
Nevada.....	518,179	4,356,555	403,885	569,523	121,649	10,245	94,052	1,781
PACIFIC:								
Washington.....	8,746,041	70,083,033	6,751,575	7,372,106	1,992,240	52,970	151,669	6,787
Oregon.....	6,067,024	56,106,599	5,667,964	8,107,450	1,599,931	169,205	467,256	23,151
California.....	20,443,977	154,901,956	15,301,871	20,833,360	4,083,992	2,777,873	4,249,588	383,494

1 Includes Indian Territory.

FACTORY PRODUCTION AND TOTAL PRODUCTION OF BUTTER AND CHEESE, BY DIVISIONS AND STATES.

Table 10 DIVISION OR STATE.	BUTTER AND CHEESE MADE IN FACTORIES.				BUTTER AND CHEESE MADE ON FARMS AND IN FACTORIES.			
	Butter (pounds).		Cheese (pounds).		Butter (pounds).		Cheese (pounds).	
	1909	1899	1909	1899	1909	1899	1909	1899
United States*.	824,784,853	420,128,546	311,128,317	281,972,324	1,619,415,263	1,491,782,602	320,532,181	298,341,642
GEOGRAPHIC DIVISIONS:								
New England.....	(1)	40,577,569	3,002,744	5,955,597	(1)	92,032,196	3,676,609	6,958,700
Middle Atlantic.....	77,150,290	79,156,526	116,429,935	137,753,475	165,392,518	233,986,350	118,339,484	141,259,571
East North Central.....	193,171,121	115,330,640	178,532,241	116,643,076	424,137,997	403,208,930	180,423,449	120,279,059
West North Central.....	243,551,926	156,406,307	(1)	11,982,985	444,724,204	407,632,767	(1)	13,667,004
South Atlantic.....	(1)	3,772,086	(1)	112,560	(1)	92,883,312	(1)	593,308
East South Central.....	(1)	(1)	(1)	(1)	(1)	(1)	93,971	(1)
West South Central.....	(1)	474,489	(1)	137,268	(1)	88,856,542	(1)	473,381
Mountain.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pacific.....	57,058,701	18,320,915	6,208,883	5,354,234	84,780,111	54,653,831	9,208,031	10,222,747
NEW ENGLAND:								
Maine.....	2,105,622	4,461,399	55,591	553,946	15,404,851	20,635,572	173,807	979,048
New Hampshire.....	1,740,235	5,034,270	184,497	116,741	6,805,423	11,419,881	365,493	221,680
Vermont.....	20,227,495	22,453,381	2,762,656	4,713,105	35,393,187	41,288,087	3,008,540	5,119,764
Massachusetts.....	1,888,307	4,591,919		250,542	5,252,823	9,572,181	45,753	270,171
Rhode Island.....	(1)	148,195			(1)	636,281		3,860
Connecticut.....	1,950,935	3,888,405		321,263	5,449,486	8,480,194	79,156	391,886
MIDDLE ATLANTIC:								
New York.....	45,897,216	40,693,846	105,194,898	127,386,032	69,358,013	115,408,222	165,584,947	130,010,584
New Jersey.....	768,857	1,325,519		100,000	4,391,268	7,219,882	77,824	124,377
Pennsylvania.....	30,484,217	37,137,161	11,234,037	10,267,443	91,642,332	111,358,246	12,676,713	11,124,610
EAST NORTH CENTRAL:								
Ohio.....	17,491,251	9,087,631	11,860,601	18,156,527	81,060,383	87,638,930	12,473,834	19,323,528
Indiana.....	11,712,450	3,553,433	424,597	1,200,168	54,804,267	54,395,879	488,216	1,438,991
Illinois.....	24,570,976	34,055,312	4,799,235	9,055,119	71,180,968	86,548,762	4,881,153	9,378,604
Michigan.....	35,511,760	7,820,712	13,382,160	10,422,582	85,917,186	67,872,710	13,673,336	10,753,758
Wisconsin.....	103,884,684	61,813,502	148,065,648	77,748,680	131,085,193	106,552,640	148,906,910	79,384,298
WEST NORTH CENTRAL:								
Minnesota.....	88,842,846	41,174,469	2,735,883	3,285,019	123,551,515	82,363,315	2,811,958	3,575,642
Iowa.....	88,582,187	77,233,264	999,959	4,242,637	127,261,755	139,022,552	1,078,097	4,549,065
Missouri.....	10,261,876	1,440,616	219,112	1,072,751	52,367,019	49,949,726	378,597	1,396,190
North Dakota.....	3,933,679	463,188	(1)	225,399	20,098,118	9,642,003	(1)	296,280
South Dakota.....	9,485,608	6,172,107		420,779	23,125,255	23,573,077	14,344	557,642
Nebraska.....	23,973,162	11,726,180	77,122	313,600	49,960,093	46,244,839	140,805	578,030
Kansas.....	18,712,568	18,196,483	(1)	2,422,710	48,360,449	59,837,255	(1)	2,714,155
SOUTH ATLANTIC:								
Delaware.....	627,300	969,889	(1)	15,000	2,190,461	2,599,838		15,104
Maryland.....	1,118,530	2,541,716			9,858,150	11,638,378	259,386	338,453
District of Columbia.....					6,155	3,478		
Virginia.....	158,853	170,521	(1)	57,000	26,510,097	20,076,351	(1)	88,697
West Virginia.....	(1)	41,000	(1)	49,860	(1)	16,954,129	(1)	115,103
North Carolina.....					26,059,585	16,913,802	39,353	23,883
South Carolina.....					12,329,567	8,150,437	12,969	1,081
Georgia.....	78,058	48,990			27,324,305	15,160,454	399	2,236
Florida.....					1,705,274	1,886,445	322	3,751
EAST SOUTH CENTRAL:								
Kentucky.....	549,929	184,663		28,000	38,680,616	30,631,044	56,148	73,759
Tennessee.....		207,823		6,201	39,827,906	29,299,519	18,592	32,823
Alabama.....	(1)	17,357		10,000	(1)	19,139,321	5,528	46,374
Mississippi.....		(1)		(1)	28,730,685		13,708	(1)
WEST SOUTH CENTRAL:								
Arkansas.....	360,834	168,575		12,600	30,268,171	21,753,833	20,435	30,985
Louisiana.....	(1)		(1)		(1)	4,918,229	(1)	135,104
Oklahoma.....	4,110,978	2,53,200		2,66,378	31,167,220	213,940,274	18,968	2,112,669
Texas.....	2,133,590	252,714	(1)	58,290	67,126,804	48,244,206	(1)	194,423
MOUNTAIN:								
Montana.....	1,307,777	34,238			4,128,351	2,488,310	49,988	50,924
Idaho.....	2,837,386	432,570	(1)	194,380	5,899,521	2,852,886	(1)	391,332
Wyoming.....	783,585	(1)	(1)		1,975,707	(1)	(1)	(1)
Colorado.....	6,351,691	1,566,639	550,622	1,465,257	12,207,823	6,499,121	620,517	1,568,441
New Mexico.....	(1)				(1)	313,003	81,869	68,571
Arizona.....	1,053,869	424,083	421,043	373,752	1,379,849	803,394	481,733	407,057
Utah.....	3,722,784	2,519,214	1,030,122	1,874,175	6,230,150	5,331,336	1,144,224	2,404,430
Nevada.....	1,039,784	623,402		80,150	1,443,669	1,192,925	10,245	174,232
PACIFIC:								
Washington.....	11,302,591	3,198,421	422,290	1,482,127	18,054,196	10,570,327	475,260	1,633,796
Oregon.....	8,472,660	1,975,357	4,218,963	1,165,564	14,140,624	10,082,807	4,388,153	1,662,820
California.....	37,283,450	13,147,137	1,567,640	2,676,543	52,585,321	34,000,497	4,345,513	6,926,131

* See footnote 2, Table 1 p. 344.

† Can not be shown separately, as to do so would disclose individual operations.

‡ Includes Idaho Territory.

WOOL AND MOHAIR.

Wool production in the United States as a whole: 1909 and 1899.—The reports of the enumerators at both the Twelfth and the Thirteenth Censuses were somewhat deficient with respect to wool production, and it has been deemed necessary to make estimates to cover this deficiency.¹ Table 11 shows for the United States as a whole the actual returns of the Thirteenth Census and the estimated totals for 1909 and 1899, respectively.

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces.	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	598,047	39,644,046			
Wool produced, as reported, 1909.....	458,311		35,336,830	241,882,318	\$34,964,020
* On farms reporting sheep April 15, 1910.....	423,580	31,636,132	33,849,587	232,357,186	52,708,693
On other farms.....	34,731		1,487,243	9,525,132	2,255,927
Total production of wool (partly estimated):			42,330,550	289,419,977	65,472,328
1909.....			43,999,229	276,567,584	45,670,053
Increase, 1899 to 1909 ¹			-1,678,649	12,852,393	19,802,275
Percent of increase ¹			-3.8	4.6	43.4

¹ A minus sign (-) denotes decrease.

According to the returns there were on April 15, 1910, 598,047 farms with sheep of shearing age, the number of such sheep being 39,644,000. Of these farms, however, there were only 423,580, with 31,636,000 sheep of shearing age, for which the enumerators reported the production of any wool in 1909. The number of fleeces reported for these farms was 33,850,000. The enumerators reported also the production of 1,487,000 fleeces

in 1909 on 34,731 farms with no sheep of shearing age April 15, 1910. The total number of fleeces reported was thus 35,337,000.

It is believed that a much closer approximation to the true total can be obtained by an estimate based on the assumption that the entire production of wool in 1909 bore the same relation to the entire number of sheep of shearing age on April 15, 1910, as the production of wool on those farms reporting both production and sheep bore to the number of sheep reported on such farms. On the basis of such an estimate, the total production of wool in 1909 was 42,321,000 fleeces. The production in 1899, also in part estimated at that time, was 43,999,000 fleeces, so that there was a decrease of 1,679,000 fleeces, or 3.8 per cent. Nevertheless, the estimated total weight increased from 276,568,000 pounds in 1899 to 289,420,000 in 1909, or 4.6 per cent, and the reported average weight per fleece increased from 6.3 pounds to 6.8 pounds.

The value of the wool clip increased from \$45,670,000 in 1899 to \$65,472,000 in 1909, or 43.4 per cent. The average value per pound rose from 17 to 23 cents, and the average value per fleece from \$1.04 to \$1.55.

Wool production, by divisions and states: 1909 and 1899.—Table 12 shows, by geographic divisions, the number of fleeces of wool actually reported and the estimated total number produced in 1909. Comparisons of the reported production and the estimated total production will show that in some geographic divisions the returns of the enumerators were much more nearly complete than in others.

DIVISION.	SHEEP OF SHEARING AGE APRIL 15, 1910		WOOL PRODUCED, AS REPORTED: 1909						Total production of wool, partly estimated (fleeces): 1909	
	Farms reporting.	Number of sheep.	Total.		On farms reporting sheep April 15, 1910.		On farms not reporting sheep April 15, 1910.			
			Farms reporting.	Fleeces.	Farms reporting.	Number of sheep of shearing age April 15, 1910.	Fleeces.	Farms reporting.		Fleeces.
United States.....	598,047	39,644,046	458,311	36,338,830	423,580	31,636,132	33,849,587	34,731	1,487,243	42,320,580
New England.....	19,838	306,443	16,535	15,078	295,362	274,889	277,399	1,527	20,833	320,549
Middle Atlantic.....	50,281	1,260,455	42,771	1,197,739	39,205	1,098,357	1,126,133	3,566	71,507	1,292,159
East North Central.....	218,693	6,534,854	178,768	6,110,086	166,425	5,512,231	5,726,750	12,343	383,336	6,780,541
West North Central.....	103,227	3,524,749	72,959	2,828,460	66,072	2,519,677	2,561,904	6,887	266,556	3,588,936
South Atlantic.....	74,765	1,552,698	58,787	1,335,639	54,895	1,276,037	1,274,292	3,541	61,347	1,560,105
East South Central.....	86,825	1,513,833	60,992	1,217,989	56,279	1,108,185	1,144,184	4,713	73,805	1,563,103
West South Central.....	18,742	1,662,445	11,062	1,854,732	10,290	1,282,979	1,781,254	772	73,478	2,293,100
Mountain.....	15,027	19,599,675	8,218	16,074,406	7,769	15,399,378	15,692,354	449	382,052	19,910,838
Pacific.....	11,589	3,778,894	8,239	4,419,426	7,606	3,209,799	4,265,317	633	154,109	5,010,961

Table 13, on the following page, shows, by divisions, the amounts and percentages of increase or

decrease in the estimated total wool production from 1899 to 1909.

¹ There are various reasons for this failure of the enumerators to report the entire wool production. In some cases enumerators reported the number of sheep and neglected to report the wool produced in 1909. In other cases, farmers who did not have sheep in 1910 did have some in 1909, and it can not be assumed that the wool produced by such sheep in 1909 was in all cases reported, for the enumerator, after ascertaining that the farmer had no sheep in 1910, might neglect the subsequent inquiry as to wool produced in 1909. The number of farms which reported the production of wool in 1909 but no sheep on hand on April 15, 1910, was less than one-fourth of the number which reported sheep in 1910 but no wool production in 1909. Again, particularly in the case of tenant

farms, the farmer who occupied a farm at the time of the enumeration might not have occupied the same farm the preceding year. In cases of this sort the new occupant of the farm would be fairly well able to estimate the production of crops, from the acreage of stubble, but would often hesitate to make an estimate for the wool.

In making the estimate of the total production of wool which is presented in the table no account was taken of the 1,487,000 fleeces reported as produced in 1909 on farms with no sheep of shearing age in 1910, for this figure represents the wool production of only a part of the sheep which the estimate is designed to cover. Estimates were made for the several states, and combined to make the totals for geographic divisions and the United States.

There was a decrease between 1899 and 1909 in the number of fleeces produced in each of the divisions except the West North Central and Mountain divisions. The percentage of decrease was greatest in the New England division and next greatest in the Middle Atlantic, while the absolute decrease in number of fleeces was greatest in the Middle Atlantic division. In the Mountain division, which produced nearly half of the total wool clip of 1909, the increase in that year as compared with 1899 was 4.4 per cent. The percentages of increase or decrease in the weight of wool produced differ considerably from those based on the number of fleeces. In every division except the New England and Middle Atlantic there was a considerable increase between 1899 and 1909 in the value of wool produced, the increase in average value per pound more than offsetting the decrease in the quantity produced in four of the divisions.

Table 13

DIVISION.	INCREASE: 1899 TO 1909					
	Fleeces.		Weight.		Value.	
	Number.	Per cent.	Pounds.	Per cent.	Amount.	Per cent.
United States.....	-1,678,649	-3.8	12,852,393	4.6	\$19,302,275	43.4
New England.....	-262,194	-45.0	-1,551,190	-43.6	-168,644	-22.7
Middle Atlantic.....	-776,851	-37.5	-5,032,373	-37.1	-308,667	-11.0
East North Central.....	-583,675	-7.9	-2,799,077	-5.4	3,633,530	33.8
West North Central.....	185,622	5.9	2,750,470	10.1	2,148,014	54.0
South Atlantic.....	-234,879	-13.1	-1,215,184	-15.4	355,325	22.2
East South Central.....	-89,831	-5.4	-412,891	-6.3	351,895	27.1
West South Central.....	-175,557	-7.1	208,018	1.9	769,388	45.2
Mountain.....	849,212	4.4	22,640,950	18.5	11,039,833	60.8
Pacific.....	-587,403	-10.5	-1,256,330	-3.4	2,020,571	42.8

¹ A minus sign (-) denotes decrease.

Table 14 shows for 1909 and 1899, in percentages, the distribution of the total number of fleeces produced among the geographic divisions, and also the average weight per fleece, the average value per fleece, and the average value per pound, in each division.

Table 14

DIVISION.	PER CENT DISTRIBUTION OF NUMBER OF FLEECES.		AVERAGE WEIGHT PER FLEECE.		AVERAGE VALUE PER FLEECE.		AVERAGE VALUE PER POUND.	
	1909	1899	1909	1899	1909	1899	1909	1899
	United States.....	100.0	100.0	6.8	6.3	\$1.55	\$1.04	\$0.226	$0.165
New England.....	0.8	1.3	6.3	6.1	1.79	1.28	0.286	0.209
Middle Atlantic.....	2.1	4.7	6.6	6.6	1.33	1.55	0.292	0.207
East North Central.....	16.0	16.7	7.2	7.0	2.11	1.45	0.293	0.207
West North Central.....	8.5	7.7	6.9	6.6	1.71	1.17	0.248	0.177
South Atlantic.....	3.7	4.1	4.3	4.4	1.25	0.89	0.293	0.203
East South Central.....	2.7	3.8	3.9	4.0	1.35	0.78	0.292	0.198
West South Central.....	5.4	5.6	5.0	4.5	1.07	0.68	0.215	0.151
Mountain.....	47.0	43.3	7.3	6.4	4.47	0.95	0.201	0.148
Pacific.....	11.8	12.7	7.2	6.7	1.35	0.84	0.187	0.127

The distribution of the number of fleeces naturally conforms approximately to the distribution of the number of sheep. In 1909 the Mountain division produced 47 per cent of the total estimated number of fleeces; the East North Central 16 per cent; and the Pacific 11.8 per cent. These three divisions together contributed substantially three-fourths of the total number.

The average weight of fleeces in 1909 was higher in the three geographic divisions just named than in any of the other divisions, and decidedly lower in the three

southern divisions than elsewhere. The extreme range was from 7.3 pounds per fleece in the Mountain division to 3.9 pounds in the East South Central. The average weight was greater in 1909 than in 1899 in six of the divisions; in the South Atlantic and East South Central divisions it was slightly lower; and in the Middle Atlantic there was no change.

The average value of wool per pound in 1909, as reported by the producers, was lowest (18.7 cents) in the Pacific division. The maximum value (29.3 cents) is shown for the East North Central and South Atlantic divisions. The average value per pound increased materially in each of the geographic divisions between 1899 and 1909. In 1909 the average value per fleece was lowest (\$1.05) in the East South Central division and highest (\$2.11) in the East North Central.

Table 15, which appears on the following page, shows that in 1909 the leading states in the production of wool were Wyoming, Montana, New Mexico, Ohio, California, Idaho, Oregon, and Texas in the order named, each of these states having reported more than 2,000,000 fleeces.

Mohair and goat hair: 1909 and 1899.—Table 15 shows also the reported number of fleeces, and the weight and value of mohair and goat hair produced in 1909 and 1899, respectively, by geographic divisions and states.

The reports for the production of mohair are presumably about as defective as those for wool. The agricultural schedules, however, on account of the minor importance of goats, did not distinguish them by age, and it is scarcely possible to approximate the total production of mohair from the number of goats and kids of all ages taken together. In many sections of the country the number of goats on farms is insignificant and a considerable proportion of those which are kept are not shorn for mohair; consequently the production of mohair in several of the geographic divisions is of little significance.

The total reported production of mohair in 1909 was 1,683,000 fleeces, or more than three and one-half times as many as were reported in 1899. The reported weight of the mohair was 3,779,000 pounds, and the value, \$902,000. It is noteworthy that the average value of mohair per pound was somewhat lower in 1909 than in 1899, so that, although the average weight per fleece increased slightly during the decade, the average value per fleece decreased.

More than three-fifths of the mohair reported in 1909 was produced in the West South Central division, and nearly all of the remainder in the Mountain and Pacific divisions. The number of fleeces produced in the West South Central division was over five times as great in 1909 as in 1899, and in the Mountain division over three times as great. Very high relative increases also appear in some of the divisions where the number of fleeces produced is still very small.

PRODUCTION OF WOOL AND MOHAIR, BY DIVISIONS AND STATES.

Table 15 DIVISION OR STATE.	SHEEP OF SHEARING AGE.		WOOL PRODUCED (PARTLY ESTIMATED).						MOHAIR PRODUCED.					
	April 15, 1910.	June 1, 1900.	Fleeces.		Weight (pounds).		Value.		Fleeces.		Weight (pounds).		Value.	
			1909	1899	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899
United States.	39,844,046	38,982,987	42,320,530	43,999,229	289,419,977	276,567,554	365,472,328	345,670,053	1,682,912	454,932	3,778,706	361,328	3901,597	\$267,564
GEOGRAPHIC DIVS.:														
New England.....	306,443	563,217	320,647	582,841	2,006,040	3,557,230	574,577	743,221	1,298	750	4,445	1,749	1,275	611
Middle Atlantic.....	1,260,465	1,970,362	1,292,189	2,069,040	8,520,644	13,553,019	2,492,257	2,800,924	2,668	413	8,797	1,103	2,834	307
East North Central.....	6,534,854	6,960,190	6,780,541	7,364,216	48,670,564	51,469,641	14,276,742	10,673,192	9,825	2,094	35,044	6,476	9,680	1,709
West North Central.....	3,524,749	3,155,531	3,588,936	3,403,407	24,709,945	22,439,475	6,127,159	3,979,145	38,173	19,230	116,067	51,619	26,806	15,518
South Atlantic.....	1,552,698	1,706,199	1,560,105	1,794,994	6,677,028	7,892,212	1,955,262	1,599,937	7,172	676	21,009	1,718	6,980	501
East South Central.....	1,513,833	1,489,730	1,563,103	1,652,934	6,123,485	6,536,376	1,648,579	1,296,684	5,223	1,002	13,241	2,747	3,685	815
West South Central.....	1,662,445	1,839,118	2,293,160	2,468,717	11,359,271	11,151,253	3,442,998	1,683,610	1,084,983	194,930	2,016,736	278,411	472,315	78,370
Mountain.....	19,509,675	17,934,275	19,910,938	19,064,726	145,311,085	122,670,135	29,211,379	18,171,536	284,754	81,297	738,226	175,955	184,305	48,818
Pacific.....	3,778,894	4,244,345	5,010,961	5,598,364	36,041,913	37,298,243	6,743,375	4,722,804	248,876	154,570	825,151	441,550	193,717	121,125
NEW ENGLAND:														
Maine.....	149,934	252,213	157,455	258,300	947,022	1,478,018	266,080	318,585	168	24	639	105	207	21
New Hampshire.....	31,201	65,318	32,996	67,438	209,518	409,465	57,460	84,103	180	10	629	44	191	13
Vermont.....	84,360	182,167	90,716	191,884	625,722	1,334,253	192,002	268,967	97	1	471	5	136	2
Massachusetts.....	22,699	33,869	21,667	35,067	127,897	195,876	33,670	40,291	536	529	1,695	1,120	509	396
Rhode Island.....	4,206	6,629	4,353	6,828	24,009	35,180	6,835	8,741	1	3	2	10	1	2
Connecticut.....	14,043	23,021	13,460	23,324	71,272	104,438	18,530	22,534	316	183	1,609	465	231	177
MIDDLE ATLANTIC:														
New York.....	606,119	984,516	616,247	1,038,428	4,235,707	6,674,105	1,163,846	1,387,969	1,598	134	5,412	383	1,742	155
New Jersey.....	16,795	26,363	16,140	28,353	94,726	146,628	22,482	31,266	53	.....	187	.....	56	.....
Pennsylvania.....	637,541	959,833	659,802	1,002,259	4,190,213	6,732,226	1,305,929	1,381,689	1,017	279	3,198	720	1,030	242
E. NORTH CENTRAL:														
Ohio.....	2,890,163	2,649,250	3,073,450	2,897,694	21,685,258	20,350,721	6,749,095	4,299,025	1,624	95	5,840	469	1,684	112
Indiana.....	812,427	1,010,648	784,432	1,052,753	5,360,044	6,891,601	1,532,914	1,491,743	1,421	276	4,422	867	1,194	282
Illinois.....	668,484	629,150	682,337	674,625	4,971,380	4,799,742	1,290,218	966,746	4,117	953	14,922	2,793	4,008	751
Michigan.....	1,545,241	1,635,930	1,595,959	1,734,228	11,965,405	12,202,844	3,428,320	2,454,399	1,559	497	5,677	1,833	1,712	419
Wisconsin.....	628,539	986,212	644,363	1,005,006	4,688,477	7,224,733	1,267,285	1,461,279	1,104	183	4,133	514	1,082	145
W. NORTH CENTRAL:														
Minnesota.....	452,071	359,328	453,553	376,000	3,259,282	2,612,737	816,866	490,305	1,952	360	6,929	556	1,967	180
Iowa.....	769,917	657,868	729,484	715,334	5,484,702	5,105,965	1,413,711	992,334	8,703	10,760	29,206	28,890	7,281	8,607
Missouri.....	1,116,189	663,703	1,138,502	679,442	7,343,222	4,145,137	1,947,060	823,871	24,061	3,801	66,684	10,203	14,338	2,798
North Dakota.....	241,392	451,437	261,985	469,831	1,676,833	3,030,478	381,722	503,744	118	329	470	1,220	133	448
South Dakota.....	501,041	507,338	529,088	520,219	3,598,246	3,246,945	847,012	535,652	399	660	1,338	1,603	390	653
Nebraska.....	240,116	335,950	310,762	410,975	2,177,355	2,788,839	464,183	426,344	629	1,096	2,425	5,801	602	1,725
Kansas.....	204,023	179,907	165,532	231,597	1,170,308	1,599,374	256,605	247,895	231	1,574	8,805	4,066	2,095	1,677
SOUTH ATLANTIC:														
Delaware.....	4,415	6,994	3,150	7,021	19,059	32,350	5,125	6,618	70	.....	210	.....	52	.....
Maryland.....	126,251	111,520	122,071	113,598	705,320	632,119	199,909	142,966	465	.....	1,570	.....	474	.....
District of Columbia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia.....	438,719	392,125	431,694	399,113	1,937,252	2,020,735	564,386	409,602	2,614	139	8,947	343	2,913	113
West Virginia.....	566,952	572,739	558,095	587,381	2,719,684	3,123,455	839,555	636,012	3,248	73	9,091	140	2,699	43
North Carolina.....	140,070	208,812	157,811	240,189	493,882	797,176	130,724	150,510	335	127	1,020	416	469	96
South Carolina.....	27,926	52,436	28,167	55,233	86,819	175,290	20,432	31,537	196	30	486	73	128	26
Georgia.....	153,250	258,894	165,448	282,628	427,943	777,189	117,871	155,811	198	299	520	726	177	215
Florida.....	95,115	102,709	93,669	109,821	287,069	333,898	77,260	66,881	46	8	165	20	68	8
E. SOUTH CENTRAL:														
Kentucky.....	778,154	716,158	793,537	755,172	3,448,848	3,617,497	974,347	737,352	2,967	168	7,702	534	2,083	163
Tennessee.....	470,337	307,804	495,979	346,715	1,854,172	1,395,296	466,459	263,651	1,342	572	3,428	1,456	1,653	428
Alabama.....	109,112	229,298	120,039	299,118	339,884	744,274	85,677	150,943	383	237	808	469	238	140
Mississippi.....	156,230	236,470	153,548	251,929	480,681	779,310	122,096	144,758	531	85	1,303	268	356	84
W. SOUTH CENTRAL:														
Arkansas.....	96,517	168,761	101,318	194,726	376,877	636,474	86,045	118,922	3,118	700	7,265	1,763	1,516	487
Louisiana.....	139,308	169,234	137,985	171,269	442,865	547,641	99,424	90,317	538	118	1,044	385	226	92
Oklahoma.....	48,896	1,61,183	46,492	1,64,187	281,750	1,329,136	55,187	145,249	3,774	1,532	10,503	1,453	2,354	1,313
Texas.....	1,377,724	1,439,940	2,007,365	2,038,535	10,257,779	9,628,027	2,202,342	1,428,122	1,077,463	193,530	1,997,924	2,483,810	468,219	77,748
MOUNTAIN:														
Montana.....	4,959,835	4,215,214	4,724,747	4,348,568	37,609,031	30,437,829	8,223,754	5,136,658	2,357	1,254	8,328	2,750	2,056	824
Idaho.....	2,110,330	1,965,467	2,250,570	2,183,100	16,377,265	15,474,447	3,345,037	2,210,790	2,835	3,473	16,412	11,688	4,384	3,959
Wyoming.....	4,836,565	3,327,185	5,115,789	3,390,571	42,827,866	27,758,309	8,912,698	4,036,227	2,729	2,427	14,238	8,100	3,668	2,412
Colorado.....	1,305,696	1,352,823	1,283,686	1,390,400	7,563,219	8,543,937	1,458,003	1,115,331	2,547	814	7,894	1,843	2,024	550
New Mexico.....	2,894,984	3,333,743	3,092,784	3,659,417	16,994,017	15,209,199	3,131,971	1,954,171	155,980	55,765	394,965	113,545	96,158	29,917
Arizona.....	916,600	668,448	918,690	791,361	5,503,800	3,352,337	983,761	426,318	103,226	13,874	246,032	27,030	63,120	7,326
Utah.....	1,670,890	2,563,134	1,663,074	2,676,763	12,102,229	17,050,977	2,093,827	2,596,638	13,040	187	44,708	409	11,240	128
Nevada.....	824,875	568,251	891,598	624,540	6,273,667	4,842,500	1,062,418	692,403	2,070	3,503	5,719	10,590	1,455	6,672
PACIFIC:														
Washington.....	285,264	558,022	322,444	576,555	3,135,348	5,268,088	536,708	618,975	5,154	1,335	10,120	4,000	4,660	1,097
Oregon.....	1,958,342	1,961,355	2,125,717	2,130,504	18,841,892	18,349,660	3,782,721	2,396,741	141,588	79,258	523,435	267,780	128,220	74,363

POULTRY AND EGGS.

United States as a whole: 1909 and 1899.—As in the case of wool, the reports of the enumerators as to the production of poultry and eggs in 1909 were somewhat incomplete, and it was deemed desirable to make estimates to cover this deficiency, particularly in order to make the data comparable with those for 1899, which included estimates. Table 16 shows the actual returns of the quantity and value of eggs and of poultry produced in 1909, with estimated totals for that year and for 1899. No estimates have been made regarding the sale of eggs and poultry in 1909, although this was done at the preceding census, and it is probable that the reported figures, which are also given in the table, are less than the true totals, although perhaps not so deficient as the reported production.

4,833,759, the number of fowls on such farms in 1910 being 273,256,000, or about 8 per cent less than the total. The number of eggs reported (including that on the small number of farms, about 50,000, which reported eggs produced in 1909 but no fowls on hand in 1910) was 1,457,386,000 dozens. These returns may somewhat understate the production of eggs even on the farms to which they relate, since farmers seldom keep accurate records of egg production and are apt to underestimate it, particularly by underestimating the home consumption; but there is no means of judging the extent of the deficiency due to this cause. An estimate may, however, be made for farms which reported no eggs produced in 1909, although they had fowls in 1910.¹ In this way a total of 1,591,311,000 dozens is obtained as the approximate production of eggs in the country in 1909. The production of 1899 (also partly estimated) was 1,293,662,000 dozens, the increase in 1909 as compared with 1899 being 23 per cent.

Table 16

	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowls on farms April 15, 1910.	5,585,032	295,880,190		
On farms reporting eggs produced in 1909.	4,833,759	273,255,924		
On other farms.	751,273	22,624,266		
Eggs produced, as reported, 1909.	4,883,507		1,457,385,772	\$281,157,980
Total production of eggs (partly estimated):			Dozens.	
1909.			1,591,311,371	306,688,960
1899.			1,293,662,433	144,240,541
Increase, 1899 to 1909.			297,648,938	162,448,419
Per cent of increase.			23.0	112.6
Eggs sold, as reported, 1909.	3,860,067		926,465,787	180,768,249
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.	4,761,774	270,540,564		
On other farms.	823,258	25,339,626		
Poultry raised, as reported, 1909.	4,832,496		445,650,124	185,390,856
Total poultry raised (partly estimated):			No. of fowls.	
1909.			488,468,354	202,506,272
1899.			336,830,152	136,830,152
Increase, 1899 to 1909.			151,638,202	65,676,120
Per cent of increase.			48.0	48.0
Fowls sold, as reported, 1909.	3,038,932		153,600,169	75,273,524

The value of eggs produced in 1909 (including estimates) was \$306,689,000, or considerably more than twice as much as that for 1899. The average value per dozen, as reported by the farmers, increased from \$0.111 to \$0.193.

About three-fourths of the farmers who reported the production of eggs in 1909 reported also that they sold eggs during that year. The number sold by them, as reported, was 926,466,000 dozens.

¹ The reasons for the incompleteness of the reports of poultry and eggs produced are similar to those in the case of wool, set forth in a preceding footnote. The method of estimate used for poultry and eggs is slightly different from that used in the case of wool, and theoretically somewhat less correct. Instead of calculating the total production by applying to the total number of fowls the ratio between (1) the number of fowls on hand April 15, 1910, on farms reporting also the production of fowls or eggs in 1909, and (2) the total reported production of fowls or eggs in 1909 on the same farms, it was calculated from the ratio between (1) the number of fowls on hand April 15, 1910, on farms reporting also the production of fowls or eggs in 1909, which includes a small production on farms not reporting fowls on hand in 1910. The quantity produced on farms of the latter class was so insignificant as not to justify the additional labor of a separate tabulation.

The total number of farms which reported fowls on hand April 15, 1910, was 5,585,032, and the number of fowls, 295,880,000. Of these farms, however, the enumerators reported the production of eggs for only

Table 17

DIVISION.	FOWLS ON HAND APRIL 15, 1910						EGGS PRODUCED, AS REPORTED: 1909		Total production of eggs, partly estimated (dozens): 1909		FOWLS RAISED, AS REPORTED: 1909		Total number of fowls raised, partly estimated: 1909
	Total.		On farms reporting eggs produced in 1909.		On farms reporting fowls raised in 1909.		Farms reporting.	Quantity (dozens).	Farms reporting.	Number.			
	Farms reporting.	Number.	Farms reporting.	Number.	Farms reporting.	Number.							
United States	5,585,032	295,880,190	4,833,759	273,255,924	4,761,774	270,540,564	4,883,507	1,457,385,772	1,591,311,371	4,832,496	445,650,124	488,468,354	
New England	150,643	7,078,636	135,310	6,629,735	127,114	6,439,950	142,165	51,457,518	55,078,175	135,278	10,143,637	11,139,439	
Middle Atlantic	428,445	26,304,625	390,783	24,546,744	379,783	24,124,144	396,012	152,222,031	161,921,598	356,012	33,089,001	36,313,031	
East North Central	1,045,736	71,941,882	959,187	63,126,004	941,528	67,634,687	966,240	370,885,845	392,304,118	950,627	96,463,941	102,408,192	
West North Central	1,007,771	88,684,488	885,546	82,504,127	874,560	82,201,207	891,590	413,838,948	446,336,192	882,408	114,871,311	123,853,667	
South Atlantic	971,788	27,858,363	843,964	25,771,773	840,235	25,512,240	850,796	125,634,154	136,073,767	854,310	64,779,063	70,792,154	
East South Central	897,145	26,918,569	769,182	24,583,558	760,641	24,291,225	769,832	117,141,105	129,133,681	771,055	55,402,522	61,199,857	
West South Central	808,267	31,501,899	645,347	27,476,494	637,835	27,089,614	651,667	136,797,148	165,857,865	647,003	50,796,202	59,068,127	
Mountain	126,986	5,708,606	92,715	4,626,338	88,163	4,492,690	94,781	25,518,888	35,504,102	91,165	6,912,613	8,799,190	
Pacific	148,283	10,183,722	118,725	8,991,151	112,205	8,655,407	120,363	60,790,277	69,401,873	114,627	12,592,432	14,808,717	

On the basis of similar estimates for farms with incomplete reports, the total number of fowls raised in 1909 (including those sold, killed, or on hand April 15, 1910) was 488,468,000 and their value \$202,506,000. The census of 1900 did not call for the number of fowls raised in 1899, but the value of fowls raised in that year (partly estimated) was \$136,830,000, the increase between 1899 and 1909 being 48 per cent. The number of fowls reported sold in 1909 was about one-third of the number raised.

Divisions and states: 1909 and 1899.—Table 17, on the preceding page, shows, by geographic divisions, the production of fowls and of eggs as reported for 1909, with estimates of the total production.

There is a decidedly greater difference in the Mountain, West South Central, and Pacific divisions than elsewhere between the reported production of eggs and fowls and the estimated total production.

Table 21 shows, by divisions and states, the total number and value of eggs produced and the total value of fowls raised (including estimates) in 1909 and 1899, respectively, and also the sales as reported.

The relative importance of the several geographic divisions in the production and sale of eggs and of fowls may be more conveniently judged by Table 18, which shows the percentages of the totals which were reported from each division.

Table 18

PER CENT OF UNITED STATES TOTALS.

DIVISION.	Eggs produced.								Fowls raised.				
	Quantity.				Value.				Quantity of eggs sold: 1909	Number: 1909	Value.		Number of fowls sold: 1909
	1909	1899	1909	1899	1909	1899	1909	1899			1909	1899	
	United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	3.5	3.9	4.9	6.2	4.6	2.3	3.6	3.7	3.4	3.4	3.4	3.4	
Middle Atlantic.....	10.2	10.9	12.2	13.6	11.9	7.4	10.6	11.4	19.7	19.7	19.7	19.7	
East North Central.....	24.7	27.0	24.5	26.1	27.7	21.0	23.7	26.5	25.1	25.1	25.1	25.1	
West North Central.....	28.0	28.4	25.3	25.4	29.8	25.4	25.8	24.5	23.8	23.8	23.8	23.8	
South Atlantic.....	8.6	8.1	8.7	8.1	7.4	14.5	12.1	11.4	13.5	13.5	13.5	13.5	
East South Central.....	8.1	8.1	7.3	7.1	6.8	12.5	9.4	10.2	20.0	20.0	20.0	20.0	
West South Central.....	10.4	9.1	8.6	7.1	6.5	12.1	8.7	7.9	8.3	8.3	8.3	8.3	
Mountain.....	2.2	1.4	2.8	2.1	1.5	1.8	2.2	1.4	1.4	1.4	1.4	1.4	
Pacific.....	4.4	3.1	5.7	4.4	4.5	3.0	3.8	3.0	3.8	3.8	3.8	3.8	

The distribution of the production of eggs and of poultry among the divisions naturally conforms more or less closely to the distribution of the number of fowls on hand. In 1909 the West North Central division produced 28 per cent of the eggs and 25.4 per cent of the fowls, the corresponding percentages for the East North Central division being 24.7 and 21, respectively. The West South Central division ranked third in the production of eggs, but the South Atlantic ranked third in the number of fowls raised.

In some of the divisions a considerably larger proportion of the eggs produced and of the fowls raised

are sold than in other divisions, so that certain differences appear between the percentages showing the distribution of sales and those showing the distribution of production.

Table 19 shows, by geographic divisions, the increase in the quantity and value of eggs produced, and in the value of fowls raised, between 1899 and 1909.

Table 19

INCREASE: 1899 TO 1909

DIVISION.	Eggs produced.						Fowls raised.	
	Quantity (dozens).		Per cent.		Value.		Value.	Per cent.
	1909	1899	1909	1899	1909	1899	1909	1899
United States.....	297,648,938	23.0	\$162,448,419	112.6	\$65,676,120	43.0		
New England.....	4,391,595	8.7	6,192,593	69.1	2,315,087	45.9		
Middle Atlantic.....	20,844,178	14.8	17,558,461	90.9	5,948,589	38.2		
East North Central.....	42,784,628	22.2	37,614,304	100.0	11,094,914	32.2		
West North Central.....	79,191,922	21.6	50,908,806	111.8	18,787,022	56.0		
South Atlantic.....	30,723,771	29.2	14,858,386	127.1	8,860,158	57.0		
East South Central.....	24,267,321	23.1	12,009,679	116.9	5,225,245	37.6		
West South Central.....	48,327,365	41.2	16,203,524	159.0	6,814,959	62.7		
Mountain.....	17,343,536	65.5	5,601,807	187.9	2,486,459	131.8		
Pacific.....	29,774,573	75.1	11,209,859	178.2	3,543,686	85.0		

The absolute increase, both in the quantity of eggs produced and in the value of fowls raised, was greatest in the West North Central division, but the percentages of increase were higher in some of the divisions of the South and the West.

Table 20 shows, by geographic divisions, the average value of eggs and of fowls produced and sold, respectively, in 1909 and of eggs produced in 1899.

Table 20

AVERAGE VALUE.

DIVISION.	Eggs per dozen.				Fowls.	
	Produced.		Sold: 1909	Raised: 1909	Sold: 1909	Sold: 1909
	1909	1899				
	United States.....	\$0.193	\$0.111	\$0.195	\$0.415	\$0.490
New England.....	0.273	0.177	0.278	0.601	0.709	
Middle Atlantic.....	0.252	0.139	0.232	0.593	0.642	
East North Central.....	0.192	0.108	0.192	0.468	0.522	
West North Central.....	0.174	0.100	0.173	0.423	0.490	
South Atlantic.....	0.195	0.111	0.197	0.345	0.403	
East South Central.....	0.173	0.098	0.172	0.313	0.373	
West South Central.....	0.159	0.087	0.161	0.299	0.345	
Mountain.....	0.242	0.164	0.245	0.497	0.561	
Pacific.....	0.252	0.159	0.253	0.521	0.560	

The average value of eggs produced in 1909, as reported by the farmers, ranged from 27.5 cents per dozen in the New England division to 15.9 cents in the West South Central. In most divisions the average value of eggs sold was reported at a slightly higher figure than that of eggs produced. In every division the average value of eggs produced was very much higher in 1909 than in 1899. The average value of all fowls raised in 1909 ranged from 66.1 cents each in the New England division to 29.9 cents in the West South Central, while the value of those sold ranged from 70.9 cents to 34.5 cents.

LIVE STOCK PRODUCTS.

355

PRODUCTION AND SALES OF EGGS AND POULTRY, BY DIVISIONS AND STATES.

Table 21 DIVISION OR STATE.	EGGS PRODUCED (PARTLY ESTIMATED).				FOWLS RAISED (PARTLY ESTIMATED).			EGGS SOLD, AS REPORTED.		FOWLS SOLD, AS REPORTED.	
	Quantity (dozens).		Value.		Number.		Value.	Quantity (dozens).	Value.	Number.	Value.
	1909	1899	1909	1899	1909	1909	1899	1909	1909	1909	1909
	1909	1899	1909	1899	1909	1909	1899	1909	1909	1909	1909
United States.....	1,591,311,371	1,293,662,433	\$366,688,960	\$144,240,541	488,468,354	\$202,506,272	\$136,830,152	152,465,787	\$180,768,249	153,800,169	\$75,273,524
GEOGRAPHIC DIVISIONS:											
New England.....	55,078,175	50,686,580	15,155,991	8,903,398	11,139,439	7,361,038	5,045,951	37,025,214	10,288,343	5,156,345	3,637,885
Middle Atlantic.....	161,921,598	141,077,420	37,507,552	19,649,691	36,313,031	21,527,077	15,578,488	110,069,444	25,491,087	16,392,968	10,529,042
East North Central.....	392,304,118	349,519,490	75,237,900	37,623,596	102,406,162	47,972,887	36,277,973	256,349,132	49,181,738	38,497,611	20,104,214
West North Central.....	446,336,192	367,144,220	77,493,327	36,584,521	123,853,667	52,337,180	33,550,148	275,973,530	47,835,052	36,611,202	17,957,269
South Atlantic.....	136,073,767	105,349,996	26,545,679	11,687,293	70,792,154	24,413,963	15,553,805	68,940,260	13,615,214	20,774,474	8,377,958
East South Central.....	129,133,681	104,866,360	22,283,364	10,273,685	61,199,837	19,128,878	13,903,633	62,699,552	10,808,834	15,338,379	5,717,349
West South Central.....	165,557,865	117,230,500	26,395,765	10,192,241	59,066,127	17,681,375	10,806,416	60,044,751	9,654,866	12,727,015	4,389,435
Mountain.....	35,504,102	18,160,567	8,582,548	2,980,741	8,799,190	4,373,143	1,886,693	13,654,153	3,341,009	5,215,484	1,243,964
Pacific.....	69,401,873	39,627,300	17,486,834	6,255,975	14,808,717	7,710,731	4,167,045	41,673,721	10,351,486	8,856,691	3,296,408
NEW ENGLAND:											
Maine.....	14,935,959	13,304,150	3,792,335	2,038,225	2,601,733	1,454,815	955,468	10,340,134	2,659,117	1,213,689	727,748
New Hampshire.....	7,499,470	7,005,180	2,043,338	1,213,703	1,394,654	879,014	610,696	4,948,014	1,373,432	623,092	411,441
Vermont.....	7,037,082	6,271,890	1,715,221	959,965	1,282,524	759,362	689,109	4,451,120	1,092,578	579,614	387,410
Massachusetts.....	14,145,240	12,928,630	4,280,445	2,571,341	3,212,339	2,411,078	1,407,681	9,614,504	2,914,755	1,596,472	1,287,829
Rhode Island.....	2,894,681	3,217,310	848,527	656,845	602,335	482,015	398,790	2,246,679	609,984	286,413	245,325
Connecticut.....	8,566,343	7,959,430	2,476,125	1,523,319	2,045,854	1,374,754	984,207	5,424,703	1,578,477	848,065	598,132
MIDDLE ATLANTIC:											
New York.....	72,349,034	62,096,690	17,101,732	8,630,062	13,980,792	8,403,162	6,161,429	48,074,481	11,394,511	5,806,367	3,766,603
New Jersey.....	14,842,859	11,942,550	3,903,005	1,938,304	4,847,288	3,846,029	2,265,816	9,578,886	2,535,668	2,540,200	2,130,591
Pennsylvania.....	74,729,705	67,038,150	16,502,815	9,060,725	17,484,951	9,277,856	7,151,243	52,446,077	11,560,908	8,046,401	4,631,848
EAST NORTH CENTRAL:											
Ohio.....	100,880,599	91,766,630	19,748,658	10,280,769	23,433,005	10,997,633	8,847,009	69,575,637	13,608,800	9,123,564	4,754,091
Indiana.....	80,755,437	70,782,200	15,287,205	7,441,944	23,067,814	10,726,337	8,172,993	53,899,416	10,213,390	8,127,981	4,323,074
Illinois.....	100,119,418	86,402,670	18,940,454	8,942,401	32,352,888	15,404,028	11,307,599	62,036,587	11,745,315	12,006,388	6,335,037
Michigan.....	59,595,851	54,318,410	11,734,799	6,104,462	12,877,537	6,191,440	4,551,945	38,568,386	7,547,202	5,289,794	2,746,226
Wisconsin.....	50,623,813	46,249,580	9,526,784	4,854,020	10,764,948	4,653,649	3,998,427	32,268,836	6,066,971	3,859,884	1,945,786
WEST NORTH CENTRAL:											
Minnesota.....	53,807,974	43,208,130	9,767,410	4,437,148	11,862,787	4,714,919	2,927,717	34,347,776	6,212,270	3,704,433	1,796,502
Iowa.....	109,760,487	99,021,920	19,235,600	10,016,707	29,900,147	13,914,985	9,491,819	70,833,349	12,387,353	10,388,967	5,207,079
Missouri.....	111,816,693	85,203,290	19,345,602	8,315,371	31,913,210	14,572,585	9,525,252	71,886,145	12,462,508	10,656,882	5,833,472
North Dakota.....	17,294,322	7,488,400	3,045,687	782,790	4,043,481	1,530,402	594,751	6,464,074	1,142,043	588,492	283,972
South Dakota.....	25,067,489	17,349,750	4,244,291	1,727,392	6,186,427	2,355,567	1,020,382	14,226,323	2,371,555	1,314,046	570,844
Nebraska.....	46,929,923	41,132,140	7,990,377	4,068,002	15,274,150	5,866,508	3,499,044	25,380,097	4,322,484	3,750,940	1,588,357
Kansas.....	81,659,304	73,190,590	13,804,360	7,237,111	24,583,465	9,382,214	6,491,183	52,833,166	8,946,839	6,207,442	2,677,043
SOUTH ATLANTIC:											
Delaware.....	4,448,482	3,571,870	968,970	488,401	1,562,370	838,533	596,391	3,346,683	729,305	623,200	355,215
Maryland.....	15,533,732	12,511,450	3,235,759	1,572,682	5,949,459	3,011,382	2,077,490	10,526,537	2,191,615	2,273,501	1,313,301
District of Columbia.....	51,945	42,580	15,277	6,492	15,614	9,102	5,480	16,660	5,709	5,152	2,341
Virginia.....	35,100,693	25,580,460	6,882,276	2,836,899	16,290,508	6,145,236	3,744,654	21,113,160	4,180,530	6,059,990	2,666,705
West Virginia.....	19,159,008	17,242,400	3,672,193	1,877,675	5,543,996	2,238,696	1,843,752	11,762,888	2,250,362	2,009,220	900,436
North Carolina.....	23,556,124	17,704,020	4,256,769	1,810,116	15,227,685	4,496,767	2,689,970	10,471,857	1,908,721	4,017,041	1,900,191
South Carolina.....	11,049,468	9,007,700	2,162,797	925,966	8,311,348	2,548,179	1,539,755	2,766,645	547,894	1,554,709	487,066
Georgia.....	20,793,359	15,505,330	3,971,760	1,615,538	14,930,716	4,119,870	2,481,610	6,135,393	1,177,450	2,904,115	848,104
Florida.....	6,380,956	4,214,186	1,379,878	553,524	2,461,358	1,006,138	574,703	2,866,437	623,628	727,546	314,599
EAST SOUTH CENTRAL:											
Kentucky.....	44,313,377	35,337,340	7,605,116	3,460,607	19,247,287	6,937,008	4,970,063	24,744,940	4,250,081	5,636,361	2,272,477
Tennessee.....	42,043,104	31,807,990	7,288,146	3,115,355	17,415,208	5,774,175	4,282,740	24,697,449	4,248,340	5,330,639	2,175,792
Alabama.....	22,234,713	18,778,996	3,762,445	1,825,978	12,467,486	3,168,417	1,665,603	13,303,303	2,676,890	5,715,539	1,753,390
Mississippi.....	20,542,487	18,942,070	3,657,657	1,871,705	12,069,856	3,249,224	2,387,484	5,691,560	1,007,110	2,294,489	653,541
WEST SOUTH CENTRAL:											
Arkansas.....	27,064,674	25,694,866	4,459,272	2,328,509	10,808,758	2,908,562	2,179,634	10,814,594	1,735,524	2,344,601	688,528
Louisiana.....	14,657,544	12,820,290	2,448,502	1,281,713	6,337,010	1,943,515	1,425,110	5,622,297	920,544	1,058,236	333,820
Oklahoma.....	46,000,600	20,674,540	7,544,445	1,909,832	16,264,003	5,388,133	1,950,304	18,860,825	3,131,023	3,562,200	1,324,940
Texas.....	77,845,047	58,040,810	11,943,546	4,672,187	25,656,356	7,481,165	5,311,362	24,747,035	3,867,795	5,761,978	2,042,147
MOUNTAIN:											
Montana.....	6,064,251	3,902,890	1,610,766	631,143	1,432,741	797,450	398,487	2,116,624	584,953	371,847	237,050
Idaho.....	6,492,270	2,879,590	1,548,431	645,504	1,632,272	800,700	282,468	2,370,346	573,998	370,776	208,134
Wyoming.....	2,091,716	937,570	501,386	163,517	519,109	260,538	79,488	542,643	133,157	106,375	59,825
Colorado.....	10,652,396	5,704,290	2,444,006	852,978	2,706,945	1,933,699	557,536	4,260,285	991,551	670,128	384,512
New Mexico.....	2,976,233	839,890	683,441	157,175	932,045	367,907	90,152	882,856	212,679	194,917	80,848
Arizona.....	1,744,081	819,507	530,746	163,274	392,286	223,640	114,584	820,377	250,488	134,098	65,277
Utah.....	4,672,866	3,387,340	999,959	424,628	971,917	412,359	202,503	2,315,120	499,988	298,015	140,798
Nevada.....	870,489	559,490	263,813	122,522	190,815	115,510	71,175	345,932	165,395	69,328	47,220
PACIFIC:											
Washington.....	16,472,575	7,473,790	4,311,291	1,289,225	3,722,257	1,873,608	848,291	8,572,408	2,302,128	1,250,839	693,092
Oregon.....	11,906,903	7,799,970	2,912,849	1,162,071	2,655,492	1,416,608	826,687	6,233,626	1,531,932	957,644	584,460
California.....	41,022,385	24,443,540	10,262,094	3,864,679	8,430,968	4,420,515	2,492,067	26,867,687	6,717,426	3,678,208	2,018,856

1 Includes Indian Territory.

HONEY AND WAX.

United States and states: 1909 and 1899.—Table 22 shows, for each division and state, the quantity of honey and of wax produced, respectively, and

their combined value, in 1909 and 1899. The figures are as reported by the enumerators, and probably somewhat understate the true production.

DIVISION OR STATE.	HONEY PRODUCED (POUNDS).		WAX PRODUCED (POUNDS).		VALUE OF HONEY AND WAX.		DIVISION OR STATE.	HONEY PRODUCED (POUNDS).		WAX PRODUCED (POUNDS).		VALUE OF HONEY AND WAX.	
	1909	1899	1909	1899	1909	1899		1909	1899	1909	1899	1909	1899
United States	54,814,890	61,099,290	904,867	1,763,595	\$5,992,083	\$6,658,611							
GEOGRAPHIC DIVS.:							W. NO. CENTRAL—						
New England.....	594,117	732,078	8,251	29,802	108,523	119,581	Continued:						
Middle Atlantic.....	5,184,165	6,122,949	66,393	153,017	675,363	681,566	Nebraska.....	527,868	866,200	3,336	16,090	73,398	105,676
E. North Central.....	7,778,545	11,399,724	132,732	221,220	972,834	1,315,385	Kansas.....	609,785	1,187,569	4,332	19,236	84,437	151,873
W. North Central.....	6,734,608	8,655,778	93,639	175,384	864,507	1,037,616	SOUTH ATLANTIC:						
South Atlantic.....	7,362,640	9,468,443	172,996	379,192	925,829	1,029,233	Delaware.....	62,777	101,410	2,756	1,960	8,235	10,536
E. South Central.....	4,477,759	8,065,170	111,369	343,900	550,143	861,123	Maryland.....	306,367	306,788	4,358	7,860	39,244	38,827
W. South Central.....	4,486,980	6,784,654	92,177	245,000	437,717	692,018	District of Col.....	3,657	530			477	55
Mountain.....	6,577,800	4,092,422	88,447	74,410	574,588	413,692	Virginia.....	1,344,300	1,708,526	23,883	60,110	173,927	185,886
Pacific.....	11,608,276	5,177,668	138,866	141,610	826,268	506,397	West Virginia.....	1,550,739	1,673,120	11,096	30,180	231,530	199,089
NEW ENGLAND:							North Carolina.....	1,890,127	2,477,900	76,490	135,920	230,586	263,730
Maine.....	112,051	200,080	2,260	6,570	20,686	34,461	South Carolina.....	653,119	872,590	12,440	37,500	78,936	92,727
New Hampshire.....	65,038	89,240	792	3,350	13,623	17,686	Georgia.....	1,584,662	1,630,745	23,434	73,732	101,888	169,823
Vermont.....	160,283	182,278	2,899	8,652	26,166	27,290	Florida.....	747,832	677,540	15,635	32,290	60,906	58,500
Massachusetts.....	96,802	109,650	1,019	6,256	19,176	18,412	E. SOUTH CENTRAL:						
Rhode Island.....	14,221	28,450	182	890	2,459	5,156	Kentucky.....	1,558,670	2,681,720	17,367	53,120	202,242	291,179
Connecticut.....	145,722	122,960	1,096	4,090	25,913	16,576	Tennessee.....	1,468,123	2,464,550	28,864	79,590	183,002	259,691
MIDDLE ATLANTIC:							Mississippi.....	559,012	1,048,490	15,155	49,170	64,862	113,021
New York.....	3,191,733	3,422,497	43,198	84,675	389,642	352,795	W. SOUTH CENTRAL:						
New Jersey.....	152,072	174,250	1,372	7,640	22,317	23,479	Arkansas.....	913,515	1,465,320	20,403	59,340	112,968	156,943
Pennsylvania.....	1,840,360	2,526,202	21,822	61,302	262,804	305,292	Louisiana.....	340,134	426,499	12,284	20,440	33,911	45,200
E. NORTH CENTRAL:							Oklahoma.....	140,234	1,172,640	1,088	5,590	24,066	121,348
Ohio.....	1,001,179	1,980,530	7,454	34,620	133,891	252,321	Texas.....	3,093,097	4,780,204	58,462	159,690	322,798	468,527
Indiana.....	687,097	1,681,554	15,115	27,780	105,715	219,110	MOUNTAIN:						
Illinois.....	1,428,440	2,961,080	26,240	75,290	280,763	345,290	Montana.....	163,510	19,940	394	130	21,935	3,705
Michigan.....	2,507,810	2,069,460	28,524	38,800	206,742	230,012	Idaho.....	1,011,068	379,450	8,018	6,550	88,382	42,725
Wisconsin.....	2,153,819	2,677,100	55,402	44,670	235,723	270,742	Wyoming.....	138,924	19,220	1,563	340	16,725	2,676
W. NORTH CENTRAL:							Colorado.....	2,306,492	1,732,639	33,482	24,930	234,334	171,740
Minnesota.....	976,202	986,446	16,880	29,620	124,617	118,884	New Mexico.....	439,528	194,993	5,345	2,290	39,689	13,836
Iowa.....	2,374,090	2,539,784	44,269	49,314	285,420	305,183	Arizona.....	1,625,282	990,430	10,612	13,060	57,203	67,489
Missouri.....	2,105,815	3,018,929	23,784	69,258	274,174	348,604	Utah.....	1,138,001	1,922,116	15,067	23,740	79,763	94,864
North Dakota.....	11,084	7,530	92	90	1,869	1,149	Nevada.....	334,905	178,460	7,766	3,380	37,002	17,156
South Dakota.....	139,714	49,320	943	770	20,443	6,247	PACIFIC:						
							Washington.....	503,580	590,790	4,038	9,540	66,391	65,211
							Oregon.....	839,981	979,140	8,382	16,740	94,510	109,247
							California.....	10,264,715	3,667,738	126,345	115,330	665,367	331,939

* Includes Indian Territory.

The total production of honey in the United States in 1909 was reported as 54,815,000 pounds, a decrease of 10.3 per cent as compared with 1899. Wax, which is a relatively unimportant product, showed a much greater decrease. The combined value of honey and wax in 1909 was \$5,992,000, or 10 per cent less than in 1899.

The geographic distribution of the production of honey naturally corresponds quite closely to that of the colonies of bees. The business of raising honey is very generally distributed throughout the country. There was a decrease in the production of honey between 1899 and 1909 in each of the geographic divisions except the Mountain and the Pacific.

DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS.

United States as a whole.—Table 23 shows, for the United States as a whole, the number and value of

each class of domestic animals sold or slaughtered on farms during 1909.

	DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS IN 1909.									
	All classes.	Cattle (exclusive of calves).	Calves.	Horses.	Mules.	Asses and burros.	Swine.	Sheep.	Goats.	
Total sold or slaughtered:										
Number.....		21,981,637	7,874,348	1,768,342	716,862	17,734	52,878,675	19,520,982	526,552	
Value..... dollars.....	1,833,175,487	689,375,710	59,775,179	210,264,479	94,359,550	1,833,161	691,611,885	84,774,271	1,181,312	
Average value..... dollars.....		31.36	7.59	118.90	131.63	103.37	13.08	4.34	2.24	
Sold:										
Number.....		20,572,997	6,742,748	1,768,342	716,862	17,734	37,500,158	18,991,456	407,563	
Value..... dollars.....	1,562,936,694	657,686,916	52,328,181	210,264,479	94,359,550	1,833,161	463,011,115	82,506,542	946,810	
Average value..... dollars.....		31.97	7.76	118.90	131.63	103.37	12.35	4.34	2.32	
Slaughtered:										
Number.....		1,408,640	1,131,600				15,378,517	529,526	118,989	
Value..... dollars.....	270,238,793	31,688,794	7,446,968				228,600,770	2,267,729	234,502	
Average value..... dollars.....		22.50	6.58				14.86	4.28	1.97	

The value of all domestic animals sold during 1909 was \$1,562,937,000, and that of animals slaughtered on the farm \$270,239,000, making a total of \$1,833,175,000. To the total value of animals sold, cattle (including calves) contributed \$710,015,000, or 45.4 per cent; horses, mules, and asses and burros together

\$306,457,000, or 19.6 per cent; swine \$463,011,000, or 29.6 per cent; and sheep and goats \$83,453,000, or 5.3 per cent. The number of cattle and sheep slaughtered on farms was equal to but a very small fraction of the number sold, but the number of swine slaughtered was more than two-fifths as great as the number sold.

The value of domestic animals sold as reported for 1909 (\$1,562,937,000) is not at all comparable with the value of animals sold as reported at the Twelfth Census (\$722,614,000), for the reason that the inquiry at the Thirteenth Census related to all animals sold from the farm, while that at the Twelfth Census related only to the sale of animals which had been raised on the farm reporting.

A very considerable number of the animals sold during any given year are animals previously purchased by the farmers, often during the same year. The practice of buying cattle, swine, and sheep to fatten for market is very common among farmers in some sections. Consequently the gross sales of domestic animals include much duplication. On the other hand, if the sales of animals not raised on the farm reporting are excluded, the additional value (often very great) which such animals may acquire between the time of purchase and the time of sale is omitted from the statistics. Finally, it should be noted that the value of animals sold or slaughtered, no matter how determined, by no means represents the true product of the stock raising industry. An animal, such as a horse or a cow, for example, which is raised by a farmer and retained indefinitely for draft or dairy purposes is just as much a product of agriculture as one sold or slaughtered; this is true, in fact, even though such animal merely replaces another which dies of age or disease.

Divisions and states.—Table 24 shows, by geographic divisions, the combined value of all domestic animals sold or slaughtered on farms in 1909.

Table 24

DIVISION.	VALUE OF ALL DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS IN 1909.			PER CENT OF TOTAL VALUE OF ANIMALS.		
	Total.	Sold.	Slughtered.	Sold or slughtered.	Sold.	Slughtered.
United States	\$1,833,175,487	\$1,562,936,694	\$270,238,793	100.0	100.0	100.0
New England.....	30,416,780	24,287,381	6,129,399	1.7	1.6	2.3
Middle Atlantic.....	89,553,068	62,659,683	27,203,385	4.9	4.0	10.1
E. North Central.....	422,925,855	366,849,902	56,075,953	23.1	23.5	20.8
W. North Central.....	715,336,435	664,809,849	50,526,586	39.0	42.5	18.7
South Atlantic.....	102,508,692	56,917,658	45,591,034	5.6	3.5	16.9
E. South Central.....	123,996,103	91,732,197	32,263,906	7.1	5.8	14.1
W. South Central.....	181,003,205	149,019,333	31,983,872	9.9	9.9	11.8
Mountain.....	100,115,107	93,035,933	7,079,154	5.5	6.0	2.6
Pacific.....	61,310,240	53,874,678	7,435,562	3.3	3.4	2.8

Of the total value of animals sold or slaughtered on farms, the West North Central division reported 39 per cent, the East North Central 23.1 per cent, and the West South Central 9.9 per cent, these three divisions together reporting nearly three-fourths of the total. With respect to the value of domestic animals slaughtered on farms, the East North Central division ranked first, followed by the West North Central and the South Atlantic.

Table 25 shows, by geographic divisions, the number and value of each separate class of domestic animals sold or slaughtered on farms during 1909.

Table 25

DIVISION.	CATTLE (EXCLUDING CALVES).		CALVES.		Horses sold.	Mules sold.	Asses and burros sold.	SWINE.		SHEEP.		GOATS.	
	Sold.	Slughtered.	Sold.	Slughtered.				Sold.	Slughtered.	Sold.	Slughtered.	Sold.	Slughtered.
NEW ENGLAND:													
Number.....	454,193	75,679	437,321	101,698	33,594	276	11	325,828	177,154	161,594	41,719	1,048	137
Value.....dollars.	14,063,746	1,778,913	2,538,235	517,424	4,557,190	47,842	234	2,555,918	3,647,138	723,623	153,313	4,593	611
Average value.....dollars.	32.39	23.51	5.85	5.09	134.45	173.34	21.27	7.83	20.59	3.99	4.44	4.38	3.89
MIDDLE ATLANTIC:													
Number.....	850,906	160,473	1,397,252	295,923	103,705	6,515	198	1,075,690	1,135,912	733,204	80,724	1,965	274
Value.....dollars.	28,433,677	4,354,379	9,847,792	1,706,458	12,714,225	938,953	7,310	7,060,488	20,698,021	3,847,996	443,342	9,242	1,155
Average value.....dollars.	33.42	27.13	7.05	5.77	122.60	144.12	36.92	6.56	18.22	4.67	5.49	4.70	4.22
EAST NORTH CENTRAL:													
Number.....	2,758,939	214,287	1,965,546	299,053	476,628	39,665	2,668	11,464,960	2,944,811	3,944,079	57,686	13,439	739
Value.....dollars.	167,683,696	5,637,161	14,637,243	1,999,796	64,359,469	11,477,435	170,814	148,970,626	48,101,673	19,338,167	277,929	48,402	2,385
Average value.....dollars.	58.61	26.31	7.45	6.91	135.37	128.00	64.02	12.99	16.35	4.90	4.82	3.60	3.24
WEST NORTH CENTRAL:													
Number.....	7,334,405	317,527	1,137,087	145,954	636,502	251,347	5,925	17,179,803	2,664,174	2,694,142	45,612	47,525	2,297
Value.....dollars.	283,647,784	7,466,246	10,947,101	1,035,764	79,254,856	35,086,146	846,274	241,711,567	41,796,756	13,182,973	221,074	133,146	6,746
Average value.....dollars.	38.67	23.51	9.63	7.10	124.52	139.59	142.83	14.07	15.69	4.89	4.85	2.78	2.94
SOUTH ATLANTIC:													
Number.....	1,030,151	158,644	398,695	57,909	85,519	42,659	632	1,104,162	3,201,206	995,135	36,701	16,007	1,034
Value.....dollars.	29,366,065	2,880,386	3,636,567	370,705	9,370,128	5,652,701	39,692	5,132,246	42,172,962	4,837,828	151,433	32,431	15,548
Average value.....dollars.	28.51	18.16	7.62	6.40	108.40	132.51	62.80	4.65	13.17	4.41	4.13	2.03	1.53
EAST SOUTH CENTRAL:													
Number.....	1,527,234	129,846	318,428	37,723	98,074	160,392	2,313	2,454,112	2,556,039	1,157,673	34,226	29,825	18,629
Value.....dollars.	32,728,694	1,967,530	2,283,029	175,417	10,013,375	21,238,297	394,504	19,979,567	35,966,106	5,072,379	133,959	52,322	30,092
Average value.....dollars.	21.43	14.69	7.17	6.33	102.10	132.54	170.56	8.14	14.67	4.38	3.91	1.75	1.66
WEST SOUTH CENTRAL:													
Number.....	3,993,760	151,371	747,637	39,226	155,430	146,540	4,636	2,772,498	2,213,943	506,421	29,193	170,084	37,331
Value.....dollars.	83,712,953	2,406,722	6,304,162	300,883	13,149,941	17,554,241	292,650	25,930,428	29,147,983	1,838,093	61,340	368,775	67,494
Average value.....dollars.	20.96	15.90	8.51	7.67	84.55	119.53	63.13	9.35	13.17	3.28	3.04	2.17	1.78
MOUNTAIN:													
Number.....	1,720,298	115,113	132,240	38,572	110,040	7,327	1,028	392,900	208,106	6,737,685	153,572	77,529	39,333
Value.....dollars.	50,144,682	3,078,040	1,384,458	371,991	9,102,421	778,709	40,972	4,106,278	2,982,710	27,268,628	552,070	179,805	83,137
Average value.....dollars.	29.15	26.74	10.39	9.64	82.72	106.28	39.86	10.45	14.38	4.02	3.60	2.31	2.11
PACIFIC:													
Number.....	593,021	55,698	208,231	135,532	116,841	11,841	323	700,365	1,991,613	59,881	49,549	9,545	2,614
Value.....dollars.	27,902,619	2,178,815	1,493,634	971,530	7,690,294	1,565,166	40,651	7,567,967	4,018,011	7,490,233	240,669	118,994	26,578
Average value.....dollars.	31.25	25.42	7.17	7.17	112.19	132.18	125.85	10.36	14.47	3.76	4.07	2.35	2.18

In every geographic division except the East North Central the value of cattle and calves sold in 1909 exceeded that of any other class of animals, but in the East North Central division the value of swine sold was greater than that of cattle and calves.

Marked differences appear among the geographic divisions with respect to the ratio between the number of animals—particularly swine—sold and the number slaughtered on the farm. In the leading hog raising sections, the East and West North Central divisions, the number sold in 1909 was several times greater than the number slaughtered on the farm, but

in the Middle Atlantic, South Atlantic, and East South Central divisions the number sold was less than the number slaughtered.

It should be noted that the wide variations in average value for asses and burros sold are due to the fact

that in some sections the sales include many high-priced breeding jacks, while in others they represent chiefly pack burros.

Table 26 presents data regarding animals sold or slaughtered on farms in individual states.

NUMBER AND VALUE OF DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS, BY STATES: 1909.

Table 26	VALUE OF ALL DOMESTIC ANIMALS.		NUMBER, BY CLASSES.													
	STATE.	Sold.	Slaughtered.	Cattle (excluding calves).		Calves.		Horses sold.	Mules sold.	Asses and burros sold.	Swine.		Sheep.		Goats.	
				Sold.	Slaughtered.	Sold.	Slaughtered.				Sold.	Slaughtered.	Sold.	Slaughtered.	Sold.	Slaughtered.
United States	\$1,562,936,694	\$270,238,793	20,572,997	1,408,640	6,742,748	1,131,600	1,768,342	718,862	17,734	37,500,158	15,378,517	18,991,456	329,526	407,563	118,989	
NEW ENGLAND:																
Maine.....	6,531,033	1,888,888	83,932	13,755	98,577	27,396	12,003	44	6	88,167	47,319	89,522	23,277	313	40	
New Hampshire.....	3,482,591	8,437,159	54,904	9,116	64,347	10,650	4,966	58		43,008	22,563	14,340	5,987	215	6	
Vermont.....	5,900,350	1,408,945	145,955	18,832	102,781	41,375	7,158	55		93,720	50,780	64,044	6,609	179	86	
Massachusetts.....	5,014,442	1,006,088	81,661	13,521	95,486	14,187	5,963	16		61,930	27,754	6,558	2,412	275	19	
Rhode Island.....	580,949	165,634	11,177	6,699	9,653	1,175	579	8	1	7,725	3,674	1,153	749	7		
Connecticut.....	2,687,816	753,285	56,564	8,756	66,477	6,915	3,225	95	2	29,278	25,058	5,887	2,685	59	6	
MIDDLE ATLANTIC:																
New York.....	29,333,508	9,927,603	451,265	68,793	814,704	212,962	39,552	377	77	407,915	386,264	403,307	51,277	1,085	111	
New Jersey.....	3,433,924	1,562,926	30,954	3,175	112,885	14,025	4,921	245	1	88,639	73,709	9,356	1,229	82	19	
Pennsylvania.....	29,592,251	15,712,856	368,687	88,505	409,663	68,936	59,232	5,893	120	579,136	675,939	320,541	28,218	798	144	
E. NORTH CENTRAL:																
Ohio.....	74,632,856	14,964,130	558,420	54,040	362,046	31,180	104,500	3,864	320	2,317,507	768,195	1,287,373	16,754	3,838	89	
Indiana.....	81,437,250	11,458,882	463,825	27,122	251,470	21,731	110,115	32,577	242	3,030,547	646,581	584,778	3,714	1,685	187	
Illinois.....	132,622,547	14,438,127	1,029,835	38,466	410,590	81,079	105,925	52,426	2,028	3,745,309	762,545	534,030	4,284	4,232	199	
Michigan.....	35,915,379	7,652,048	319,063	43,619	293,523	61,896	52,432	484	50	981,880	381,247	1,140,614	17,818	2,410	117	
Wisconsin.....	42,241,870	7,562,766	417,796	51,040	647,915	93,167	43,566	314	28	1,389,717	386,243	397,284	15,116	1,274	147	
W. NORTH CENTRAL:																
Minnesota.....	34,121,517	6,942,498	442,034	79,226	176,970	80,493	45,790	687	341	1,038,711	314,597	242,613	16,231	815	161	
Iowa.....	208,069,001	10,147,302	2,130,255	73,454	256,071	18,235	181,556	15,612	96	5,524,519	507,167	594,869	6,180	15,775	213	
Missouri.....	143,967,066	12,272,156	1,300,755	31,659	254,702	8,779	124,585	150,436	3,316	4,425,428	949,818	883,160	7,461	24,500	1,553	
North Dakota.....	11,469,158	3,047,590	159,392	32,570	22,263	14,419	36,983	636	78	115,414	136,227	75,453	4,342	121	21	
South Dakota.....	35,722,056	2,637,084	519,607	28,475	48,862	7,034	50,858	1,511	332	721,838	117,781	227,837	7,246	1,067	68	
Nebraska.....	100,784,287	5,293,468	1,221,743	42,083	96,821	5,458	91,218	17,541	1,006	2,495,969	261,515	395,872	1,753	2,059	59	
Kansas.....	130,736,764	7,186,488	1,569,620	30,660	281,398	11,536	105,512	64,924	756	2,857,924	377,566	274,332	2,399	3,488	217	
SOUTH ATLANTIC:																
Delaware.....	768,034	570,575	7,070	551	19,232	414	1,453	307	5	20,979	27,588	1,301	87	15	2	
Maryland.....	5,399,896	3,069,871	56,863	5,870	92,359	2,110	10,549	1,882	64	143,415	180,406	76,827	2,932	319	13	
Dist. of Columbia.....	16,519	7,937	344	8	416	28	9	8		17	383					
Virginia.....	20,124,957	8,857,649	314,925	20,058	119,002	5,086	31,878	7,021	115	293,489	537,797	410,025	9,185	1,994	168	
West Virginia.....	14,159,182	4,296,936	257,733	18,753	58,815	5,108	19,456	2,290	193	121,650	206,701	410,133	8,269	819	74	
North Carolina.....	7,209,306	11,317,680	163,015	36,132	52,137	14,602	12,236	10,885	151	246,796	783,247	75,437	9,763	2,876	2,261	
South Carolina.....	2,430,169	4,360,448	57,301	17,657	14,541	6,669	2,818	4,346	64	80,633	309,922	3,894	1,409	1,916	1,304	
Georgia.....	5,459,350	10,410,370	112,127	37,605	39,507	22,323	5,453	15,028	38	136,651	860,409	14,602	3,552	4,782	4,054	
Florida.....	1,350,243	2,699,568	60,773	22,012	2,537	1,569	1,667	892	2	60,528	294,753	2,916	1,484	3,286	2,258	
E. SOUTH CENTRAL:																
Kentucky.....	43,080,628	11,632,749	533,429	19,011	140,896	4,546	43,301	60,392	596	1,160,301	733,642	671,321	10,650	6,915	1,894	
Tennessee.....	37,637,861	12,209,506	550,891	33,483	114,620	9,548	39,011	78,170	1,535	1,082,134	742,123	456,484	13,490	9,988	4,563	
Alabama.....	5,543,718	7,606,346	198,226	42,946	30,694	7,872	7,787	12,661	88	123,078	581,615	18,539	5,251	8,022	3,885	
Mississippi.....	5,519,960	6,745,307	252,778	34,406	32,218	5,757	7,975	9,169	94	88,599	498,659	11,329	4,845	4,900	3,787	
W. SOUTH CENTRAL:																
Arkansas.....	12,914,397	7,499,195	379,676	38,088	86,235	8,379	22,073	25,443	530	376,466	616,350	49,356	5,705	8,675	5,499	
Louisiana.....	2,933,052	2,847,114	139,319	26,209	15,400	2,667	4,109	3,229	12	61,794	287,447	13,864	3,963	3,636	2,174	
Oklahoma.....	54,524,144	6,575,550	939,546	23,043	132,870	5,745	59,751	47,193	1,062	1,591,469	424,436	41,768	1,129	5,049	1,825	
Texas.....	78,647,800	15,151,963	2,535,219	64,031	112,442	22,445	69,497	70,975	3,032	742,769	886,260	401,433	9,396	152,724	28,423	
MOUNTAIN:																
Montana.....	20,346,948	1,262,151	272,996	19,755	18,389	8,748	31,037	950	6	37,471	33,143	1,543,032	13,785	1,159	52	
Idaho.....	11,791,655	1,074,045	145,948	12,216	19,098	4,789	13,484	495	15	150,230	47,437	1,021,847	8,494	701	88	
Wyoming.....	13,573,935	6,600,745	198,970	9,810	13,716	1,948	12,711	295	5	10,740	13,064	1,276,011	20,832	89	24	
Colorado.....	22,453,959	1,754,216	437,215	26,818	33,934	11,557	23,821	2,697	403	124,667	52,081	977,460	19,945	5,641	3,740	
New Mexico.....	10,099,489	842,396	306,347	16,316	16,169	3,658	11,208	2,038	379	20,280	21,929	1,009,504	58,839	48,398	26,037	
Arizona.....	4,531,545	315,552	146,852	10,773	7,525	1,144	4,357	216	69	9,780	3,299	205,496	8,125	17,765	6,634	
Utah.....	5,899,382	756,852	110,780	8,208	20,754	5,312	7,069	382	79	30,072	31,210	425,689	16,579	4,068	2,788	
Nevada.....	4,339,040	423,194	101,199	11,217	2,655	1,416	6,333	254	72	9,660	5,943	328,046	6,973		10	
PACIFIC:																
Washington.....	7,771,950	2,477,396	94,368	25,087	30,291	44,238	18,106	1,240	86	121,886	92,600	177,166	7,380	966	686	
Oregon.....	14,972,615	2,461,159	249,733	24,292	30,473	40,756	21,455	1,685	71	129,641	102,755	998,484	15,786	28,832	4,858	
California.....	31,130,113	4,297,003	548,920	36,319	147,467	50,528	28,989	8,916	166	478,678	82,270	815,960	35,915	19,751	4,001	

CHAPTER 13.

FARM CROPS—ACREAGE, PRODUCTION, AND VALUE.

(WITH STATISTICS OF PURCHASE AND SALE OF CROPS SUITABLE FOR FEEDING ANIMALS, AND OF FARM EXPENDITURES FOR LABOR AND FERTILIZERS.)

Introduction.—This chapter presents in condensed form the main results of the Thirteenth Census of the United States with reference to the production of crops in 1909. It also contains statistics relating to the purchase and sale of crops suitable for feeding animals and to farm expenditures for labor and fertilizers. Statistics pertaining to Alaska, Hawaii, Porto Rico, and other outlying possessions are not included in the tables.

The tables give figures for each crop by states, though in the case of less important crops states are not named where the production is insignificant. All of the data published in this chapter regarding any particular state can also be found in the supplement for that state, where additional detail concerning the acreage and production of the principal crops by counties is also published.

The tables in general state the acreage, production, and value of each crop, by states, for the census years 1909 and 1899. In the case of orchard and tropical fruits, grapes, and nuts, the census inquiry was as to

the number of trees or vines rather than the acreage. For certain seeds and for straw and cornstalks, acreage was not tabulated because it would largely duplicate the acreage of primary crops. Forest products and maple sugar and sirup are mainly derived from unimproved land and statistics of acreage, even if they could be obtained accurately, would have little significance.

In any comparison of the crop of one year with that of another, acreage, where reported, forms a more accurate index than either the amount or the value of the crop. The crop yield is subject to variations from year to year, according to the prevalence of adverse or favorable weather conditions, while aggregate values reflect changes in the price per unit as well as in the amount of the crop. On the other hand, in the comparison of one crop with another the respective acreages do not indicate the relative importance so accurately as do aggregate values, since the value of the yield per acre for one crop may be much greater than for another.

CROPS IN GENERAL.

UNITED STATES AS A WHOLE.

Acreage and value of all crops: 1909 and 1899.—The principal results of the census of agriculture which relate to crops for 1909 and for 1899 for the United States as a whole are given in Table 1, on the following page.

The total value of all the crops of the United States in 1909 was \$5,487,000,000, as compared with \$2,999,000,000 in 1899. The increase in the later year as compared with the earlier was therefore \$2,488,000,000, or 83 per cent.

The value of the crops for which reports of acreage were secured amounted in 1909 to \$5,074,000,000, or about nine-tenths of the value of all crops. The total acreage of crops with acreage reports in 1909 was 311,293,382. In April, 1910, the land in farms in the United States, according to the census returns, amounted to 878,798,325 acres, of which 478,451,750 acres were improved. The crops with acreage reports, therefore, occupied 35.4 per cent of the total land in farms and 65.1 per cent of the total improved land. If the acreage of fruit and nut crops grown on improved land were added, the proportion of improved land occupied by all crops would probably be between 66 and 67 per cent. The crops with acreage reports

in 1899 occupied 283,218,280 acres, or 68.3 per cent of the improved land reported at the census of 1900. The area devoted to these crops increased by 9.9 per cent between 1899 and 1909, while improved land in farms increased by 15.4 per cent in the same period. The improved land not occupied by the crops specified includes land in improved pastures, land occupied by orchards, for which acreage was not reported, land lying fallow, and land in house yards and barnyards. It is possible that, because of the difficulty in discriminating precisely between improved and unimproved land, the figures for the improved land at the last two censuses are not wholly comparable. Attention is called to the fact that improved farm land, as reported, increased by 64,000,000 acres, while land in crops for which the acreage was given increased only 28,000,000 acres. It should be noted, however, that the acreage devoted to orchards and vineyards probably increased during the decade. There was also an increase of 20.4 per cent in the number of dairy cows, and doubtless a considerable increase in the improved land in pastures. In addition to these increases, it is quite probable that the amount of land lying fallow is greater at the present time than it was a decade ago because of the constant cropping.

ACREAGE, PRODUCTION, AND VALUE OF ALL CROPS, FOR THE UNITED STATES: 1890 AND 1899.

CROP.	ACREAGE.				Unit.	PRODUCTION.				VALUE (DOLLARS).			
	1909	1899	Increase. ¹			1909	1899	Increase. ¹		1909	1899	Increase. ¹	
			Amount.	Per cent.				Amount.	Per cent.			Amount.	Per cent.
All crops	311,293,382	283,218,280	28,075,102	9.9					5,477,161,223	2,998,704,412	2,488,456,811	83.0	
With acreage reports.	311,293,382	283,218,280	28,075,102	9.9					5,477,161,223	2,998,704,412	2,488,456,811	83.0	
With no acreage reports									413,163,629	620,364,843	182,798,786	79.3	
Cereals	191,395,963	184,982,220	6,413,743	3.5	Bu.	4,512,564,465	4,438,857,013	73,707,452	1.7	2,665,539,714	482,603,049	182,936,665	71.8
Corn	98,382,961	94,013,673	4,369,288	4.7	Bu.	2,352,139,022	2,066,324,370	285,814,652	14.1	4,338,533,919	3,708,566	610,361,531	72.1
Oats	35,159,411	29,539,698	5,619,713	19.0	Bu.	1,007,142,980	943,389,375	63,753,605	6.8	144,697,422	217,098,584	157,598,838	91.0
Wheat	44,262,592	52,588,574	-8,325,982	-15.8	Bu.	683,379,259	658,534,252	24,845,007	3.8	637,656,801	369,945,320	287,711,481	77.8
Barley	7,698,706	4,470,190	3,228,510	72.2	Bu.	173,344,212	119,634,877	53,709,335	44.9	92,458,571	41,631,762	50,826,809	122.1
Buckwheat	878,048	807,069	70,988	8.8	Bu.	14,849,332	11,233,515	3,615,817	32.2	9,340,592	5,747,853	3,592,739	62.3
Rye	2,165,561	2,054,292	111,269	6.9	Bu.	29,520,457	25,568,625	3,951,832	15.5	20,421,812	12,290,540	8,131,272	66.2
Kafir corn and milo					Bu.	17,597,305	5,169,113	12,428,192	240.4	10,816,940	1,367,040	9,449,900	691.3
Emmer and spelt.	1,635,153	266,513	1,368,640	513.5	Bu.	2,527,710	9,002,886	12,835,694	142.6	5,584,050	5,629,562	9,690,045	153.1
Rough rice	610,175	342,214	267,961	78.3	Bu.	21,838,580	9,002,886	12,835,694	142.6	10,919,607	6,329,562	4,589,045	153.1
Other grains and seeds	5,157,374	4,075,120	1,082,254	26.6					97,536,085	51,626,538	45,909,547	88.9	
With acreage reports.	5,157,374	4,075,120	1,082,254	26.6					97,536,085	51,626,538	45,909,547	88.9	
Dry edible beans	802,991	453,841	349,150	76.9	Bu.	11,251,160	5,094,490	6,186,670	122.2	21,771,482	7,653,626	14,117,856	185.2
Other beans	14,947	25,738	-10,791	-41.9	Bu.	19,733	143,388	36,345	25.3	241,600	134,084	106,976	79.8
Dry peas	1,305,099	968,570	336,529	34.8	Bu.	7,129,294	9,940,210	-2,810,916	-24.5	10,963,799	7,908,966	3,084,773	38.6
Peas	369,887	516,654	-146,767	-28.4	Bu.	19,415,816	11,994,160	7,421,656	62.0	18,271,929	7,270,515	11,001,414	151.8
Flaxseed	2,083,142	2,110,517	-27,375	-1.3	Bu.	19,152,763	19,479,420	-326,657	-1.7	28,970,554	29,545,633	5,345,633	18.2
Miscellaneous seeds	81,308	81,308			Bu.	6,671,348	4,865,078	1,806,270	37.1	768,625	6,909,206	768,625	84.0
Flower and vegetable seeds					Bu.	6,671,348	4,865,078	1,806,270	37.1	15,137,683	8,228,417	6,909,206	84.0
									1,411,013	826,019	584,994	70.8	
Hay and forage	72,280,776	61,691,069	10,589,707	17.2	Tons.	97,453,735	79,251,562	18,202,173	23.0	824,004,877	484,254,703	339,750,174	70.2
Tobacco	1,294,911	1,101,940	189,971	17.6	Lbs.	1,055,704,806	865,112,865	187,651,941	21.6	104,234,852	56,987,902	47,246,950	83.0
Cotton and cotton seed					Lbs.	1,055,704,806	865,112,865	187,651,941	21.6	824,004,877	484,254,703	339,750,174	70.2
Cotton	32,043,838	24,275,101	7,768,737	32.0	Bales.	10,649,268	9,534,707	1,114,561	11.7	704,619,933	323,758,171	379,861,132	117.3
Cotton seed ²					Tons.	5,324,634	4,767,353	557,281	11.7	121,076,984	46,650,575	74,426,409	157.9
Sugar crops	1,285,031	790,308	494,723	62.6					61,648,942	32,604,680	29,044,253	89.1	
With acreage reports.	1,285,031	790,308	494,723	62.6					61,648,942	32,604,680	29,044,253	89.1	
Sugar beets	364,093	110,170	253,923	230.5	Tons.	3,622,857	793,353	3,139,504	395.7	56,471,133	29,967,978	26,503,155	88.4
Sorghum cane	444,058	293,152	150,907	51.5	Tons.	1,047,260	1,910,046	-862,786	-43.8	19,880,724	3,323,240	16,557,484	496.2
Sugar cane	476,849	389,846	86,993	23.2	Tons.	6,240,240	4,202,202	2,038,038	48.5	10,174,457	6,103,102	4,071,355	66.7
Maple sugar and sirup					Tons.	6,240,240	4,202,202	2,038,038	48.5	26,416,632	20,541,636	5,874,996	28.6
									5,177,809	2,636,711	2,541,098	90.4	
Other minor crops	399,784	286,213	113,571	36.5					18,068,658	9,590,792	8,477,866	58.4	
With acreage reports.	399,784	286,213	113,571	36.5					18,068,658	9,590,792	8,477,866	58.4	
Broom corn	326,102	178,584	147,518	82.6	Lbs.	78,959,958	90,947,370	-11,987,412	-13.2	15,987,552	8,800,834	5,186,718	58.9
Hemp	7,647	16,412	-8,765	-52.3	Lbs.	7,483,295	11,750,630	-4,267,335	-36.3	5,134,434	3,588,514	1,546,020	43.1
Hops	44,093	55,013	-10,920	-19.6	Lbs.	40,718,748	49,209,704	-8,490,956	-17.3	4,421,699	5,461,358	-1,039,659	-24.5
All other	12,842	35,974	-23,132	-68.7	Lbs.	40,718,748	49,209,704	-8,490,956	-17.3	7,844,743	6,081,929	3,762,810	92.2
With no acreage reports									4,081,106	789,958	3,291,148	416.6	
Vegetables	7,073,379	5,638,220	1,435,159	25.5					418,110,154	238,501,761	179,578,383	75.3	
Potatoes	3,668,853	2,938,778	730,075	24.8	Bu.	880,194,965	273,318,167	115,876,798	42.4	16,453,910	68,948,110	68,948,110	69.2
Sweet potatoes and yams	641,255	537,312	103,943	19.3	Bu.	59,232,070	42,517,412	16,714,658	39.3	35,429,176	19,869,840	15,559,336	78.3
Other vegetables	2,763,269	2,162,130	601,139	27.8	Bu.	59,232,070	42,517,412	16,714,658	39.3	216,257,068	120,281,811	95,975,257	79.8
Fruits and nuts	272,460	309,770	-37,310	-12.0					222,024,216	133,048,721	88,975,495	66.9	
Small fruits	143,045	151,363	-8,318	-5.5	Qts.	426,565,863	463,218,612	-36,652,749	-7.9	29,974,481	25,029,757	4,944,724	19.8
Blackberries and dewberries	49,004	50,211	-1,207	-2.4	Qts.	255,702,035	257,427,103	-1,725,068	-0.7	17,913,920	15,029,757	2,884,163	19.8
Raspberries and loganberries	48,668	60,616	-12,348	-20.1	Qts.	55,343,570	62,189,885	-6,846,315	-11.0	3,969,831	3,969,831		
Cranberries	18,431	20,364	-1,933	-9.5	Qts.	60,918,196	76,028,107	-15,709,911	-20.5	5,132,277	5,132,277		
All other	13,312	26,916	-13,604	-50.5	Qts.	38,220,060	31,600,512	6,619,548	21.0	1,753,013	1,753,013		
Orchard fruits					Bu.	216,083,695	212,365,600	3,718,095	1.8	140,867,347	83,750,961	57,116,386	68.2
Apples					Bu.	147,522,313	175,397,600	-27,875,287	-15.9	83,201,492	83,750,961		
Peaches and nectarines					Bu.	35,470,276	20,037,673	15,432,603	77.0	28,781,078	28,781,078		
Pears					Bu.	8,840,733	6,625,417	2,215,316	33.4	7,910,600	7,910,600		
Plums and prunes					Bu.	15,850,176	8,754,032	7,096,144	78.6	10,294,465	10,294,465		
Cherries					Bu.	4,126,099	2,873,499	1,252,600	43.6	7,231,160	7,231,160		
Apricots					Bu.	4,150,263	2,642,128	1,508,135	57.1	2,884,119	2,884,119		
All other					Bu.	493,836	630,321	-136,485	-21.7	329,403	329,403		
Grapes					Lbs.	2,571,065,205	1,300,684,097	1,270,681,108	97.6	22,027,961	14,690,254	7,337,707	50.3
Tropical and subtropical fruits	19,487,481	6,167,891	13,319,590	216.0	Boxes.	19,487,481	6,167,891	13,319,590	216.0	17,966,461	8,227,838	16,478,915	200.3
Oranges					Boxes.	2,770,313	8,676,876	1,893,437	215.9	2,993,738	2,993,738		
Lemons					Boxes.	1,893,437	8,676,876	1,893,437	215.9	2,993,738	2,993,738		
Pomeiinos (grapefruit)					Boxes.	118,250,250	30,790	1,158,460	3,762.3	2,060,610	2,060,610		
Figs					Lbs.	35,060,395	12,994,834	22,065,561	169.8	803,810	803,810		
Pineapples					Crates.	778,551	95,459	683,195	715.7	734,090	734,090		
Olives					Lbs.	16,405,493	5,053,637	11,351,856	224.6	404,574	404,574		
All other					Lbs.	493,836	630,321	-136,485	-21.7	329,403	329,403		
Nuts	62,328,010	40,028,825	22,299,185	55.7	Lbs.	62,328,010	40,028,825	22,299,185	55.7	4,447,674	1,949,931	2,497,743	128.1
Almonds					Lbs.	6,793,639	7,142,710	-349,171	-4.9	711,970	711,970		
Pec													

The total value of crops in 1909 was equal to \$59.66 per capita of the population of the United States, while the value per capita in 1899 was \$39.46.¹ There were 6,361,502 farms in the United States in 1910, so that the value of crops in 1909 was equal to an average of \$863 per farm, while the average value of crops per farm for 1899 was \$523.²

The Census Bureau has made no attempt to ascertain the total net value of farm products for 1909, including both that of crops and that of animal products. Merely to add the value of these two groups of products together would involve extensive duplication, since large quantities of the crops reported are fed to the animals on the farms. It is impossible to ascertain accurately the amount of such duplication, and the attempt to do so which was made at the Twelfth Census was not considered satisfactory in its results. For this reason the relative importance of crops in the aggregate as a factor in the agricultural production of the United States can not be determined with accuracy.

Relative importance of different crops: 1909 and 1899.—In comparing the statistics for individual crops shown in Table 1, it should be noted that the returns are probably more accurate for the leading crops than for the minor crops. The reported production of fruits and vegetables is in all probability less than the true production, as a large proportion of these products are consumed on the farm and farmers are apt to underestimate the amount of such home consumption.

The relative importance of the various individual crops and groups of crops can best be judged from Table 2, which shows, for 1909 and 1899, the percentage of the total improved land occupied by each important crop for which acreage was reported and the percentage which the value of each important crop formed of the total for all crops. The table gives also the average value of each crop per acre wherever data are available.

In 1909, as already stated, crops with acreage reports occupied 65.1 per cent of the total improved land. Cereals occupied 40 per cent—nearly five-eighths of the total acreage of land in crops with acreage reports—hay and forage 15.1 per cent, and cotton 6.7 per cent. These three leading groups together thus occupied 61.8 per cent of the improved land. The distribution of the total value is somewhat different. Cereals in 1909 contributed 48.6 per cent of the total value of crops, hay and forage 15 per cent, cotton (including cotton seed) 15 per cent, vegetables (including potatoes and sweet potatoes and yams) 7.6 per cent, fruits and nuts 4 per cent, forest prod-

ucts of farms 3.6 per cent, tobacco 1.9 per cent, and sugar crops 1.1 per cent, leaving only 3.1 per cent for the other minor crops. Among the individual crops, corn, which occupied 20.6 per cent of the improved farm land in 1909 and contributed 26.2 per cent of the total value of crops in that year, is the most important. None of the other cereals has so great a value as either hay and forage or cotton (including cotton seed). As judged by value, wheat ranks fourth among the crops, oats fifth, and (disregarding forest products as being a combination of items) potatoes sixth.

There was no change in the ranking of the leading crops between 1899 and 1909, but there were, nevertheless, considerable changes in the proportion of improved land occupied by some of them, and in the proportion contributed to the total value of crops.

CROP.	PER CENT OF IMPROVED FARM LAND OCCUPIED.		PER CENT OF TOTAL VALUE OF CROPS.		AVERAGE VALUE PER ACRE.	
	1909	1899	1909	1899	1909	1899
All crops.....	65.1	68.3	100.0	100.0	\$16.30	\$9.77
With acreage reports.....	65.1	68.3	92.5	92.2	.....	.....
With no acreage reports.....	.....	.....	7.5	7.7	.....	.....
Cereals.....	40.0	44.6	48.6	49.4	13.93	8.01
Corn.....	20.6	22.9	26.2	27.6	14.62	8.73
Oats.....	7.3	7.1	7.6	7.2	11.79	7.55
Wheat.....	13.3	12.7	12.0	12.3	14.86	7.63
Barley.....	1.6	1.1	1.7	1.4	12.01	9.31
Buckwheat.....	0.2	0.2	0.2	0.2	10.63	7.12
Rye.....	0.5	0.5	0.4	0.4	9.30	5.98
Kafir corn and milo maize.....	0.3	0.1	0.2	(¹)	6.62	5.13
Emmer and spelt.....	0.1	.....	0.1	.....	9.73	.....
Rice.....	0.1	0.1	0.3	0.2	26.25	18.50
Other grains and seeds:	.....	.....	.....	.....	.....	.....
Dry shile beans.....	0.2	0.1	0.4	0.3	27.11	16.82
Dry peas.....	0.3	0.2	0.2	0.3	8.40	8.17
Peanuts.....	0.2	0.1	0.3	0.2	21.00	14.07
Flaxseed.....	0.4	0.5	0.5	0.7	13.91	9.30
Grass seed and flower and vegetable seeds.....	.....	.....	0.3	0.3	.....	.....
Hay and forage.....	15.1	14.9	15.0	16.1	11.40	7.85
Tobacco.....	0.3	0.3	1.9	1.9	80.55	51.74
Cotton (including cotton seed).....	6.7	5.9	15.0	12.4	25.74	15.27
Sugar crops:	.....	.....	.....	.....	.....	.....
Sugar beets.....	0.1	(¹)	0.4	0.1	54.60	30.16
Sorghum cane.....	0.1	0.1	0.2	0.2	22.91	20.82
Sugar cane.....	0.1	0.1	0.5	0.7	55.40	53.08
Maple sugar and sirup.....	.....	.....	0.1	0.1	.....	.....
Sundry minor field crops:	.....	.....	.....	.....	.....	.....
Broom corn.....	0.1	(¹)	0.1	0.1	15.74	20.09
Hemp.....	(¹)	(¹)	(¹)	(¹)	53.97	34.06
Hops.....	(¹)	(¹)	0.1	0.1	175.53	73.40
Vegetables.....	1.5	1.4	7.6	8.0	.....	.....
Potatoes.....	0.8	0.7	3.0	3.3	45.36	33.48
Sweet potatoes and yams.....	0.1	0.1	0.6	0.7	55.25	36.98
Other vegetables.....	0.6	0.5	3.9	4.0	78.26	55.63
Fruits and nuts.....	.....	.....	4.0	4.4	.....	.....
Small fruits.....	0.1	0.1	0.5	0.8	110.01	80.80
Orchard fruits.....	.....	.....	2.6	2.8	.....	.....
Grapes.....	.....	.....	0.4	0.5	.....	.....
Tropical and subtropical fruits.....	.....	.....	0.5	0.3	.....	.....
Nuts.....	.....	.....	0.1	0.1	.....	.....
Flowers and plants.....	(¹)	(¹)	0.6	0.6	1,011.02	2,015.57
Nursery products.....	(¹)	(¹)	0.4	0.3	201.12	170.17
Forest products of farms.....	.....	.....	3.6	3.7	.....	.....

¹ Less than one-tenth of 1 per cent.

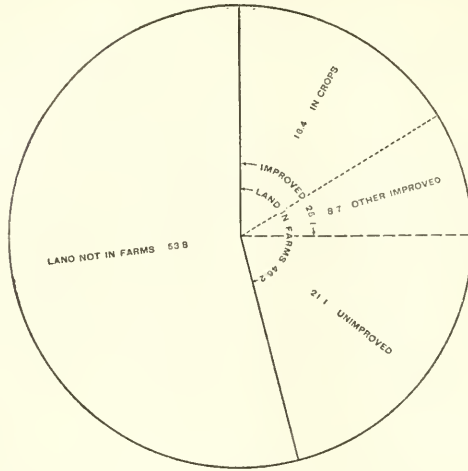
By reason of the fact that the wheat area diminished and that of corn failed to keep pace with the increase in improved land, both of these leading crops, and the cereal group as a whole, occupied a smaller percentage of the improved farm land of the country in 1909 than in 1899, while hay and forage

¹ These per capita figures are based on the population of the United States on April 15, 1910, and June 1, 1900, respectively.

² These averages are based on the number of farms in the United States on April 15, 1910, and June 1, 1900, respectively.

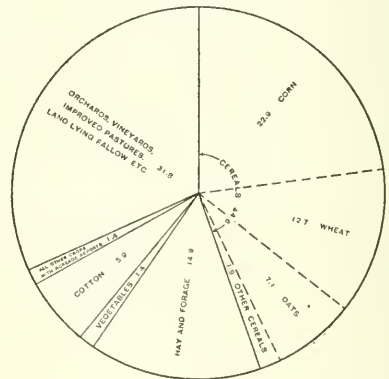
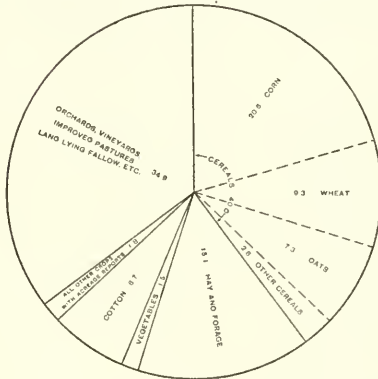
ABSTRACT OF THE CENSUS—AGRICULTURE.

LAND AREA, PERCENTAGE DISTRIBUTION: APRIL 15, 1910.
(CROP ACREAGE: 1909.)



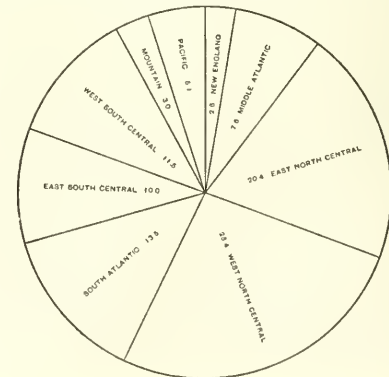
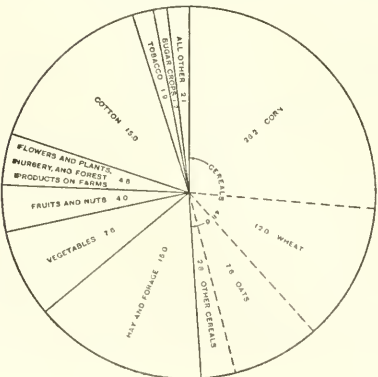
IMPROVED LAND, PERCENTAGE DISTRIBUTION: 1909.

IMPROVED LAND, PERCENTAGE DISTRIBUTION: 1899.



VALUE OF ALL CROPS, PERCENTAGE DISTRIBUTION BY CROPS: 1909.

VALUE OF ALL CROPS, PERCENTAGE DISTRIBUTION BY DIVISIONS: 1909.



and cotton occupied a larger percentage. Hay and forage as well as the cereals, however, contributed a somewhat smaller proportion of the total value of crops in 1909 than in 1899, while cotton (including cotton seed) contributed a materially larger proportion. The combined acreage of cereals increased only 3.5 per cent during the decade 1899-1909, while that of hay and forage increased 17.2 per cent and that of cotton 32 per cent. Certain minor crops show higher percentages of increase in acreage than these leading crops.

The average value of crops per acre, for all crops with acreage reports combined, was \$9.77 in 1899, and \$16.30 in 1909. Naturally great differences appear among the individual crops with respect to average value per acre. These differences in no way indicate the relative profitableness of the different crops, however, as some crops require the use of much more valuable land and more expensive methods of cultivation than others.

Relation of prices to increase in value: 1899 to 1909.—A large part of the extraordinary increase in the total value of farm crops between 1899 and 1909 is attributable to higher prices. While the acreage of crops with acreage reports increased only 9.9 per cent, the value of such crops increased \$3.3 per cent. The percentages of increase in the quantity of the various individual crops, as shown in Table I, were in

nearly all cases much less than the percentages of increase in the value. Thus, for all cereals taken together, the production increased only 1.7 per cent, while the value increased 79.8 per cent; for hay and forage the production increased 23 per cent and the value 70.2 per cent; and for cotton (including cotton seed) the production increased 11.7 per cent and the value 122.5 per cent.

Table 3 shows, for the leading individual crops for which both quantity produced and value were reported at both censuses, the average value per unit in 1899 and 1909, with the percentage of increase. It also shows the value which would have been reported for each crop in 1909 if the average value per unit had been the same in that year as in 1899. In each case a comparison of the value of the 1909 crop computed on this basis with the actual value of the crop of 1899 shows the increase in value during the decade which was due to increased production; while a comparison of this computed value with the actual value of the crop in 1909 shows the increase during the decade which was due to the increase in prices. For certain crops, principally fruits and nuts, the values were not reported separately in 1900, and for certain other crops quantities were not reported at either census, but the table covers nine-tenths of the crops of the country as measured by value.

Table 3

CROP.	Unit.	AVERAGE VALUE PER UNIT.				VALUE OF CROPS.			INCREASES: 1899 to 1909 ¹				EXCESS OF ACTUAL VALUES OF CROPS OF 1909 OVER VALUES COMPUTED ON BASIS OF PRICES OF 1899.	
		1899		Increase: 1899 to 1909		As reported: 1909	Computed for 1909 on basis of prices of 1899.	As reported: 1899	On basis of values as reported.		On basis of prices of 1899 for crops of 1909.		Amount.	Per cent.
		1909	1899	Amount.	Per cent.				Amount.	Per cent.	Amount.	Per cent.		
All crops.....					\$5,487,161,223		\$2,998,704,412	\$2,488,456,811	83.0	\$3,270,379,836	10.0	\$1,972,131,351	66.6	
Crops compared.....					4,934,489,828	\$2,962,358,477	2,691,978,541	83.3	2,442,511,287	83.3	2,445,924,812	10.0	1,972,131,351	66.6
Crops not compared.....					552,671,395		306,725,871		80.2					
Cereals.....					2,665,539,714	1,510,529,214	1,482,603,049	1,182,936,665	79.8	27,926,165	1.9	1,155,010,500	76.5	
Wheat.....	Bu.	\$0.56365	\$0.31061	0.25304	1,438,553,919	792,735,621	828,192,388	610,361,531	73.7	35,456,767	4.3	645,818,298	81.5	
Corn.....	Bu.	0.41776	0.23013	0.18763	414,697,422	231,773,814	217,098,384	197,598,838	91.0	14,675,230	6.8	182,923,608	78.9	
Oats.....	Bu.	0.80236	0.56177	0.24059	637,636,801	383,901,968	369,945,320	287,711,481	77.8	18,936,846	3.8	273,784,833	71.3	
Barley.....	Bu.	0.53338	0.34769	0.18569	92,458,513	60,322,052	41,631,752	30,526,809	122.1	18,690,290	44.9	32,136,519	53.3	
Buckwheat.....	Bu.	0.62835	0.51167	0.11668	9,330,592	7,997,958	5,747,833	5,082,329	62.3	1,850,105	32.2	1,732,634	28.8	
Rye.....	Bu.	0.69179	0.48069	0.21110	20,421,812	14,190,188	12,240,540	8,131,272	66.2	1,899,648	15.5	6,231,624	43.9	
Maize.....	Bu.	0.61469	0.26446	0.35023	132.4	10,812,940	4,653,783	1,367,040	9,449,900	691.3	3,286,748	240.4	6,163,157	132.4
Emmer and spelt.....	Bu.	0.43960	0.43960	0.43960	5,584,050			5,584,050				5,584,050		
Rough rice.....	Bu.	0.73555	0.70306	0.03249	4.3	16,019,607	15,353,832	6,329,562	6,930,045	153.1	9,024,270	112.6	665,775	4.3
Dry edible beans.....	Bu.	1.93504	1.50729	0.42775	28.4	21,771,482	16,958,761	7,633,636	14,137,846	185.2	9,325,123	122.2	4,812,721	28.4
Other beans.....	Bu.	1.34121	0.93511	0.40610	43.4	241,060	168,070	134,084	106,976	79.8	33,966	25.3	72,990	43.4
Dry peas.....	Bu.	2.53784	0.83780	1.70004	83.6	10,963,759	5,972,923	3,054,773	38.6	1,036,043	24.5	4,930,816	83.6	
Peanuts.....	Bu.	0.94108	0.60769	0.33339	54.9	18,271,929	7,908,966	7,270,515	11,001,414	151.3	4,528,282	62.7	3,476,132	54.9
Flaxseed.....	Bu.	1.48470	0.98225	0.50245	51.2	28,970,554	19,166,412	19,624,901	9,345,653	47.6	458,489	2.3	9,804,142	51.2
Grass seed.....	Bu.	2.26906	1.69132	0.57774	34.2	15,137,683	11,283,384	8,228,417	6,909,266	84.0	3,054,967	37.1	3,854,299	34.2
Hay and forage.....	Ton.	8.45534	6.11035	2.34499	84.4	824,004,877	595,476,430	484,254,703	339,750,174	70.2	111,221,727	23.0	228,528,447	84.4
Tobacco.....	Lb.	0.09879	0.06365	0.03514	50.5	104,302,856	69,310,960	56,987,902	47,314,954	83.0	12,323,058	21.6	34,991,896	50.5
Cotton.....	Bale	66.07208	33.96579	32.11633	94.6	703,619,303	361,603,882	323,758,117	379,861,132	117.3	37,485,711	11.7	342,015,421	94.6
Cotton seed.....	Ton.	22.57302	9.84835	12.72467	84.7	121,076,884	52,458,838	40,560,575	74,125,499	157.9	5,488,284	11.7	68,638,122	84.7
Sugar beets.....	Ton.	5.05503	4.18883	0.86619	29.7	19,880,724	16,474,148	16,337,240	16,337,240	488.2	13,150,908	395.7	3,406,336	29.7
Sorghum cane.....	Ton.	6.17659	3.19526	2.98133	93.3	10,174,457	5,263,430	6,103,102	4,071,355	66.7	839,672	13.8	4,911,027	93.3
Broom corn.....	Lb.	0.06503	0.03946	0.02557	64.8	5,134,434	3,115,760	3,588,414	1,546,020	43.1	172,654	3.2	2,018,674	64.8
Hemp.....	Lb.	0.05515	0.04649	0.00866	15.6	412,699	247,898	346,338	133,639	24.5	18,440	36.2	94,801	15.6
Hops.....	Lb.	0.19266	0.08295	0.10971	132.3	7,844,745	3,377,620	4,081,929	3,762,816	92.2	704,809	17.3	4,467,123	132.3
Potatoes.....	Bu.	0.42761	0.35893	0.06867	18.6	168,423,910	140,690,728	98,350,110	68,943,900	62.2	41,710,618	42.4	26,333,182	18.6
Sweet potatoes and yams.....	Bu.	0.59814	0.46733	0.13081	28.0	35,429,176	27,680,923	19,869,840	15,559,336	78.3	7,811,083	39.3	7,748,253	28.0
Small fruits.....	Qt.	0.07027	0.05403	0.01624	30.1	29,974,481	23,047,554	25,029,757	4,944,724	19.8	1,982,403	-7.9	6,927,127	30.1
Orchard fruits.....	Bu.	0.63191	0.39437	0.23754	65.3	140,867,347	85,216,327	57,116,286	57,116,286	68.2	1,465,969	1.8	55,550,420	65.3
Nuts.....	Lb.	0.07136	0.04871	0.02265	46.5	4,447,674	3,035,997	1,949,831	2,497,743	128.1	1,086,066	55.7	1,411,677	46.5

¹ A minus sign (-) indicates decrease.

The total reported value of crops in 1899, compared in Table 3, was \$2,691,979,000, and the total reported value of the same crops in 1909, \$4,934,490,000, an increase of 83.3 per cent. Had the prices of 1899 prevailed, however, the value of these crops in 1909 would have amounted to \$2,962,358,000, or an increase of only 10 per cent over 1899, which indicates substantially the increase in the volume of the product. The difference between \$2,962,358,000 and \$4,934,490,000, or \$1,972,132,000, represents the amount added to the value of these crops by reason of the increase in prices over those for 1899, the average percentage of increase in prices being thus 66.6. For the most important individual crop, corn, the table shows that the actual value in 1909 was \$1,438,554,000, or 73.7 per cent more than the value of the crop of 1899. If there had been no change in value per bushel the value of the 1909 crop would have been \$792,736,000, or less than the value of the crop of 1899. The difference, \$645,818,000, represents the addition to the value of the corn crop of 1909 by reason of the increase of 81.5 per cent in the average value per bushel.

Increase of crop production and consumption: 1899 to 1909.—The percentage given above, 10 per cent, as representing the increase in the value of the crops of 1909, on the basis of the 1899 prices, over the value of the same crops in 1899, is nothing else than a consolidated expression of the general increase in the quantity of crops produced. Covering, as it does, nine-tenths of the crops of the country, it may properly be compared with the increase of 21 per cent in the population of the United States between 1900 and 1910. During the decade the increase in the number of farms was 10.9 per cent, the increase in rural population 11.2 per cent, and the increase in urban population 34.8 per cent. As already stated, the total acreage of crops with acreage reports increased 9.9 per cent between 1899 and 1909. It would appear, therefore, that in the aggregate there was practically no difference in the average quantity of crops produced per acre in the two years.

The increasing consumption of crops in the country has been supplied only in part by an increased production, the remainder being furnished in large measure by a curtailment of agricultural exports. Thus in the fiscal year ending June 30, 1900, the exportations of domestic breadstuffs amounted to \$262,744,078¹ in value, while in the fiscal year 1910 the exports of such commodities had sunk to almost one-half of this value, namely, \$133,191,330.¹ In view of the increase of prices in the 10 years, it will readily be understood that the exports have decreased in quantity considerably more than appears from the decrease in value.

Acreage of leading crops: 1879 to 1909.—Because of the difficulties arising from changes in prices, as well as because of some differences in the classification of

crops, a complete comparison of the census returns for 1909 with those obtained by the censuses prior to 1899 is not practicable. For some of the leading crops, however, a comparison with the censuses of 1879 and 1889, as well as of 1899, can be made upon the basis of acreage. The acreage of all cereals in 1879 was 119,000,000. It advanced in 1889 to 140,000,000 and in 1899 to 184,000,000. The increase in the acreage of some other important crops was more marked. In 1879 the acreage of hay and forage was 30,000,000, advancing to 53,000,000 in 1889, to 62,000,000 in 1899, and in 1909, to 72,000,000, which was considerably more than double the acreage of 30 years before. During the same period of time the cotton acreage has more than doubled, the acreage in 1879 being 15,000,000 and in 1909 32,000,000. Tobacco advanced comparatively little in acreage from 1879 to 1889 (639,000 to 695,000), but in 1899 tobacco was harvested from 1,101,000 acres and in 1909 from 1,295,000. Thus, among these four crops for which acreage figures are available for four censuses, the increase in the combined cereals has been less than that of the other crops, and in their proportion of the aggregate acreage represented by these crops the cereals are at the present time less important than they were 30 years ago. For these four crops the increase in the acreage from 1879 to 1909 amounted to 80.5 per cent, while the population of the country increased 83.4 per cent between 1880 and 1910.

DIVISIONS AND STATES.

Distribution of all crops, by divisions: 1909 and 1899.—Table 4 shows for each of the nine geographic divisions and also for certain larger sections of the country the total acreage and value of all crops with acreage reports, and the total value of all crops, including those without acreage reports, in 1909 and 1899. Table 5 gives percentages and averages based on Table 4. The North includes the first four geographic divisions, the South includes the next three, and the West the last two.

In the West North Central division, where the proportion of improved land occupied in 1909 by crops with acreage reports was highest, these crops occupied 69.8 per cent of the total improved farm acreage in that year, while in the Pacific division, where the proportion was lowest, they occupied 48.3 per cent. The Pacific division has a larger amount of land devoted to fruits and cultivated nuts than any of the other geographic divisions, but it is probable that even in that division the land in such crops in 1909 scarcely exceeded one-sixth of the land in crops for which the acreage was reported.

Of the total value of all crops those without acreage reports represent somewhat less than 10 per cent. Such crops are relatively important in the New England and Pacific divisions, where fruit crops and forest

¹ See Statistical Abstract of the United States, 1910, Table 217, page 431.

products of farms contribute a considerable proportion of the value of all crops. The contribution of such

crops to the total value is relatively least in the West North Central division.

Table 4

DIVISION OR SECTION.	ACREAGE OF CROPS WITH ACREAGE REPORTS.				VALUE OF CROPS WITH ACREAGE REPORTS.				VALUE OF ALL CROPS.			
	1909	1899	Increase. ¹		1909	1899	Increase.		1909	1899	Increase.	
			Acres.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States.....	311,283,382	283,218,280	28,075,102	9.9	\$5,073,997,594	\$2,768,339,569	\$2,305,658,025	83.3	\$5,487,161,223	\$2,988,704,412	\$2,488,456,811	45.2
New England.....	4,638,850	4,865,803	-226,953	-4.3	114,399,237	79,380,064	35,019,173	44.1	141,113,829	95,220,019	45,893,810	48.2
Middle Atlantic.....	17,329,196	19,619,446	-2,290,250	-6.9	359,434,892	263,721,811	95,713,081	36.3	416,248,625	304,829,355	111,419,270	36.5
East North Central.....	59,790,579	59,223,811	566,768	1.0	1,047,889,193	625,293,080	422,596,089	68.3	1,117,182,160	674,955,402	442,226,758	65.5
West North Central.....	114,689,460	101,243,210	13,446,250	13.3	1,403,517,581	714,017,756	689,499,825	96.6	1,445,909,494	736,910,961	708,998,533	96.2
South Atlantic.....	30,279,427	28,337,150	1,942,277	6.9	673,225,482	319,874,805	353,350,677	110.5	752,105,246	348,915,717	393,186,529	112.7
East South Central.....	29,775,920	29,315,596	460,324	1.8	609,467,342	287,926,942	321,540,400	76.9	1,247,282,286	307,782,583	243,499,703	79.1
West South Central.....	33,273,594	29,857,088	3,416,496	11.5	600,153,113	321,007,404	279,125,706	87.0	628,343,039	332,651,290	295,691,749	88.9
Mountain.....	8,859,662	5,392,495	3,466,567	64.3	132,358,297	54,187,588	98,170,709	181.2	163,897,753	56,731,556	107,166,197	188.9
Pacific.....	10,637,294	10,363,671	273,623	2.6	213,472,347	105,467,696	108,004,761	102.4	281,078,791	140,794,249	140,374,242	99.8
The North.....	196,468,085	183,962,270	12,515,815	6.8	2,925,340,903	1,679,875,134	1,245,468,769	74.1	3,120,454,108	1,811,915,717	1,308,538,301	72.2
The South.....	95,328,941	83,599,844	11,819,097	14.2	1,782,825,937	928,809,151	854,016,786	91.9	1,921,730,571	989,332,590	932,377,981	94.2
The West.....	19,496,356	15,756,166	3,740,190	23.7	365,830,754	159,655,284	206,175,470	129.1	444,976,544	197,436,105	247,540,439	125.4
East of the Mississippi.....	137,833,972	136,361,806	1,472,166	1.1	2,704,516,146	1,578,659,125	1,130,857,021	71.9	2,967,932,140	1,731,706,159	1,236,226,090	71.4
West of the Mississippi.....	173,459,410	146,856,474	26,602,936	18.1	2,369,431,448	1,194,680,444	1,174,801,004	98.3	2,519,229,077	1,266,998,356	1,232,230,721	98.8

¹ A minus sign (-) denotes decrease.

Table 5

DIVISION OR SECTION.	PER CENT OF TOTAL FARM ACREAGE IN CROPS WITH ACREAGE REPORTS.		PER CENT OF IMPROVED FARM LAND IN CROPS WITH ACREAGE REPORTS.		DISTRIBUTION OF VALUE OF LAND IN SUCH CROPS.		AVERAGE VALUE OF CROPS WITH ACREAGE REPORTS PER ACRE OF LAND IN SUCH CROPS.	
	1909	1899	1909	1899	1909	1899	1909	1899
	United States.....	35.4	32.8	65.1	68.3	100.0	100.0	16.30	9.77
New England.....	23.6	23.7	64.2	59.8	2.6	3.2	24.56	16.31
Middle Atlantic.....	40.1	41.5	59.1	60.5	7.6	10.2	20.74	14.16
East North Central.....	50.7	50.9	67.2	68.3	20.4	22.5	17.53	10.52
West North Central.....	49.3	50.1	69.8	74.6	20.4	24.6	12.24	7.65
South Atlantic.....	29.2	27.2	62.5	61.5	13.5	11.6	22.23	11.29
East South Central.....	31.6	31.2	58.7	62.9	10.0	10.3	19.77	11.37
West South Central.....	23.2	16.9	67.4	75.1	11.5	11.1	15.28	10.75
Mountain.....	14.9	11.6	55.7	64.2	5.0	1.9	17.39	10.05
Pacific.....	20.7	21.9	48.3	55.3	5.1	4.7	20.07	10.18
The North.....	47.5	48.1	67.8	70.4	56.9	60.4	14.89	9.13
The South.....	17.6	16.8	63.3	66.2	33.0	33.0	18.70	11.12
The West.....	17.6	16.8	51.4	58.0	8.1	6.6	18.70	10.13
East of the Mississippi.....	37.6	37.1	63.2	64.3	54.1	57.7	19.62	11.54
West of the Mississippi.....	33.8	31.2	66.6	72.5	45.9	42.3	13.66	3.14

In the value of all crops (including those without acreage reports) the West North Central division ranks first, its crops in 1909 being valued at \$1,445,909,000, or 26.4 per cent of the total for the country. This division, however, has 34.3 per cent of the improved farm land in the United States. The East North Central division contributed more than one-fifth of the total value of crops in 1909, and the South Atlantic nearly one-seventh. Of the value of all crops the North reported 56.9 per cent, the South 35 per cent, and the West 8.1 per cent. The proportion east of the Mississippi was 54.1 per cent and that west of the Mississippi 45.9 per cent.

In all of the geographic divisions except the New England and South Atlantic, crops with acreage reports occupied a somewhat smaller proportion of the improved acreage in 1909 than in 1899. In the New England and Middle Atlantic divisions the acreage in such crops decreased between 1899 and 1909; and a decrease would doubtless appear for all crops

combined if reports of acreage were available for all. The increase in the acreage of crops with acreage reports for the North (mainly in the West North Central division) was 6.8 per cent; that for the South (mainly in the West South Central division), 14.2 per cent; and that for the West, 23.7 per cent. The table shows that the increase for the territory east of the Mississippi was only 1.1 per cent, while for that west of the Mississippi it was 18.1 per cent.

The absolute increase in value of crops between 1899 and 1909 was greatest in the West North Central division (\$708,999,000), but the percentage of increase in that division (96.2) was less than that in the Mountain division (188.9), that in the South Atlantic division (112.7), or that in the Pacific division (99.8 per cent). For the North the increase in value of crops was 72.2 per cent, for the South 94.2 per cent, and for the West 125.4 per cent.

Relative importance of leading crops in the total production of each division, section, and state: 1909.—Tables 6, 7, and 8 have for their purpose the indication of the relative importance of the principal individual crops in the agriculture of each geographic division, section, and state.

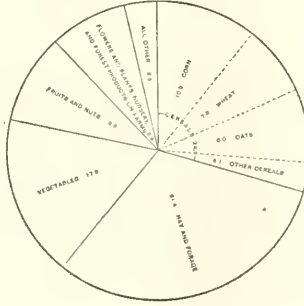
The distribution of the crops varies greatly in the different divisions and sections. As shown in Table 6, the value of cereals constituted 75.4 per cent of the total value of crops in the West North Central division and 65.4 per cent in the East North Central, but in no other division did the proportion exceed 35 per cent, and in New England it was only 7.6 per cent. As judged by value, hay and forage is the most important group of crops in the New England, Middle Atlantic, and Mountain divisions, while cotton is the most important crop in each of the three southern divisions; in the South as a whole the value of the cotton crop (including cotton seed) in 1909 was 42.7 per cent of the total value of all crops.

VALUE OF ALL CROPS, PERCENTAGE DISTRIBUTION BY CROPS, BY DIVISIONS: 1909.

NEW ENGLAND.



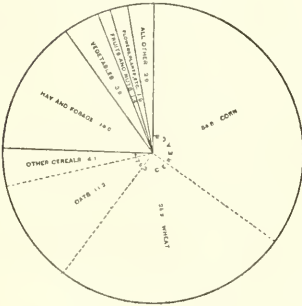
MIDDLE ATLANTIC.



EAST NORTH CENTRAL.



WEST NORTH CENTRAL.



SOUTH ATLANTIC.



EAST SOUTH CENTRAL.



WEST SOUTH CENTRAL.



MOUNTAIN.



PACIFIC.



FARM CROPS, BY STATES.

PERCENTAGE OF VALUE OF ALL CROPS REPRESENTED BY INDIVIDUAL CROPS, BY DIVISIONS AND SECTIONS: 1909.

Table 6	DIVISION OR SECTION.	Value of all crops.	Crops with acreage reports.		CEREALS.										OTHER GRAINS AND SEEDS WITH ACREAGE REPORTS.					Seeds. ³	Hay and forage.	Tobacco.	Cotton (including cotton seed).																			
			Crops without acreage reports. ¹	Total.	Total.	Corn.	Wheat.	Oats.	Barley.	Rye.	Buckwheat.	Kaffir corn and milo maize.	Emmer and spelt.	Rice.	Total. ¹	Dry, edible beans.	Dry peas.	Peanuts.	Flaxseed.																							
United States.....																				100.0	82.5	7.5	48.6	26.2	12.0	7.6	1.7	0.4	0.4	0.2	0.2	0.1	0.3	1.5	0.4	0.2	0.3	0.5	0.3	15.0	1.9	15.0
New England.....																				100.0	84.1	15.9	7.6	3.9	0.1	2.9	0.2	0.1	0.3	0.2	0.1	0.3	0.5	0.3	0.2	0.3	0.3	0.3	0.3	41.9	4.0	4.0
Middle Atlantic.....																				100.0	86.4	13.6	23.6	10.9	7.6	8.0	0.3	1.3	1.6	0.1	0.1	0.1	0.9	0.9	0.3	0.3	0.3	0.3	0.3	31.4	1.0	1.0
East North Central.....																				100.0	93.8	6.2	29.6	38.9	10.9	13.3	1.4	0.3	0.1	0.1	0.1	0.1	1.2	0.9	0.3	0.3	0.3	0.3	0.6	16.5	1.4	1.4
West North Central.....																				100.0	97.1	2.9	65.4	34.8	23.2	11.2	3.3	0.3	0.1	0.2	0.3	0.1	2.2	0.5	0.3	0.3	1.9	0.4	14.6	1.6	1.6	
South Atlantic.....																				100.0	94.7	5.3	28.2	29.1	3.9	1.9	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.5	0.5	0.3	0.3	5.1	4.4	4.4	
East South Central.....																				100.0	92.4	7.6	31.5	27.4	2.9	1.3	0.1	0.1	0.1	0.1	0.1	0.1	0.7	0.3	0.4	0.4	0.3	0.1	5.4	3.3	37.1	
West South Central.....																				100.0	95.5	4.5	31.0	22.8	2.7	2.0	0.1	0.1	0.1	1.0	0.1	0.1	2.4	0.5	0.2	0.3	0.3	0.3	4.7	0.7	49.9	
Mountain.....																				100.0	93.0	7.0	34.6	2.8	15.8	12.9	3.4	0.2	0.1	0.3	0.1	0.1	1.0	0.2	0.3	0.4	0.4	0.6	44.5	0.5	0.5	
Pacific.....																				100.0	75.9	24.1	32.3	0.6	18.6	4.8	7.8	0.1	0.1	0.3	0.3	0.1	2.4	2.5	0.1	0.1	0.1	0.4	28.5	0.5	0.5	
The North.....																				100.0	93.7	6.3	62.6	31.7	16.6	11.2	2.1	0.6	0.3	0.1	0.2	0.1	0.5	0.1	0.1	0.1	0.9	0.4	18.8	0.8	0.1	
The South.....																				100.0	92.8	7.2	29.3	23.1	17.7	1.7	0.1	0.1	0.3	0.1	0.1	0.1	0.8	0.3	0.3	0.3	0.2	0.1	5.1	4.1	42.7	
The West.....																				100.0	82.2	17.8	33.1	4.4	17.2	7.5	6.2	0.1	0.1	0.3	0.1	0.1	1.3	1.3	1.3	0.2	0.2	0.5	31.7	0.1	0.1	
East of the Mississippi.....																				100.0	91.1	8.9	41.6	25.9	6.7	6.9	0.6	0.5	0.3	0.3	0.1	0.1	1.4	0.5	0.3	0.6	0.3	0.3	14.9	3.5	3.5	
West of the Mississippi.....																				100.0	94.1	5.9	56.9	25.9	18.2	8.3	3.0	0.2	0.2	0.4	0.2	0.1	1.6	0.3	0.1	0.1	1.1	0.3	15.2	2.2	17.6	

¹ Includes small amounts of grains and seeds of secondary importance. ² Crops without acreage reports. ³ Less than one-tenth of 1 per cent. ⁴ Includes small amounts of minor crops of secondary importance.

PERCENTAGE OF IMPROVED FARM ACREAGE IN INDIVIDUAL CROPS, BY DIVISIONS AND SECTIONS: 1909.

Table 7	DIVISION OR SECTION.	Improved farm land.	Crops with acreage reports.		OTHER GRAINS AND SEEDS WITH ACREAGE REPORTS.										SUGAR CROPS WITH ACREAGE REPORTS.			SUNDRY MINOR CROPS WITH ACREAGE REPORTS.		VEGETABLES.																								
			All cereals. ¹	Total. ²	Total. ²	Dry, edible beans.	Dry peas.	Peanuts.	Flaxseed.	Hay and forage.	Tobacco.	Cotton.	Total.	Sugar beets.	Sorghum cane.	Sugar cane.	Total. ³	Broom corn.	Total.	Potatoes.	Sweet potatoes and yams.	All other.	Small fruits.																					
United States.....																							100.0	65.1	40.0	1.1	0.2	0.3	0.2	0.4	15.1	0.3	6.7	0.3	0.1	0.1	0.1	0.1	1.5	0.8	0.1	0.8	0.1	0.2
New England.....																							100.0	64.2	6.5	0.2	0.2	0.1	0.1	52.3	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	4.6	3.2	0.1	1.4	0.2	0.1
Middle Atlantic.....																							100.0	59.1	25.3	0.4	0.4	0.1	0.1	29.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	3.6	2.5	0.1	1.2	0.2	0.2
East North Central.....																							100.0	67.2	47.6	0.7	0.5	0.3	0.1	16.5	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	1.8	1.2	0.1	0.6	0.1	0.1
West North Central.....																							100.0	63.8	51.0	1.3	0.1	0.1	0.1	16.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7	0.5	0.1	0.2	0.1	0.1
South Atlantic.....																							100.0	62.5	31.5	2.8	0.1	1.4	1.3	5.9	1.0	18.6	0.2	0.1	0.1	0.1	0.1	0.1	2.3	0.5	0.6	1.3	0.1	0.1
East South Central.....																							100.0	58.7	30.9	0.8	0.1	0.5	0.3	5.7	1.3	18.0	0.5	0.3	0.1	0.1	0.1	0.1	1.4	0.3	0.4	0.8	0.1	0.1
West South Central.....																							100.0	67.4	35.4	0.4	0.1	0.1	0.2	5.5	0.1	25.8	0.8	0.2	0.6	0.4	0.4	0.4	0.9	0.2	0.2	0.5	0.1	0.1
Mountain.....																							100.0	55.7	21.1	0.6	0.2	0.2	0.3	31.2	0.1	0.1	1.1	1.0	0.1	0.1	0.1	1.5	1.1	0.1	0.5	0.1	0.1	
Pacific.....																							100.0	48.3	26.3	0.8	0.7	0.1	0.1	19.1	0.1	0.1	0.4	0.4	0.1	0.1	0.1	1.4	0.8	0.1	0.6	0.1	0.1	
The North.....																							100.0	67.8	46.2	1.0	0.2	0.1	0.1	18.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.5	1.0	0.1	0.5	0.1	0.1	
The South.....																							100.0	63.8	32.1	1.3	0.1	0.7	0.6	15.7	0.7	21.2	0.5	0.2	0.1	0.1	0.1	0.2	1.5	0.3	0.4	0.8	0.1	0.1
The West.....																							100.0	51.4	24.1	0.7	0.5	0.1	0.1	24.2	0.1	0.1	0.7	0.7	0.1	0.1	0.1	1.4	0.9	0.1	0.5	0.1	0.1	
East of the Mississippi.....																							100.0	63.2	36.3	1.1	0.3	0.1	0.4	14.9	0.6	7.8	0.2	0.1	0.1	0.1	0.1	2.2	1.1	0.2	0.9	0.1	0.1	
West of the Mississippi.....																							100.0	66.0	45.1	1.0	0.1	0.1	0.1	15.3	0.3	5.8	0.3	0.1	0.1	0.1	0.1	0.9	0.5	0.1	0.3	0.1	0.1	

¹ For corresponding percentages for important individual cereals see Tables 22 for corn, 24 for wheat, and 26 for oats. ² Includes small amounts for grains and seeds not shown separately. ³ Includes small amounts for hops, hemp, and other minor crops not shown separately. ⁴ Less than one-tenth of 1 per cent.

Vegetables, including potatoes and sweet potatoes and yams, are of considerable importance in every geographic division, but particularly in the New England and Middle Atlantic divisions. Fruits and nuts contributed 21.4 per cent of the total value of crops in the Pacific division in 1909, and in the New England and Middle Atlantic divisions these crops were also relatively important, as were likewise flowers and plants, nursery products, and forest products.

Tobacco contributes a considerable proportion of the value of crops in the New England, South Atlantic, and East South Central divisions; and the sugar crops are of considerable importance in the West South Central division. Most of the other crops are of little relative significance in any division of the country.

The relative importance of the leading crops in each division and section from the standpoint of acreage is indicated by Table 7.

The distribution of acreage among the several crops in general conforms more or less closely to the distribution of the total value, so that little additional comment is necessary.

In most of the geographic divisions the cereals, hay and forage, and cotton together occupy nine-tenths or more of the total acreage of crops with acreage reports. No other crop or group of crops approaches these in importance as judged by acreage, in any division. Table 8 shows for individual states, by percentages, the relative importance of the principal crops from the standpoint of value and acreage.

Table 8

STATE.	PER CENT OF TOTAL VALUE OF CROPS (1909) REPRESENTED BY—														PER CENT OF IMPROVED FARM LAND (1909) IN—													
	Value of all crops.	Crops with acreage reports.	Cereals.			Hay and forage.	Cotton (including cotton seed).	Tobacco.	All vegetables.	Fruits and nuts.	Forest products.	All other crops.	Improved farm land.	Crops with acreage reports.	Cereals.			Hay and forage.	Cotton.	Tobacco.	All vegetables.	All other crops with acreage reports.						
			Total.	Corn.	Oats.										Wheat.	Total.	Corn.						Oats.	Wheat.				
United States.....	100.0	92.5	48.6	26.2	7.6	12.0	15.0	13.0	1.9	7.6	4.0	3.6	4.2	100.0	65.1	40.0	20.6	7.3	9.3	15.1	6.7	0.3	1.5	1.5				
NEW ENGLAND:																												
Maine.....	100.0	80.0	7.9	1.1	5.8	0.2	38.4	()	31.5	6.2	14.2	1.8	100.0	67.3	6.5	0.6	5.1	0.1	53.2	()	()	6.8	0.5	()	2.8	0.4		
New Hampshire.....	100.0	71.6	5.5	3.3	1.4	()	49.1	0.1	14.2	5.3	22.6	4.7	100.0	63.8	8.5	2.1	1.3	()	37.0	()	()	2.8	0.4	()	2.2	0.2		
Vermont.....	100.0	79.7	9.7	4.0	4.3	0.1	59.5	0.1	9.5	3.3	13.3	4.7	100.0	73.7	8.2	2.6	4.4	()	63.1	()	()	2.2	0.2	()	2.2	0.2		
Massachusetts.....	100.0	84.7	5.1	4.3	0.5	()	35.3	3.8	25.6	11.8	8.4	10.0	100.0	56.2	4.7	3.6	0.7	()	44.6	()	0.5	5.3	1.1	()	5.6	0.5		
Rhode Island.....	100.0	86.6	9.6	8.5	0.7	()	33.3	()	26.5	6.4	7.9	16.3	100.0	47.2	6.8	5.4	1.0	()	34.4	()	()	5.0	0.5	()	5.0	0.5		
Connecticut.....	100.0	85.2	9.1	7.5	0.7	0.1	37.0	1.9	19.6	17.5	5.3	6.2	100.0	54.1	7.5	5.2	1.6	0.1	40.6	()	1.6	4.1	0.3	()	4.1	0.3		
MIDDLE ATLANTIC:																												
New York.....	100.0	83.4	20.6	5.5	8.6	3.4	32.0	0.2	17.4	11.9	5.0	8.0	100.0	64.5	17.5	3.5	8.8	1.9	34.0	()	()	3.8	1.1	()	3.8	1.1		
New Jersey.....	100.0	91.7	24.3	16.5	1.8	3.9	18.9	()	34.9	10.1	1.9	9.9	100.0	61.8	27.9	14.7	4.0	4.6	22.3	()	()	10.1	1.6	()	10.1	1.6		
Pennsylvania.....	100.0	89.7	42.7	26.4	8.6	13.7	27.4	2.4	13.3	6.5	4.8	3.6	100.0	61.0	31.1	19.9	9.0	9.7	24.4	()	0.3	2.8	0.1	()	2.8	0.1		
EAST SOUTH CENTRAL:																												
Ohio.....	100.0	93.5	59.9	35.7	10.1	13.5	15.4	4.4	3.9	9.1	3.4	2.5	100.0	59.9	39.8	20.4	9.3	9.5	17.2	()	0.6	1.8	0.2	()	1.8	0.2		
Indiana.....	100.0	94.7	74.4	48.2	9.3	16.5	12.2	1.9	5.6	2.3	2.7	1.8	100.0	66.5	51.7	28.9	9.9	12.3	13.6	()	0.1	1.3	0.2	()	1.3	0.2		
Illinois.....	100.0	94.4	79.9	53.3	16.0	10.2	10.9	()	1.5	0.9	2.4	4.2	100.0	72.3	59.0	35.8	14.9	7.8	38.9	()	1.0	0.4	0.3	()	1.0	0.3		
Michigan.....	100.0	87.6	43.5	18.3	11.4	10.2	22.2	()	10.0	7.8	4.9	11.5	100.0	63.9	34.4	12.4	11.1	6.3	21.2	()	()	3.6	4.8	()	3.6	4.8		
Wisconsin.....	100.0	90.9	49.3	23.3	19.3	1.7	27.5	2.6	8.4	2.0	6.4	3.7	100.0	71.8	41.6	12.2	18.2	1.2	25.9	()	0.3	3.0	1.0	()	3.0	1.0		
WEST NORTH CENTRAL:																												
Minnesota.....	100.0	96.1	72.8	15.8	17.6	29.0	13.8	()	5.7	0.7	2.7	4.3	100.0	75.0	51.6	10.2	15.2	16.7	20.1	()	()	1.4	1.9	()	1.4	1.9		
Iowa.....	100.0	96.8	73.2	53.3	15.6	2.4	18.9	()	3.8	1.8	1.2	1.3	100.0	69.1	51.0	31.3	15.8	1.8	17.1	()	()	0.9	0.1	()	0.9	0.1		
Missouri.....	100.0	92.6	67.1	48.6	4.6	13.6	15.3	1.8	0.3	6.0	4.0	3.8	100.0	68.3	41.7	28.9	9.4	8.2	14.8	0.4	()	1.0	0.5	()	1.0	0.5		
North Dakota.....	100.0	99.8	82.6	1.3	13.3	60.4	6.8	()	1.7	()	0.1	8.7	100.0	77.7	58.1	10.9	10.5	40.9	14.0	()	()	0.3	5.2	()	0.3	5.2		
South Dakota.....	100.0	97.1	78.4	24.0	1.5	0.1	1.1	()	2.4	1.2	0.5	4.2	100.0	71.3	51.8	12.9	14.9	21.1	21.5	()	()	0.4	3.3	()	0.4	3.3		
Nebraska.....	100.0	98.3	78.3	45.0	4.9	22.5	16.2	()	3.0	1.1	0.4	0.9	100.0	70.7	51.4	29.8	9.7	10.9	18.5	()	()	0.6	0.1	()	0.6	0.1		
Kansas.....	100.0	98.4	78.7	37.6	4.5	34.5	14.9	()	3.2	0.7	0.6	1.8	100.0	66.5	52.3	27.1	3.1	20.0	13.2	()	()	0.4	0.6	()	0.4	0.6		
SOUTH ATLANTIC:																												
Delaware.....	100.0	93.1	51.4	31.8	0.6	18.6	12.9	2.0	20.1	9.8	3.8	2.0	100.0	61.5	43.3	26.5	0.6	11.6	11.3	()	()	5.3	1.5	()	5.3	1.5		
Maryland.....	100.0	90.4	49.0	25.1	1.3	22.5	13.7	()	3.3	18.2	6.4	3.2	100.0	67.6	38.6	19.3	1.3	17.6	11.9	()	0.8	4.6	0.7	()	4.6	0.7		
District of Columbia.....	100.0	99.2	1.8	1.8	()	()	4.7	()	36.8	1.1	()	55.6	100.0	68.1	8.8	8.8	8.3	0.3	()	18.7	()	23.6	4.9	()	23.6	4.9		
Virginia.....	100.0	86.0	39.8	28.7	1.6	8.7	10.2	0.8	12.1	17.2	4.4	10.1	100.0	43.1	28.8	18.8	2.1	7.0	7.8	0.3	1.9	2.0	1.8	()	1.9	2.0		
West Virginia.....	100.0	82.0	39.6	29.5	2.3	6.7	18.6	()	4.8	17.3	8.3	9.9	100.0	33.9	18.8	12.2	1.9	3.8	12.8	()	0.3	1.6	0.4	()	1.6	0.4		
North Carolina.....	100.0	89.5	26.5	21.9	1.2	3.1	3.3	35.3	9.7	5.8	3.1	8.0	100.0	65.1	36.9	27.9	2.6	5.7	4.3	14.5	2.5	2.4	4.6	()	2.5	4.6		
South Carolina.....	100.0	96.0	19.0	14.6	2.7	0.3	2.2	67.9	1.5	4.9	0.9	3.2	1.5	100.0	84.5	32.1	25.7	3.3	0.7	3.4	41.9	0.5	1.8	4.8	()	1.8	4.8	
Georgia.....	100.0	94.6	18.7	16.4	1.9	0.4	1.8	66.2	0.1	4.7	1.4	3.9	3.1	100.0	73.6	31.9	27.8	3.3	0.8	2.1	39.7	()	1.5	3.5	()	1.5	3.5	
Florida.....	100.0	72.9	17.1	15.8	1.2	()	2.3	15.2	2.8	23.2	21.3	6.6	11.4	100.0	67.7	36.0	33.6	2.4	()	3.0	14.6	0.2	4.9	9.0	()	4.9	9.0	
EAST SOUTH CENTRAL:																												
Kentucky.....	100.0	90.0	43.7	36.3	0.9	6.3	7.4	0.2	28.7	8.5	3.6	2.5	100.0	42.1	30.1	23.9	1.2	4.7	6.7	0.1	3.3	1.3	0.7	()	1.3	0.7		
Tennessee.....	100.0	89.9	45.8	38.0	2.0	5.7	10.5	17.1	4.7	8.6	3.7	7.1	2.2	100.0	58.4	38.0	28.9	3.1	5.7	9.7	7.2	0.8	1.5	1.2	()	1.5	1.2	
Alabama.....	100.0	92.1	21.4	19.0	1.5	0.1	2.3	69.3	()	1.5	4.4	3.2	100.0	71.3	39.3	26.9	2.7	0.1	2.5	38.5	()	1.0	2.5	1.0	()	2.5	1.0	
Mississippi.....	100.0	94.4	18.2	17.7	0.6	()	2.3	65.4	()	6.4	1.1	4.5	2.0	100.0	68.4	25.2	24.1	1.1	()	2.5	37.7	()	1.4	1.5	()	1.4	1.5	
WEST SOUTH CENTRAL:																												
Arkansas.....	100.0	91.6	26.2	23.4	1.4	0.4	4.1	52.9	()	6.4	3.1	5.8	1.5	100.0	66.6	31.8	28.2	2.4	0.7	5.4	26.7	()	1.4	1.4	()	1.4	1.4	
Louisiana.....	100.0	94.4	22.9	21.3	1.7	()	3.1	26.2	0.1	3.1	1.6	4.8	34.2	100.0	68.0	35.7	30.2	0.6	()	3.4	18.1	()	2.2	7.5	()	2.2	7.5	
Oklahoma.....	100.0	97.8	53.8	36.0	5.4	10.4	7.2	30.9	()	3.2	1.0	1.2	2.8	100.0	67.9	47.0	33.7	3.5	6.7	7.7	11.3	()	0.5	1.5	()	0.5	1.5	
Texas.....	100.0	96.4	22.5	17.0	1.2	1.0	4.3	63.3	()	4.1	0.8	3.0	2.1	100.0	67.2	24.5	18.8	1.6	1.2	4.8	36.3	()	0.7	0.8	()	0.7	0.8	
MOUNTAIN:																												
Montana.....	100.0	95.8	41.1	0.6	20.7	17.9	41.5	()	7.5	2.3</																		

the improved farm land and of the total acreage of crops with acreage reports is also shown. In this table the combined cereals are treated as a unit; the corresponding distribution of the individual cereals among the divisions and sections is shown in Table 19.

Several of the most important crops, including the cereals as a group, hay and forage, potatoes, miscellaneous vegetables, small fruits, flowers and plants, and nursery products, are very widely distributed over the country.

The distribution of the cereal acreage corresponds more closely to the distribution of the total acreage of improved farm land than does that of any other class of crops, but the East and West North Central divisions report somewhat larger percentages of the cereal acreage than of the improved farm land. Few of the remaining crops are very widely distributed. Several crops—cotton, sugar cane, sweet potatoes and yams, and peanuts—are largely concentrated in the southern divisions.

Table 9

DIVISION OR SECTION.	PER CENT OF TOTAL ACREAGE: 1909																								
	Improved farm land.		Crops with acreage reports.				Other grains and seeds with acreage reports.				Sugarcrops with acreage reports.				Sundry minor crops with acreage reports.				Vegetables.						
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
United States	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	1.5	1.5	0.2	2.1	0.1	0.1	(1)	5.3	1.7	.....	(1)	11.8	3.5	.....	(1)	28.9	15.7	19.2	3.7	12.9	20.3	35.3	17.0	.....	.....
Middle Atlantic.....	18.6	19.2	22.1	52.6	17.4	(1)	0.5	20.4	13.3	.....	10.5	27.5	7.8	.....	12.0	3.5	0.1	23.2	30.1	2.1	18.8	20.9	21.1	17.1	.....
East North Central.....	34.3	36.8	43.7	1.1	2.1	(1)	97.4	37.9	0.4	0.3	6.7	3.7	16.4	.....	14.4	0.2	(1)	16.5	21.4	2.4	13.4	13.1	6.5	20.6	.....
West North Central.....	10.1	9.7	8.0	3.2	51.2	72.9	(1)	4.0	37.6	28.1	9.4	(1)	14.1	12.0	0.1	(1)	(1)	16.0	6.5	46.1	21.6	16.7	8.1	12.4	.....
South Atlantic.....	9.2	8.3	7.1	2.3	15.6	15.4	(1)	3.4	43.3	24.7	15.3	0.1	34.0	10.9	0.6	89.6	(1)	8.9	3.3	25.1	12.5	7.0	2.5	10.1	.....
East South Central.....	12.2	12.6	10.2	0.4	10.6	11.6	(1)	4.5	0.1	46.9	37.6	0.2	26.0	77.0	69.4	0.5	.....	7.3	3.2	19.7	9.9	7.1	3.4	7.1	.....
West South Central.....	3.3	2.8	1.8	3.8	2.9	.....	.....	2.0	6.9	(1)	13.4	45.5	1.5	(1)	3.1	1.0	.....	3.5	4.6	0.1	2.7	2.5	1.3	2.1	.....
Mountain.....	4.6	3.4	3.0	13.8	0.5	.....	(1)	5.8	(1)	(1)	6.4	22.5	0.2	.....	0.4	3.9	72.9	4.3	4.6	0.8	4.6	7.5	8.1	10.3	.....
Pacific.....	60.6	63.1	70.0	70.4	19.9	0.1	97.9	75.4	18.9	0.3	17.3	31.6	24.3	.....	26.4	4.9	27.0	60.1	77.7	8.2	48.7	59.3	75.5	58.0	.....
The North.....	31.5	30.6	25.3	6.0	77.4	99.9	0.1	11.9	81.1	99.7	62.8	0.4	74.1	100.0	70.1	90.2	0.1	32.2	13.0	90.9	44.0	30.8	15.1	29.6	.....
The South.....	7.9	6.3	4.8	23.6	2.7	(1)	2.0	12.7	(1)	(1)	19.9	68.0	1.7	(1)	3.5	4.9	72.9	7.7	9.3	0.9	7.3	9.9	9.4	12.5	.....
East of the Mississippi.....	45.6	44.3	41.3	74.8	54.5	88.3	0.5	44.9	99.4	52.8	35.8	28.1	56.0	22.9	12.6	94.3	27.1	68.4	66.2	77.0	69.4	69.9	80.7	59.8	.....
West of the Mississippi.....	54.4	55.7	58.7	25.2	15.5	11.7	99.5	55.1	0.6	47.2	64.2	71.9	44.0	77.1	87.4	5.7	72.9	31.6	33.8	23.0	30.6	30.1	19.3	40.2	.....

¹ Less than one-tenth of 1 per cent.

The distribution among the geographic divisions and sections of the value of those crops of any importance for which there were no reports of acreage is shown in Table 10. For comparison, the distribution of the value of all crops and of the value of crops with acreage reports is shown.

lition reported only 4.2 per cent of the value of crops with acreage reports and 4.6 per cent of the improved farm land, that division reported 16.4 per cent of the value of crops with no acreage reports. This is largely due to the concentration of the production of fruits and nuts on the Pacific coast. The West North Central division reported 27.7 per cent of the value for the crops with acreage reports, but only 10.3 per cent for the crops with no acreage reports.

Table 10

DIVISION OR SECTION.	PER CENT OF TOTAL VALUE: 1909													
	All crops.		Crops with acreage reports.		Crops with no acreage reports.									
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
United States	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	12.6	12.3	6.5	0.3	27.2	5.2	0.5	(1)	0.5	9.0	.....	.....	.....	.....
Middle Atlantic.....	7.6	7.1	13.9	2.3	33.1	20.3	22.5	(1)	3.9	9.8	.....	.....	.....	.....
East North Central.....	20.4	20.7	16.7	40.4	39.8	17.3	43.2	(1)	1.7	15.5	.....	.....	.....	.....
West North Central.....	26.4	27.7	10.3	36.5	9.0	10.5	5.3	(1)	2.2	10.2	.....	.....	.....	.....
South Atlantic.....	13.5	13.3	16.7	1.3	1.8	11.2	4.1	29.3	4.7	22.5	.....	.....	.....	.....
East South Central.....	10.0	10.1	3.9	0.2	7.9	1.6	0.8	3.6	15.0	.....	.....	.....	.....	.....
West South Central.....	11.5	11.8	6.8	1.6	(1)	3.8	1.4	1.8	16.3	10.8	.....	.....	.....	.....
Mountain.....	3.0	3.0	2.8	6.4	(1)	5.4	0.6	0.3	0.2	1.3	.....	.....	.....	.....
Pacific.....	5.1	4.2	16.4	7.4	(1)	18.4	49.9	67.8	66.9	4.9	.....	.....	.....	.....
The North.....	56.9	57.7	47.2	79.4	98.0	53.3	42.4	(1)	8.3	45.5	.....	.....	.....	.....
The South.....	35.0	35.1	33.6	6.8	2.0	22.8	7.1	31.9	24.6	48.3	.....	.....	.....	.....
The West.....	8.1	7.2	49.2	13.8	(1)	23.9	50.5	68.1	67.1	6.2	.....	.....	.....	.....
East of the Mississippi.....	54.1	53.3	63.8	48.2	99.0	61.9	42.9	30.1	14.4	72.8	.....	.....	.....	.....
West of the Mississippi.....	45.9	46.7	36.2	51.8	1.0	38.1	57.1	69.9	85.6	27.2	.....	.....	.....	.....

¹ Less than one-tenth of 1 per cent.

Acreage and value of all crops, by states: 1909 and 1899.—Table 11 presents by states, for 1909 and 1899, the acreage and value of all crops with acreage reports and the value of all crops, including those without acreage reports.

The map on page 371 shows the distribution of the value of all farm crops among the states.

It will be seen that, as judged by the total value of all crops, Illinois was in 1909 the leading agricultural state, followed by Iowa, Texas, Ohio, Georgia, Missouri, Kansas, New York, and Indiana, each reporting more than \$200,000,000. The first four states named occupied the same rank in 1899, but Georgia ranked only fifteenth among the states in that year.

With respect to the progress made by these leading states from 1899 to 1909, it may be noted that only in Georgia and Kansas did the rate of increase for the total value of all crops exceed that for the United

The geographic distribution of the value of crops with no acreage reports is very different from that of crops with acreage reports. Whereas the Pacific divi-

States as a whole. Moreover, these two states, together with Texas, are the only ones in the group which report any considerable extension of the acreage of crops with acreage reports. In Indiana the acreage of such crops was 1.8 per cent higher than in 1899, but Illinois, Iowa, Missouri, Ohio, and New York all report a decrease in acreage.

During the period 1899 to 1909 the most conspicuous relative advances in the value of all crops took place in the states of Idaho, Washington, North Dakota, Wyoming, Oklahoma, and Colorado, in each of which the crops of 1909 were more than three times as valuable as those of 1899. Except in North Dakota and Oklahoma, these high rates of increase represent comparatively small absolute increases.

The greatest absolute increase in the value of all crops occurred in Illinois, where it amounted to

\$157,000,000. Other states in which the absolute increase exceeded \$100,000,000 were Georgia, Texas, North Dakota, Iowa, Nebraska, and Kansas.

During the decade there was an increase of over 1,000,000 acres in land devoted to crops in each of the following states: North Dakota, Oklahoma, South Dakota, Texas, Nebraska, Kansas, Washington, Georgia, and Colorado. New Mexico reported the highest percentage of gain, 222.8, followed by North Dakota, Oklahoma, Wyoming, Washington, and Idaho. In Iowa and California the loss in acreage reported was over one and one-half million, and in New York and Pennsylvania it exceeded half a million. Besides these four states fourteen others had less land in crops in 1909 than in 1899, the relative decrease being greatest in California, followed by New Hampshire, Connecticut, and Massachusetts.

ALL FARM CROPS—ACREAGE AND VALUE, BY STATES: 1909 AND 1899.

Table 11	ACREAGE OF CROPS WITH ACREAGE REPORTS.				VALUE OF CROPS WITH ACREAGE REPORTS.				VALUE OF ALL CROPS.					
	1909		1899		1909		1899		1909		1899			
	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.
NEW ENGLAND:														
Maine.....	1,588,065	1,543,277	44,788	2.9	\$31,440,942	\$18,432,041	\$13,008,901	70.6	\$39,317,474	\$21,954,054	\$17,363,538	79.1	1,114,903	5,703,943
New Hampshire.....	833,063	688,107	-145,014	-13.8	11,441,698	9,153,332	2,288,366	25.0	15,975,175	12,272,232	3,702,943	30.2	7,826,562	8,365,473
Vermont.....	1,203,795	1,200,513	282	(2)	21,877,448	14,963,548	6,883,900	45.9	27,446,836	18,170,279	9,276,557	51.1	534,844	735,134
Massachusetts.....	654,844	735,134	-80,290	-10.9	27,262,235	19,803,681	7,468,554	36.0	31,948,005	23,157,544	8,790,451	38.0	844,207	92,415
Rhode Island.....	84,207	92,415	-8,208	-8.9	3,410,442	2,679,676	730,766	27.3	3,937,077	3,040,321	896,756	29.5	534,844	604,597
Connecticut.....	534,844	604,597	-69,753	-11.4	19,166,472	14,227,786	4,938,686	34.7	22,487,999	16,625,589	5,862,410	35.3		
MIDDLE ATLANTIC:														
New York.....	8,387,731	9,041,199	-653,468	-7.2	174,475,689	127,872,299	46,603,390	36.4	209,168,236	149,918,353	59,249,883	35.3	1,114,903	1,212,772
New Jersey.....	1,114,903	1,212,772	-97,869	-8.1	37,003,915	24,615,536	12,388,379	50.3	40,340,491	27,916,511	12,423,980	44.5	7,826,562	8,365,473
Pennsylvania.....	7,826,562	8,365,473	-538,913	-6.4	147,853,288	111,233,656	36,721,632	33.0	166,739,898	126,904,141	39,745,757	31.5		
E. NORTH CENTRAL:														
Ohio.....	11,431,610	11,611,165	-182,555	-1.6	215,250,975	141,943,980	73,306,989	51.6	230,337,981	156,822,358	73,485,623	66.9	11,331,335	11,134,726
Indiana.....	11,331,335	11,134,726	196,609	1.8	193,895,392	111,776,411	81,658,981	73.1	204,208,812	127,502,574	81,706,238	46.7	20,273,916	20,519,034
Illinois.....	20,273,916	20,519,034	-245,118	-1.2	362,484,831	207,335,825	155,149,048	74.8	372,270,470	214,822,706	157,447,764	73.3	18,198,578	7,714,715
Michigan.....	8,198,578	7,714,715	483,863	5.9	41,976,000	80,455,649	61,520,551	76.5	162,004,681	92,625,715	69,378,966	74.9	8,555,080	8,214,711
Wisconsin.....	8,555,080	8,214,711	340,369	4.1	134,901,875	81,263,632	53,638,243	66.0	148,359,216	88,142,349	60,216,867	68.3		
W. NORTH CENTRAL:														
Minnesota.....	14,731,464	15,119,570	-388,106	-2.6	185,839,198	112,420,730	73,411,468	65.1	193,451,474	115,654,937	77,796,537	67.2	20,274,925	21,985,377
Iowa.....	20,274,925	21,985,377	-1,710,452	-7.3	304,491,033	188,910,039	115,477,994	61.3	314,666,298	195,032,547	119,113,751	60.9	14,358,588	14,351,177
Missouri.....	14,358,588	14,351,177	7,411	0.1	204,286,256	113,239,960	91,046,356	80.4	220,663,724	121,455,026	99,208,698	81.7	15,888,756	7,821,705
North Dakota.....	15,888,756	7,821,705	8,067,051	103.1	180,279,872	53,911,419	126,368,453	234.4	180,635,520	54,049,817	126,584,703	234.3	12,229,772	8,845,963
South Dakota.....	12,229,772	8,845,963	3,383,809	38.3	124,404,783	44,002,846	80,397,937	182.7	125,507,249	44,175,615	81,331,634	184.1	17,201,265	15,044,428
Nebraska.....	17,201,265	15,044,428	2,186,777	14.5	192,741,710	91,139,437	101,602,273	111.5	196,123,632	92,469,336	103,656,300	112.1	19,900,750	18,077,418
Kansas.....	19,900,750	18,077,418	1,823,332	10.1	110,290,785	101,194,938	9,095,847	9.1	121,859,557	113,522,693	101,336,904	89.3		
SOUTH ATLANTIC:														
Delaware.....	438,522	437,168	1,354	0.3	8,489,539	5,713,085	2,776,454	48.6	9,121,809	6,275,360	2,846,449	45.4	1,931,972	1,940,093
Maryland.....	1,931,972	1,940,093	-8,121	-0.4	39,690,648	25,675,785	12,034,863	43.5	43,920,149	30,216,969	13,703,180	45.4	2,982	3,396
Dist. of Columbia.....	2,982	3,396	-414	-12.2	541,996	667,834	-125,838	-18.8	546,479	669,209	-122,730	-18.3	4,256,226	4,365,537
Virginia.....	4,256,226	4,365,537	-109,311	-2.1	86,434,239	52,160,608	34,273,631	65.9	160,331,157	98,701,742	61,629,415	71.1	1,874,782	1,952,403
West Virginia.....	1,874,782	1,952,403	-77,621	-5.9	31,120,633	20,805,107	10,315,426	59.2	40,474,776	23,696,189	16,778,587	57.1	5,737,037	5,609,144
North Carolina.....	5,737,037	5,609,144	127,893	2.3	127,822,068	62,235,162	65,586,906	105.4	142,890,192	68,624,912	74,265,280	108.2	5,132,845	4,722,175
South Carolina.....	5,132,845	4,722,175	430,670	9.1	136,313,422	56,613,543	79,699,879	140.8	141,983,354	58,890,413	83,092,941	141.1	9,662,383	8,207,240
Georgia.....	9,662,383	8,207,240	1,455,143	16.9	214,463,237	82,450,615	132,012,622	160.1	226,365,430	86,345,343	140,020,087	162.4	1,223,078	1,019,968
Florida.....	1,223,078	1,019,968	203,110	19.9	26,350,280	11,643,966	14,707,314	126.3	19,411,894	19,488,580	22,643,314	167.8		
E. SOUTH CENTRAL:														
Kentucky.....	6,046,819	6,349,926	-303,107	-4.8	125,880,988	72,505,538	53,375,450	73.6	138,972,107	78,962,845	60,010,262	76.0	7,205,239	7,176,786
Tennessee.....	7,205,239	7,176,786	28,453	7.3	135,942,078	70,119,129	65,823,849	69.3	149,287,347	79,745,242	69,542,105	70.6	6,158,719	5,570,880
Alabama.....	6,158,719	5,570,880	587,839	10.6	139,123,139	81,358,341	57,767,798	71.0	147,315,621	81,838,776	62,481,845	73.5		
W. SOUTH CENTRAL:														
Arkansas.....	5,376,484	5,017,894	358,590	7.1	109,322,380	55,431,909	53,900,471	97.2	119,419,025	59,272,712	60,146,813	101.5	3,584,338	3,408,944
Louisiana.....	3,584,338	3,408,944	175,394	5.2	73,062,698	60,959,960	12,102,739	21.9	77,336,143	62,654,545	14,681,600	23.4	11,921,627	6,317,711
Oklahoma.....	11,921,627	6,317,711	5,603,916	88.7	130,502,155	82,477,238	87,728,897	205.1	133,454,405	83,759,824	89,694,581	205.0	18,389,092	15,122,649
Texas.....	18,389,092	15,122,649	3,266,443	21.7	287,293,880	161,842,268	125,453,612	77.5	298,133,666	166,964,711	131,168,955	78.6		
MOUNTAIN:														
Montana.....	1,848,113	1,146,639	702,020	61.3	28,459,747	10,449,769	18,009,978	172.2	29,374,563	10,692,515	18,682,048	177.9	1,638,479	918,124
Idaho.....	1,638,479	918,124	720,355	78.5	32,007,527	8,565,657	23,441,870	273.7	34,357,851	9,267,261	25,090,590	270.7	786,650	435,621
Wyoming.....	786,650	435,621	351,029	80.6	9,791,830	3,065,472	6,696,358	216.3	10,022,901	3,133,723	6,889,238	219.8	2,014,212	1,549,303
Colorado.....	2,014,212	1,549,303	1,064,869	68.7	45,735,093	16,389,714	29,405,379	179.4	50,974,958	16,970,588	34,004,370	200.4	632,769	196,023
New Mexico.....	632,769	196,023	436,746	222.8	8,076,854	2,798,108	5,278,746	188.7	8,925,397	3,044,567	5,879,830	191.2	180,982	150,781
Arizona.....	180,982	150,781	40,201	26.7	4,958,938	2,249,407	2,709,531	120.5	5,496,872	2,472,348	3,024,524	122.3	755,370	669,824
Utah.....	755,370	669,824	85,546	12.8	17,488,271	7,794,365	9,693,906	124.4	18,484,615	8,242,985	10,241,630	124.2	392,847	326,526
Nevada.....	392,847	326,526	66,321	20.2	5,780,037	2,845,966	2,934,941	103.2	5,923,536	2,887,669	3,035,867	105.1		
PACIFIC:														
Washington.....	3,431,273	1,901,841	1,529,892	80.5	70,770,261	21,487,785	49,282,476	229.0	78,927,923	23,532,903	55,394,020	235.4	2,281,288	2,007,836
Oregon.....	2,281,288	2,007,836	273,452	12.5	42,293,157	19,396,848	22,896,309	118.4	49,040,725	21,806,687	27,234,038	124.9	4,924,733	6,434,434
California.....	4,924,733	6,434,434	-1,509,701	-23.5	100,409,039	64,383,063	35,825,976	55.5	153,111,013	85,365,712	67,745,301	60.6		

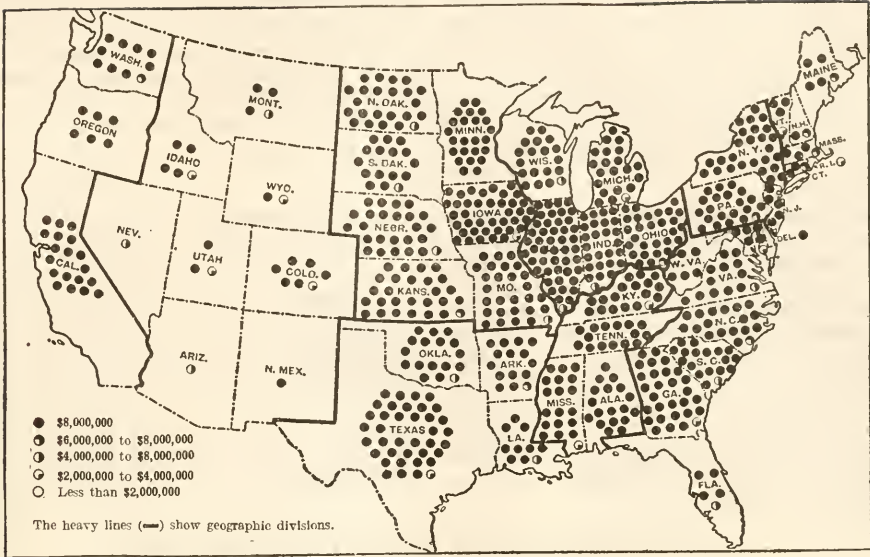
1 A minus sign (-) denotes decrease.

2 Less than one-tenth of 1 per cent.

3 Includes Indian Territory.

ALL FARM CROPS.

VALUE, BY STATES: 1909.



Sale and purchase of crops suitable for feeding animals: 1909.—In the case of some minor crops the entire product, or the larger part of it, is usually retained upon the farm for family consumption; this is notably true of vegetables. Of certain other crops practically the entire quantity, except such as is required for seed, is sold. These crops, which are frequently referred to as money crops, are mainly intended for human consumption, direct or indirect. Cotton, tobacco, sugar cane, hemp, hops, and to a slightly less extent wheat, are examples. Besides crops of these two classes, there are several crops, the most important being corn, oats, barley, and hay and forage, which are used chiefly as feed for animals. A majority of the farmers who raise these crops retain the entire product or a considerable proportion of it for their

own animals; others sell their surplus mainly for consumption by animals in cities, towns, and villages, or by animals on farms where such crops are not raised or are raised only in small quantities.

At the census of 1910 the agricultural schedules contained inquiries designed to ascertain not only the quantity and value of the leading "feedable" crops produced, but also the quantity and value of such crops sold and the amounts expended by farmers for the purchase of feed for animals. Table 12 presents statistics of such sales and purchases by geographic divisions and sections, and Table 15 shows them in less detail by states. It is probable that these statistics are somewhat less accurate than those of crop production, and are on the whole an understatement both of sales and of purchases.

Table 12

DIVISION OR SECTION.	Amount expended for feed: 1909	Receipts from sale of feedable crops: 1909	EXCESS OF RECEIPTS FROM SALE OVER AMOUNT EXPENDED. ¹		RECEIPTS FROM SALE OF SPECIFIED FEEDABLE CROPS: 1909							
			Amount.	Per cent.	Corn.		Oats.		Barley.		Hay and forage.	
					Quantity (bushels).	Amount received.	Quantity (bushels).	Amount received.	Quantity (bushels).	Amount received.	Quantity (tons).	Amount received.
United States	\$299,839,857	\$509,253,522	\$209,413,665	41.1	460,572,574	\$255,191,944	261,325,372	\$107,242,768	75,297,901	\$41,314,430	10,679,399	\$105,564,379
New England.....	34,613,964	4,346,047	*30,267,917	89.3	145,814	100,552	384,423	217,379	9,456	8,272	272,594	4,019,544
Middle Atlantic.....	54,699,944	21,584,058	*33,115,886	60.3	4,419,668	3,007,230	4,551,876	2,387,688	326,628	214,002	1,116,016	15,975,138
East North Central.....	40,611,121	195,663,014	155,051,893	79.2	197,015,428	107,806,684	128,033,438	51,279,242	10,858,789	6,457,495	2,981,159	30,119,593
West North Central.....	76,207,557	174,405,989	98,198,432	56.3	190,410,330	100,638,243	94,511,652	36,678,588	43,056,403	21,221,923	2,343,803	15,866,935
South Atlantic.....	19,255,280	14,677,355	*4,577,925	*31.2	12,815,516	9,781,438	1,588,083	1,034,972	20,426	18,968	291,175	3,811,952
East South Central.....	15,607,073	15,688,379	76,706	0.5	17,408,876	11,939,973	1,503,258	788,448	22,085	14,771	238,791	2,593,187
West South Central.....	24,723,146	28,940,377	4,217,231	14.6	36,880,404	20,840,778	7,389,274	3,434,317	69,829	627,184	4,623,124	
Mountain.....	13,204,599	20,830,896	7,626,387	36.6	998,458	651,255	12,164,190	5,927,921	3,741,866	2,106,933	1,417,308	12,144,767
Pacific.....	20,820,563	33,120,807	12,200,244	36.8	480,080	375,391	11,178,876	5,495,414	17,186,919	11,229,863	1,451,369	16,020,139
The North	206,128,086	395,999,708	189,871,022	47.9	391,991,240	211,553,106	227,501,689	90,563,697	54,231,076	27,901,692	6,763,572	65,981,210
The South	59,586,099	59,302,111	*283,988	*0.5	67,102,796	42,612,189	10,480,617	5,235,737	118,340	75,922	1,047,150	11,358,263
The West	34,125,672	53,951,703	19,826,631	36.7	1,478,538	1,026,646	23,343,066	11,429,355	20,928,483	13,336,810	2,808,677	28,164,906
East of the Mississippi.....	164,784,082	231,955,453	57,171,371	34.6	231,803,302	132,686,277	136,081,080	55,706,229	11,243,184	6,713,533	4,889,735	56,849,414
West of the Mississippi.....	135,055,775	277,298,069	122,242,294	47.5	228,769,272	122,505,667	125,244,292	51,536,540	64,054,717	34,600,897	5,789,664	48,654,965

¹ An asterisk (*) indicates an excess of expenditures over receipts from sales.

The total amount reported by farmers as received during 1909 from the sale of corn, oats, barley, and hay and forage was \$509,254,000. The amount reported by farmers as expended for feed for live stock was \$299,840,000. The excess of receipts from sale over expenditures for purchase was \$209,414,000, or 41.1 per cent. This excess should represent in a rough way the value of crops of this character sold by farmers for consumption by animals in cities, towns, and villages, for export, or for human consumption in the United States.

Marked differences appear among the geographic divisions with respect to the relation of sales of feedable crops to purchases. In the East and West North Central divisions there was in 1909 a great excess of sales over purchases, while in the New England and Middle Atlantic divisions the sales were much less than the purchases, in the South Atlantic division considerably less, and in the East South Central division practically the same. In other words, in the northeastern divisions, and in parts of the South, the farmers do not raise enough feed for their own animals, but have to supply the deficiency by purchase from other sections of the country.

The total value of the corn, oats, barley, and hay and forage produced during 1909 was \$2,769,715,000, so that the value of such crops sold represents only 18.4 per cent of the total. Of the total quantity of corn produced, less than one-fifth was reported as sold; of oats slightly more than one-fourth; of barley about two-fifths; and of hay and forage only a little more than one-tenth. For further details see Table 13.

Table 13

DIVISION OR SECTION.	PER CENT OF TOTAL PRODUCTION REPORTED AS SOLD: 1909			
	Corn.	Oats.	Barley.	Hay and forage.
United States.....	18.0	23.9	43.4	11.0
New England.....	1.8	5.2	2.3	5.8
Middle Atlantic.....	6.3	7.1	15.8	9.9
East North Central.....	23.3	34.3	40.7	14.6
West North Central.....	19.1	21.8	43.5	6.6
South Atlantic.....	7.1	7.5	6.5	9.6
East South Central.....	8.3	12.9	18.4	9.3
West South Central.....	15.8	27.1	38.5	15.6
Mountain.....	13.6	30.0	38.2	16.6
Pacific.....	21.0	39.6	49.6	19.9
The North.....	20.4	25.9	42.3	9.3
The South.....	10.8	17.4	16.6	11.8
The West.....	15.4	33.9	47.1	18.0
East of the Mississippi.....	17.7	28.4	37.8	11.7
West of the Mississippi.....	18.5	23.7	44.6	10.4

EXPENDITURES FOR LABOR AND FERTILIZERS ON FARMS.

Expenditures for labor: 1909 and 1899.—The schedules of the Twelfth and Thirteenth Censuses contained inquiries as to the amount paid by farmers for hired labor during the year preceding the taking of the census. No attempt was made to ascertain the number of persons hired. In many cases farmers hire labor only for a few days or a few weeks during the year and it would be impossible to determine the true average number employed for the year; and the actual number employed on any selected date, even if ascertained correctly, might be by no means typical of average conditions throughout the year. The schedule inquiry as to wages distinguished between money pay-

ment and the value of house rent and board furnished. It is probable that the latter item is, in general, less correctly reported than the former, and that it is in most cases somewhat understated. The two classes of payment are combined in most of the tables.

Table 14 presents statistics regarding expenditures for labor for each geographic division and section. As an aid to interpreting the data, the distribution of the total and of the improved acreage of farm land among the divisions and sections by percentages is also shown.

The amounts paid for labor in individual states, together with other data, are shown in Table 15.

DIVISION OR SECTION.	AMOUNT EXPENDED FOR LABOR.				AMOUNT EXPENDED FOR FERTILIZERS.				PER CENT OF UNITED STATES TOTAL.									
	1909	1899	Increase.		1909	1899	Increase. ¹		1909	1899	Amount expended for labor.		Amount expended for fertilizers.		All land in farms.		Improved land in farms.	
			Amount.	Per cent.			Amount.	Per cent.			1909	1899	1909	1899	1910	1900	1910	1900
	1909	1899	Amount.	Per cent.	1909	1899	Amount.	Per cent.	1909	1899	1910	1900	1910	1900				
United States.....	\$651,611,287	\$357,391,930	\$294,219,357	82.3	\$114,882,541	\$53,430,910	\$61,451,631	115.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
New England.....	34,599,407	20,737,980	13,772,427	66.4	9,407,759	4,297,705	5,110,054	118.9	5.3	5.8	8.2	8.0	2.2	2.5	1.5	2.0		
Middle Atlantic.....	78,024,579	59,469,890	18,554,689	54.6	18,221,474	11,344,290	6,877,184	68.6	12.0	14.1	15.9	21.2	4.9	5.3	6.1	7.4		
East North Central.....	117,880,195	67,559,520	50,320,675	74.5	8,058,881	5,866,520	2,192,361	37.4	18.1	18.9	7.0	11.0	13.4	13.9	18.6	20.9		
West North Central.....	135,924,234	75,764,460	60,159,774	79.4	983,216	1,407,175	-423,959	-30.1	20.9	21.2	0.9	2.6	26.5	24.0	34.3	32.7		
South Atlantic.....	66,607,245	37,086,040	29,521,205	79.6	59,625,130	22,732,670	36,892,460	102.3	10.2	10.4	51.9	45.5	11.8	12.4	10.1	11.1		
East South Central.....	35,908,883	19,575,416	15,733,467	80.4	12,901,239	5,337,708	7,563,531	141.7	5.4	5.5	11.2	10.0	9.3	9.7	9.2	9.7		
West South Central.....	59,880,738	29,871,225	30,109,513	100.8	3,225,927	1,374,116	1,851,811	134.8	9.2	8.4	2.8	2.6	19.2	21.0	12.2	9.6		
Mountain.....	46,939,012	20,372,255	26,566,757	130.4	159,342	77,116	82,226	106.6	7.2	5.7	0.1	0.1	6.8	5.5	3.3	2.0		
Pacific.....	76,148,994	35,968,144	40,480,850	112.5	2,299,573	993,610	1,305,963	131.4	11.7	10.1	2.0	1.9	5.8	5.7	4.6	4.5		
The North.....	306,326,415	214,518,850	151,807,565	70.8	36,671,330	22,915,690	13,755,640	60.0	56.2	60.0	31.9	42.9	47.1	45.6	60.6	63.0		
The South.....	161,896,866	86,532,611	75,364,185	87.1	75,752,296	29,444,494	46,307,802	157.3	24.8	24.2	65.9	55.1	40.3	43.2	31.5	30.4		
The West.....	123,388,066	56,349,399	67,047,607	119.0	2,438,915	1,070,726	1,368,189	129.6	18.9	15.8	2.1	2.0	12.6	11.2	7.9	6.6		
East of the Mississippi.....	332,318,309	195,415,846	136,902,463	70.1	108,214,453	49,578,893	58,635,560	118.3	49.0	54.7	94.2	62.8	41.7	43.8	45.6	51.1		
West of the Mississippi.....	319,292,978	161,976,084	157,116,894	97.1	6,668,068	3,852,017	2,816,041	73.1	51.0	45.3	5.5	5.3	7.2	56.3	56.2	54.8	49.9	

¹ A minus sign (-) denotes decrease.

The total amount reported as expended for farm labor (including the value of rent and board furnished) in the country as a whole in 1909 was \$651,611,000, as compared with \$357,392,000 in 1899—an increase

of 82.3 per cent. This increase is due in part to higher rates of wages, and in part to employment of additional laborers, or employment for longer periods of time.

Table 15						Table 15							
AMOUNT EXPENDED BY FARMERS FOR—						AMOUNT EXPENDED BY FARMERS FOR—							
STATE.	Labor.		Fertilizers.		Feed.	RECEIPTS FROM SALE OF FEED-ABLE CROPS.	STATE.	Labor.		Fertilizers.		Feed.	RECEIPTS FROM SALE OF FEED-ABLE CROPS.
	1909	1899	1909	1899	1909			1909	1899	1909	1899	1909	
	New England:												
Maine.....	85,633,106	\$2,667,260	\$4,069,479	\$819,680	\$7,267,854	\$1,567,463							
New Hampshire.....	3,374,120	2,304,520	512,586	367,980	4,614,938	447,535							
Vermont.....	4,748,003	3,138,140	570,752	447,065	4,788,703	966,276							
Massachusetts.....	12,101,659	7,487,280	1,965,682	1,820,600	10,878,178	738,987							
Rhode Island.....	1,761,594	1,032,360	335,103	264,140	1,678,183	116,079							
Connecticut.....	6,831,919	4,103,420	1,954,163	1,078,240	5,416,106	510,307							
Middle Atlantic:													
New York.....	41,312,014	27,102,130	7,142,265	4,493,050	29,545,703	10,349,457							
New Jersey.....	11,697,727	6,720,030	4,277,604	2,165,320	5,947,181	2,076,984							
Pennsylvania.....	25,611,838	16,647,730	6,801,605	4,686,920	19,203,100	9,157,120							
E. N. CENTRAL:													
Ohio.....	25,631,185	14,502,600	4,180,485	2,695,470	8,445,761	31,396,130							
Indiana.....	17,682,079	9,685,540	2,189,695	1,553,710	6,803,901	32,749,631							
Illinois.....	36,308,376	22,382,550	615,594	830,660	11,918,628	104,425,194							
Michigan.....	19,063,682	10,717,220	945,354	492,300	5,682,915	12,234,203							
Wisconsin.....	16,185,473	10,468,610	127,753	294,320	5,672,916	14,857,856							
W. N. CENTRAL:													
Minnesota.....	22,330,149	16,657,820	74,653	251,129	5,041,925	10,741,965							
Iowa.....	24,781,562	16,375,670	109,570	387,190	18,582,251	57,034,312							
Missouri.....	18,644,695	9,803,610	671,073	370,630	17,148,008	20,077,983							
North Dakota.....	21,740,149	9,207,220	10,003	13,853	2,003,028	6,679,840							
South Dakota.....	12,831,944	5,328,070	11,294	12,969	3,049,225	16,373,129							
Nebraska.....	15,028,468	7,890,160	31,021	153,860	12,567,838	31,557,632							
Kansas.....	20,567,237	10,792,910	75,622	265,360	11,815,252	22,911,128							
SOUTH ATLANTIC:													
Delaware.....	1,612,471	1,075,960	864,577	539,040	337,841	713,022							
Maryland.....	8,802,172	5,715,520	3,387,634	2,618,890	2,445,065	3,240,590							
Dist. Columbia.....	238,833	197,420	16,975	22,600	130,077	180							
Virginia.....	13,354,194	7,790,720	6,932,455	3,681,790	3,504,660	3,753,316							
SOUTH ATLANTIC—Continued.													
West Virginia.....	\$4,035,764	\$2,041,560	\$528,937	\$405,270	\$1,938,233	\$1,212,228							
North Carolina.....	9,220,564	5,444,850	2,262,533	4,479,030	3,151,190	2,061,783							
South Carolina.....	10,770,758	6,107,100	15,162,917	4,494,410	1,830,815	1,164,874							
Georgia.....	18,218,113	7,244,520	16,800,149	5,738,520	4,097,043	2,045,033							
Florida.....	5,354,870	1,466,290	3,609,853	753,120	1,820,356	486,329							
E. S. CENTRAL:													
Kentucky.....	12,243,851	6,613,330	1,350,720	908,250	4,014,908	6,282,120							
Tennessee.....	8,448,059	4,730,570	2,126,256	898,070	3,570,551	6,713,697							
Alabama.....	7,454,748	4,914,460	7,630,352	2,599,290	4,041,486	1,744,732							
Mississippi.....	7,162,225	3,917,250	2,703,271	932,098	3,980,638	943,830							
W. S. CENTRAL:													
Arkansas.....	7,654,571	3,171,000	596,553	172,510	4,275,587	2,700,007							
Louisiana.....	16,704,123	10,692,710	2,004,919	1,075,806	5,784,140	1,515,043							
Oklahoma.....	9,837,541	3,675,520	29,092	.....	5,863,373	16,430,110							
Texas.....	25,784,501	12,331,905	595,363	124,716	10,800,046	8,295,157							
MOUNTAIN:													
Montana.....	10,930,477	5,077,340	12,323	3,940	1,741,071	3,942,518							
Idaho.....	6,701,604	2,250,540	20,737	17,150	2,122,709	5,275,620							
Wyoming.....	6,174,163	2,615,230	5,302	12,700	1,508,820	1,238,522							
Colorado.....	10,818,465	4,100,905	61,113	23,225	4,592,799	5,010,168							
New Mexico.....	3,645,423	1,951,110	25,371	2,880	1,327,037	1,445,863							
Arizona.....	2,504,984	1,152,670	6,080	2,921	541,371	1,445,838							
Utah.....	3,169,917	1,837,900	20,037	14,300	727,409	1,336,199							
Nevada.....	2,938,978	1,386,650	8,379	.....	443,258	1,136,968							
PACIFIC:													
Washington.....	15,370,931	5,280,190	87,023	29,165	5,045,297	7,277,118							
Oregon.....	11,101,864	4,842,834	68,557	27,395	3,198,363	4,514,161							
California.....	49,976,199	25,845,120	2,143,963	937,650	12,676,903	21,329,528							

¹Includes Indian Territory.

The distribution of the payments for labor among the geographic divisions does not conform very closely to the distribution of the total acreage of farms, or of the improved acreage. In particular, the New England, Middle Atlantic, Mountain, and Pacific divisions report a larger proportion of the total expenditures for labor than of either of the other items mentioned, while the East and West South Central divisions report a much smaller proportion. These differences are probably due partly to differences in the prevailing rate of wages, but more largely to differences in the method of managing farms. Thus

in the South there is less hired labor because of the prevalence of small tenant farms.

These differences among the divisions in the extent to which farmers hire labor are further brought out by Table 16, which shows for 1909 the proportion which the farms in each division which reported expenditures for labor in 1909 form of the total number of farms and the average expenditure per farm reporting. As a guide to the interpretation of this average, the average size of all farms in each division is shown, it being impossible to state the average size of the farms which hire labor.

DIVISION OR SECTION.	EXPENDITURES FOR LABOR.								EXPENDITURES FOR FERTILIZERS.				AVERAGE ACREAGE PER FARM.			
	Per cent farms reporting form of all farms 1909	Average per farm reporting form of all farms 1909	Average per acre. ¹				Per cent farms reporting form of all farms 1909	Average per farm reporting form of all farms 1909	Average per acre. ¹				All land in farms.		Improved land in farms.	
			All land in farms.		Improved land in farms.				All land in farms.		Improved land in farms.		1910	1900	1910	1900
			1909	1899	1909	1899			1909	1899	1909	1899				
United States.....	45.9	\$223	\$0.74	\$0.43	\$1.36	\$0.86	28.7	\$63	\$0.13	\$0.06	\$0.24	\$0.13	138.1	148.2	75.2	72.2
New England.....	66.0	277	1.75	1.01	4.76	2.55	60.9	82	0.48	0.21	1.30	0.53	104.4	107.1	38.4	42.4
Middle Atlantic.....	65.8	253	1.13	1.13	2.66	1.64	57.1	68	0.42	0.25	0.62	0.37	92.2	92.4	62.6	63.4
East North Central.....	52.7	199	1.00	0.88	1.53	0.78	19.6	37	0.07	0.09	0.07	0.05	105.0	102.4	79.2	76.3
West North Central.....	51.0	240	0.88	0.88	0.82	0.56	2.1	41	(?)	0.01	0.01	0.01	289.6	189.5	148.0	127.9
South Atlantic.....	42.2	142	0.64	0.36	1.37	0.80	69.2	77	0.57	0.22	1.23	0.49	93.3	108.4	43.6	47.9
East South Central.....	31.6	107	0.43	0.24	0.80	0.49	33.8	37	0.16	0.07	0.29	0.13	78.2	89.9	42.2	44.5
West South Central.....	35.6	178	0.35	0.17	1.03	0.75	6.4	53	0.02	0.01	0.06	0.03	179.3	253.8	61.8	52.7
Mountain.....	46.8	347	0.79	0.44	2.95	2.42	1.3	67	(?)	(?)	0.01	0.01	324.5	457.9	86.8	82.9
Pacific.....	58.0	694	1.49	0.76	3.47	1.92	6.4	189	0.04	0.02	0.10	0.05	270.3	334.8	116.1	132.5
The North.....	55.1	230	0.80	0.56	1.26	0.82	21.7	59	0.09	0.06	0.13	0.09	143.0	133.2	100.3	90.9
The South.....	36.6	143	0.46	0.24	1.07	0.69	38.2	64	0.21	0.08	0.50	0.23	114.4	138.2	48.6	48.1
The West.....	52.5	630	1.11	0.60	3.25	2.07	3.9	169	0.02	0.01	0.06	0.04	296.9	361.1	101.7	111.8
East of the Mississippi.....	46.4	182	0.61	0.53	1.52	0.92	43.8	63	0.30	0.13	0.50	0.23	83.0	90.8	55.4	57.6
West of the Mississippi.....	45.3	291	0.62	0.34	1.23	0.80	4.1	67	0.02	0.01	0.03	0.02	211.3	229.0	107.4	98.4

¹ Based on acreage in 1910 of all farms and not of those hiring labor.

² Less than 1 cent.

The table further shows for 1909 and 1899 the average expenditure for labor per acre of land in farms and per acre of improved land in farms, both of these averages being based on the acreage of all farms and not that of farms reporting expenditures for labor. From the figures given it appears that of the farms in the New England division 66 per cent hired labor in 1909, the average expenditure per farm reporting being \$277, while in the East South Central division, where there are many small tenant farms, only 31.6 per cent of all farms hired labor, and the average expenditure per farm was only \$107.

Table 17 distinguishes between money payment for labor and the value of house rent and board furnished.

For the United States as a whole, 80.1 per cent of the total amount expended for labor in 1909 was in the form of cash, the remainder (19.9 per cent) representing the value of rent and board furnished.

Table 17

AMOUNT EXPENDED FOR LABOR: 1909

DIVISION.	Total.		Cash.		Rent and board furnished.	
	Total.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
United States.....	\$651,611,287	\$521,729,941	80.1	\$129,881,348	19.9	
New England.....	34,500,407	27,603,492	80.0	6,896,915	20.0	
Middle Atlantic.....	78,021,579	59,913,169	76.8	18,108,410	23.2	
East North Central.....	117,880,195	91,591,170	77.7	26,289,025	22.3	
West North Central.....	135,324,254	105,023,453	77.9	30,300,781	22.7	
South Atlantic.....	66,607,245	55,413,285	83.2	11,193,960	16.8	
East South Central.....	35,308,883	28,662,434	81.2	6,646,449	18.8	
West South Central.....	59,980,738	52,219,927	87.1	7,760,811	12.9	
Mountain.....	46,309,012	37,834,552	79.6	8,474,460	20.4	
Pacific.....	76,418,934	63,918,359	83.6	12,500,575	16.4	

Expenditures for fertilizers: 1909 and 1899.—At the last two censuses the agricultural schedules contained inquiries as to the amount expended for fertilizers. These expenditures are made chiefly for commercial or artificial fertilizers, but to some extent for the purchase of manure or other natural fertilizers derived chiefly from cities, towns, and villages. Table 14 presents data regarding expenditures for fertilizers by geographic divisions and sections. Less detailed data for each state appear in Table 15.

THE CEREALS.

Considered as an aggregate the cereals are, both in acreage and value, the most important of the crops of the United States. In 1909 they occupied 40 per cent of all improved farm land, and contributed 48.6 per cent of the value of all crops. The acreage, production, and value of the combined cereals in 1909, with comparative figures for 1899, are given in Table 21.

Attention has already been called to the large share which the two North Central divisions have in the acreage of cereals. With upwards of 126,000,000 acres in 1909 these two divisions contained nearly two-thirds of the total cereal acreage of the country, though at the same time it should be noted that these

The total amount reported as spent for fertilizers by the farmers of the United States in 1909 was \$114,883,000, an increase of 115 per cent as compared with the expenditure in 1899.

There is a wide diversity among the sections of the country with reference to the practice of buying fertilizers. The great bulk of the expenditure reported in 1909 was in New England, the Middle Atlantic division, the states of Ohio and Indiana in the East North Central division, the South Atlantic division (which reported more than half of the total), and the East South Central division. In the other sections of the country the fertility of the soil, in so far as any attempt is made to conserve it, is usually maintained rather by rotation of crops, letting the land lie fallow, or using manure derived from live stock. Differences in the character of the soil and in the kinds of crops raised have a direct bearing on the use of commercial fertilizers. The South Atlantic division shows a higher rate of increase in expenditures for fertilizers (162.3 per cent) between 1899 and 1909 than any other. In the West North Central division, where the expenditures for fertilizers at both censuses were very low, they were considerably less in 1909 than in 1899.

The percentages and averages in Table 16 show further the differences among the geographic divisions with respect to the practice of buying fertilizers. In the country as a whole in 1909, 28.7 per cent of the farms bought fertilizers, the average expenditure per farm being \$63. In the South Atlantic division 69.2 per cent of all the farms reported some expenditure for fertilizers in 1909, the average per farm reporting being \$77, while in the West North Central division only 2.1 per cent of the farms bought fertilizers, and the average amount spent per farm was only \$41, notwithstanding the fact that the farms of this section average much larger than those in the South Atlantic division. The expenditures for fertilizers in the South Atlantic division were equal to \$1.23 for each acre of improved land in farms (based on all farms and not merely those reporting expenditures for fertilizers), while in the West North Central division the corresponding average was only \$0.01.

divisions contained slightly more than one-half of all the improved farm land. Seven states—Illinois, Kansas, Iowa, Nebraska, North Dakota, Missouri, and Minnesota—with an aggregate of 92,000,000 acres, contained nearly one-half of the total acreage in cereals in 1909.

Comparing 1909 with 1899, the figures for the United States as a whole show an increase of 3.5 per cent in the acreage of cereals and of only 1.7 per cent in production, the difference in the rate of increase being due to a slightly smaller production per acre. During the decade the population increased 21 per cent, while the per capita production of cereals, which in 1899 was 58.4 bushels, was in 1909 only 49.1 bushels. With a

production only slightly larger, the value of the cereal crop in 1909 exceeded that in 1899 by \$1,183,000,000, or 79.8 per cent.

The slight gain which has been noted in the cereal acreage was far from being evenly distributed throughout the country. Indeed, all divisions east of the Mississippi River lost in acreage, the aggregate loss being over 6,000,000 acres. West of the Mississippi River, on the other hand, all divisions except the Pacific increased their acreage, with a net gain of over 12,000,000 acres. Twenty-seven states had a smaller acreage of cereals in 1909 than in 1899. Of the seven leading states mentioned above, North Dakota increased its acreage enormously during the decade, Kansas made a considerable, and Nebraska a slight gain, but in Illinois, Iowa, Minnesota, and Missouri decreases occurred.

The distribution of production throughout the several divisions and the increase or decrease from one year to another follow the conditions observed in regard to acreage approximately, but not exactly, since variations in the average yield in different sections make some changes in the proportions. For the United States as a whole the production was practically the same in 1909 as in 1899, with an increase of only 1.7 per cent in the later year as compared with the earlier.

Twenty-one states reported a smaller production in 1909 than in 1899. Of the seven leading states, North Dakota shows an increase in production even greater relatively than that in acreage, and Minnesota shows a slight increase in production, in spite of a decrease in acreage, while Illinois, Kansas, Iowa, Nebraska, and Missouri show a decrease in production, though Kansas and Nebraska gained in acreage.

Table 21 shows that the remarkable increase in the value of the cereal crop disclosed by the census generally was shared by all divisions. In only one state, California, was there any decrease in the value of the cereal production in 1909 as compared with 1899. Elsewhere the general advance in values more than offset such losses as occurred in production.

While the cereals will later be discussed individually, it is of interest to consider here the relative importance of the different crops. This is shown in Table 18, which gives for the United States and for each geographic division and section the percentage of the aggregate cereal acreage which was occupied by each crop in 1909.

In the United States as a whole a little more than one-half of the acreage devoted to cereals is in corn, a little less than one-fourth in wheat, and somewhat more than one-sixth in oats. In each of the nine divisions except the Pacific the three leading cereals—corn, wheat, and oats—occupy, as in the United States at large, much more than three-fourths of the total cereal acreage. In the Pacific states the acreage of corn is insignificant and that of barley exceeds that

of oats. Corn occupies the leading place in the important cereal producing regions, but in the New England and Middle Atlantic divisions the first place is held by oats, and in the Pacific and Mountain divisions by wheat. The cereals included under the head of "all other" in the final column of the table are emmer and spelt, kafir corn, and rice. The share of these in the aggregate acreage in most divisions is slight, but in the West South Central division kafir corn occupies 5.7 per cent and rice 3 per cent of the total cereal acreage.

Table 18 PER CENT OF TOTAL CEREAL ACREAGE (1909) IN—

DIVISION OR SECTION.	PER CENT OF TOTAL CEREAL ACREAGE (1909) IN—							
	All cereals.	Corn.	Wheat	Oats.	Barley.	Rye.	Buck-wheat. All other.	
United States.....	100.0	51.4	23.1	18.4	4.0	1.1	0.5	1.5
New England.....	100.0	38.9	1.0	47.6	3.5	2.8	6.1	(1)
Middle Atlantic.....	100.0	29.1	21.5	33.9	1.2	6.4	8.0	(1)
East North Central.....	100.0	51.8	16.6	26.5	2.4	2.3	0.3	(1)
West North Central.....	100.0	42.9	30.9	18.8	5.7	0.6	(1)	1.1
South Atlantic.....	100.0	74.5	14.7	9.0	0.1	1.0	0.6	0.2
East South Central.....	100.0	85.4	9.7	6.4	(1)	0.4	(1)	8.8
West South Central.....	100.0	76.6	8.0	6.6	0.1	(1)	(1)	2.9
Mountain.....	100.0	13.8	38.3	34.7	9.3	1.0	(1)	2.9
Pacific.....	100.0	1.6	57.9	13.8	25.4	0.4	(1)	0.8
The North.....	100.0	45.0	25.8	22.2	4.4	1.4	0.6	0.7
The South.....	100.0	77.9	10.6	7.3	0.1	0.4	0.2	3.6
The West.....	100.0	6.1	50.7	21.5	19.5	0.6	(1)	1.5
East of the Mississippi.	100.0	59.4	15.4	20.5	1.4	2.1	1.1	(1)
West of the Mississippi.	100.0	45.8	28.5	16.9	5.8	0.5	(1)	2.5

¹ Less than one-tenth of 1 per cent.

In the South corn occupies over three-fourths of the total cereal acreage, but in the North the proportion is less than one-half. In both of these sections wheat is second in importance, with oats a close third. In the West, however, wheat occupies one-half the cereal acreage, and oats and barley each about one-fifth, while the acreage of corn is insignificant.

Table 19 shows the distribution of the total acreage of each particular crop among the different geographic divisions and sections.

Table 19 PER CENT OF TOTAL ACREAGE IN THE UNITED STATES: 1909

DIVISION OR SECTION.	PER CENT OF TOTAL ACREAGE IN THE UNITED STATES: 1909						
	All cereals.	Corn.	Wheat	Oats.	Barley.	Rye.	Buck-wheat.
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	0.2	0.2	(1)	0.6	0.2	0.6	3.3
Middle Atlantic.....	3.9	2.2	3.6	7.2	1.1	21.5	67.4
East North Central.....	22.1	22.3	15.9	31.9	13.1	44.1	15.9
West North Central.....	43.7	36.5	38.4	44.7	61.9	21.4	3.0
South Atlantic.....	8.0	11.6	3.1	3.9	0.2	7.2	9.7
East South Central.....	7.1	11.5	3.0	2.5	0.1	2.3	0.5
West South Central.....	10.2	15.2	3.5	3.6	0.2	0.3	(1)
Mountain.....	1.8	0.5	2.9	3.3	4.1	1.5	(1)
Pacific.....	3.0	0.1	7.6	2.3	19.2	1.2	0.1
The North.....	70.0	61.2	78.0	84.4	76.3	87.7	89.6
The South.....	23.3	38.2	11.6	10.0	0.5	9.7	10.2
The West.....	4.8	0.6	10.5	5.6	23.2	2.6	0.2
East of the Mississippi.	41.3	47.7	27.6	46.1	14.7	75.7	96.9
West of the Mississippi.	58.7	52.3	72.4	53.9	85.3	24.3	3.1

¹ Less than one-tenth of 1 per cent.

This distribution reflects in part the size of the different divisions and sections of the country, or, rather, the amount of improved land in them. Hence for the three leading cereals, corn, oats, and wheat, the largest proportion of the acreage is found in the West North

Central division and the next largest in the East North Central division. In the acreage of barley the prominence of the West North Central division is even more clearly marked, but the Pacific division shows a larger proportion of the total than the East North Central. The center of buckwheat production is in the Middle Atlantic division, which has more than two-thirds of the total acreage. In the case of rye the East North Central division leads, followed by the Middle Atlantic and West North Central, which have almost identical proportions. Of the acreage of cereals not shown in the table, 95.5 per cent of that in rice is in the West South Central division; 67.7 per cent of that in kafir corn is in the same division; and 91.1 per cent of that in emmer and spelt is in the West North Central division.

About three-fifths of the corn acreage and more than three-fourths of that of each of the other cereals mentioned in the table are in the North. The South has a much larger proportion of the acreage of corn than of that of the other cereals, while the West has nearly one-fourth of the acreage of barley.

Table 20 gives the acreage of the cereal group as a whole and of the several cereal crops, as reported at each census from 1879 to 1909. The distribution of the acreage of all cereals in 1909 among the states is shown by the map below.

The acreage of the cereals increased rapidly during the 20 years preceding 1899, being in that year nearly 45,000,000 greater than in 1889 and 66,000,000 greater than in 1879. In the last decade, however, the increase in the acreage of the cereal crops amounted to

but little more than 6,000,000. Corn and wheat made their greatest gains in the decade ending with 1899, and since that time the increase in the acreage of corn has been relatively small, while the acreage of wheat has fallen off more than 8,000,000. After an increase of over 12,000,000 in the acreage of oats between 1879 and 1889 this crop made a comparatively slight increase in the following 10 years, but in the decade ending with 1909 gained nearly 6,000,000 acres. Of the minor cereals, barley shows a substantial increase in each decade, while the acreage of rye increased about one-sixth between 1879 and 1889, but shows comparatively little change during the next 20 years, and the acreage of buckwheat has remained practically stationary during the 30 years covered by the table. The acreage of rice changed but little during the first decade, but practically doubled during each succeeding one. At each census corn has occupied more than half of the cereal acreage, while wheat has ranked second and oats third.

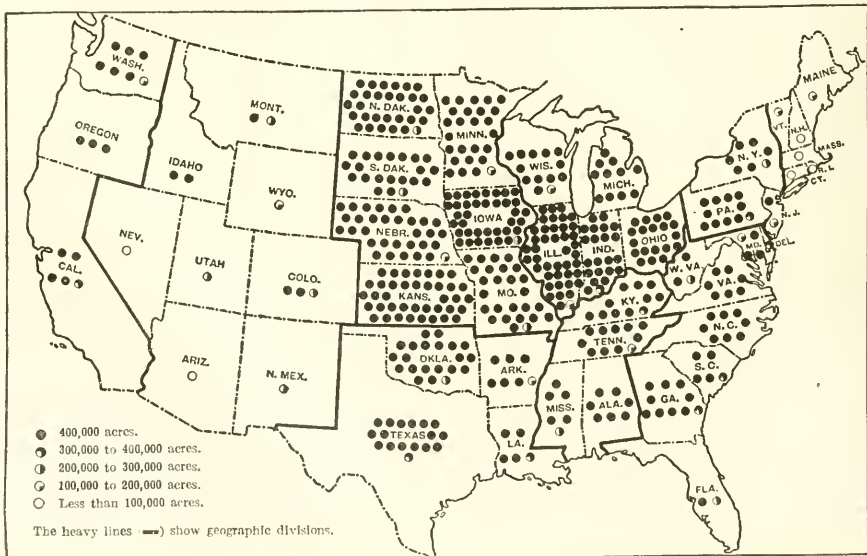
Table 20

CROP.	ACREAGE IN THE UNITED STATES.			
	1909	1899	1889	1879
All cereals.....	191,395,963	184,982,220	140,378,857	118,805,952
Corn.....	98,382,665	94,913,673	72,087,752	62,368,504
Oats.....	35,159,441	29,539,698	28,320,677	18,144,593
Wheat.....	44,262,592	52,588,574	33,579,514	35,430,333
Barley.....	7,698,706	4,470,196	3,220,834	1,997,727
Buckwheat.....	878,048	807,060	837,164	848,389
Rye.....	2,195,561	2,054,292	2,171,604	1,842,233
Rough rice.....	610,175	342,214	161,312	174,173
Emmer and spelt.....	573,622	(1)	(1)	(1)
Kafir corn and milo maize.....	1,635,153	266,513	(1)	(1)

¹ Not reported separately.

ALL CEREALS.

ACREAGE, BY STATES: 1909.



FARM CROPS, BY STATES.

377

ALL CEREALS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease.]

Table 21 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
United States...	191,395,965	184,982,220	6,413,743	3.5	4,512,564,465	4,438,857,013	73,707,452	1.7	\$2,665,539,714	\$1,482,603,049	\$1,182,936,665	79.8
GEOGRAPHIC DIVISIONS:												
New England.....	468,617	808,327	-30,710	-7.3	16,972,973	17,447,477	-474,504	-2.7	10,664,849	7,722,703	2,942,146	38.1
Middle Atlantic.....	7,430,170	8,452,125	-1,021,955	-12.1	182,950,967	213,777,362	-30,827,205	-14.4	123,246,651	92,032,936	31,213,715	33.9
East North Central.....	42,305,757	43,553,749	-1,247,992	-2.9	1,382,640,124	1,371,560,131	11,079,993	0.8	731,015,347	428,860,352	302,208,995	70.6
West North Central.....	83,765,743	75,771,149	7,994,594	10.5	1,936,411,197	1,877,640,699	58,770,498	3.1	1,089,912,479	547,296,135	542,616,344	99.1
South Atlantic.....	15,282,740	16,964,662	-1,681,922	-9.9	231,040,725	230,394,303	646,422	4.8	146,466,951	111,068,436	35,398,515	75.1
East South Central.....	13,575,676	15,601,376	-2,025,700	-13.0	237,766,717	251,846,755	-14,080,038	-5.6	173,832,911	114,349,649	59,483,262	52.0
West South Central.....	19,468,212	15,919,053	3,549,159	22.3	309,793,457	326,732,734	-16,939,247	-5.2	194,958,491	109,968,922	84,989,569	77.3
Mountain.....	3,354,674	1,636,980	1,717,694	104.9	88,929,191	36,715,523	52,213,668	142.2	56,779,935	16,220,286	40,559,649	250.1
Pacific.....	5,894,374	6,577,799	-773,425	-11.8	126,059,954	122,742,029	3,317,925	2.7	90,662,100	55,187,630	35,524,470	64.4
NEW ENGLAND:												
Maine.....	159,616	166,896	-7,280	-4.4	5,395,168	5,291,655	103,513	2.0	3,100,902	2,138,203	962,699	45.0
New Hampshire.....	32,928	42,335	-9,407	-22.2	1,355,965	1,677,225	-321,260	-19.2	579,631	774,243	195,388	13.6
Vermont.....	134,611	160,127	-25,516	-15.9	4,331,467	5,708,140	-1,366,673	-23.8	2,651,877	2,446,585	205,292	8.4
Massachusetts.....	55,267	53,385	1,882	3.5	2,402,738	1,894,035	508,703	26.9	1,617,131	922,127	695,004	75.4
Rhode Island.....	12,112	10,552	1,560	14.8	459,384	350,110	109,274	31.2	376,097	189,657	186,440	98.3
Connecticut.....	74,663	72,032	2,631	2.8	3,008,251	2,526,312	481,939	19.1	2,030,211	1,251,888	787,323	62.9
MIDDLE ATLANTIC:												
New York.....	2,602,461	3,125,077	-522,616	-16.7	69,239,218	80,413,695	-11,174,477	-13.9	43,099,988	34,284,705	8,815,283	25.7
New Jersey.....	503,651	588,853	-85,202	-14.5	14,035,821	15,553,475	-1,517,654	-9.8	9,797,937	6,938,690	2,859,247	41.2
Pennsylvania.....	4,324,058	4,738,195	-414,137	-8.7	99,675,358	117,810,192	-18,134,834	-15.4	70,348,726	50,809,541	19,539,185	38.5
EAST NORTH CENTRAL:												
Ohio.....	7,649,873	8,214,900	-565,027	-6.9	247,749,763	245,957,855	1,791,908	0.7	137,907,934	91,748,320	46,159,614	50.3
Indiana.....	8,752,732	8,471,709	281,023	3.3	281,488,700	249,445,647	32,043,053	12.8	151,898,146	81,858,825	70,039,321	85.6
Illinois.....	16,536,457	16,709,010	-172,553	-1.4	580,954,423	600,107,378	-19,152,955	-3.2	297,823,098	164,784,437	132,738,661	80.6
Michigan.....	4,415,629	4,721,126	-305,497	-6.5	121,862,638	105,359,403	16,503,235	15.7	70,544,250	41,819,042	28,725,208	68.7
Wisconsin.....	4,951,066	5,376,944	-425,878	-7.9	150,584,600	170,689,848	-20,105,248	-11.8	73,141,919	45,995,728	27,446,191	50.6
WEST NORTH CENTRAL:												
Minnesota.....	10,139,850	11,207,069	-1,067,219	-9.5	259,148,531	242,853,903	16,294,628	6.7	140,864,148	85,817,555	55,046,593	64.1
Iowa.....	15,041,039	16,920,095	-1,879,056	-11.1	489,803,118	593,978,358	-104,175,240	-17.5	230,205,315	147,919,076	82,286,239	55.6
Missouri.....	10,255,476	10,423,745	-168,269	-1.6	246,786,288	252,772,272	-5,985,974	-2.4	147,980,414	79,874,841	68,405,573	86.0
North Dakota.....	11,887,141	5,610,374	6,276,767	111.9	177,246,978	90,440,446	86,806,532	140.2	149,133,451	40,126,051	109,007,400	271.7
South Dakota.....	8,203,519	6,211,223	1,992,296	32.1	174,903,749	101,194,100	73,709,649	72.8	98,953,050	34,506,061	64,446,989	186.8
Nebraska.....	12,540,049	12,071,703	468,346	3.9	285,078,947	297,865,366	-12,786,419	-4.3	153,666,652	75,730,442	77,826,210	102.9
Kansas.....	15,638,669	13,326,940	2,311,729	17.3	263,443,581	298,546,254	-35,102,673	-11.8	169,109,449	83,622,109	85,487,340	102.2
SOUTH ATLANTIC:												
Delaware.....	309,258	318,772	-9,514	-3.0	6,648,544	6,775,575	-127,031	-1.9	4,692,329	3,032,513	1,659,816	54.7
Maryland.....	1,829,201	1,368,265	-39,064	-2.9	29,183,197	30,985,936	-1,802,739	-5.8	21,908,730	14,505,992	7,402,738	51.0
District of Columbia.....	429	543	-91	-16.8	13,232	16,300	-3,068	-18.8	9,935	7,039	2,896	41.1
Virginia.....	2,841,114	3,166,332	-325,218	-10.3	50,283,074	49,470,178	812,896	1.6	39,993,929	23,759,479	16,234,450	68.3
West Virginia.....	1,038,931	1,307,428	-268,497	-20.5	22,116,677	23,152,668	-1,035,991	-4.5	15,967,700	11,571,334	4,426,366	38.3
North Carolina.....	3,250,870	3,794,064	-543,194	-14.3	41,117,292	42,090,432	-973,140	-2.3	37,848,797	22,082,175	15,766,622	71.4
South Carolina.....	1,955,695	2,251,050	-295,355	-13.1	27,493,754	22,834,720	4,659,034	20.4	25,434,539	12,722,415	12,712,124	99.9
Georgia.....	3,906,703	4,150,886	-244,183	-5.9	46,536,619	39,372,927	7,163,692	18.2	42,405,019	20,485,157	21,923,862	107.0
Florida.....	6,050,486	607,322	43,164	7.1	7,648,336	5,695,567	1,952,769	34.3	6,175,973	2,906,332	3,269,641	112.5
EAST SOUTH CENTRAL:												
Kentucky.....	4,323,702	5,085,529	-761,827	-15.0	94,836,975	92,422,566	2,414,409	2.6	60,738,651	39,692,771	21,045,880	53.0
Tennessee.....	4,136,647	5,055,328	-918,681	-18.2	79,148,649	82,095,132	-2,946,483	-3.6	55,302,278	36,914,592	18,387,686	49.8
Alabama.....	2,844,824	3,088,454	-243,630	-7.9	34,072,032	37,610,914	-3,538,882	-9.4	30,927,210	18,424,318	12,502,892	67.9
Mississippi.....	2,270,503	2,372,065	-101,562	-4.3	29,709,061	39,718,143	-10,009,082	-25.2	26,864,772	19,317,968	7,546,804	39.1
WEST SOUTH CENTRAL:												
Arkansas.....	2,564,898	2,980,684	-415,786	-13.9	42,655,839	50,527,455	-7,871,616	-15.6	31,262,922	20,233,270	11,029,652	54.5
Louisiana.....	1,938,357	1,573,759	364,598	23.2	37,273,196	28,594,874	8,678,322	30.4	24,786,984	14,491,796	10,295,188	71.0
Oklahoma.....	8,248,653	14,431,819	-6,183,166	-61.1	129,816,483	110,318,982	20,497,501	29.4	71,798,662	28,111,290	43,687,372	155.4
Texas.....	6,716,304	6,932,791	-216,487	-3.1	100,047,969	147,291,423	-47,243,454	-32.1	67,109,923	47,132,566	19,977,357	42.4
MOUNTAIN:												
Montana.....	635,807	254,231	381,576	150.1	21,239,157	7,599,180	13,639,977	179.5	12,251,345	3,267,726	8,983,619	274.9
Idaho.....	847,138	369,788	477,350	129.1	26,528,174	8,394,800	18,133,374	216.0	16,026,676	3,212,387	12,814,289	398.9
Wyoming.....	186,947	50,528	136,419	270.0	4,523,310	1,195,775	3,327,535	278.3	2,174,502	528,481	2,216,021	419.3
Colorado.....	1,057,905	525,299	532,606	101.2	22,322,328	10,501,528	11,820,800	112.6	14,787,519	4,700,271	10,087,248	214.6
New Mexico.....	218,037	96,402	121,635	126.4	2,975,383	1,653,102	1,322,281	80.0	2,382,996	979,903	1,403,093	143.2
Arizona.....	75,209	53,958	21,311	39.5	1,878,960	1,147,262	731,698	63.8	1,570,853	673,639	897,214	133.2
Utah.....	298,613	255,699	42,914	16.8	8,296,625	5,381,125	2,915,500	54.2	6,092,281	2,386,789	3,705,492	155.3
Nevada.....	34,958	31,075	3,883	12.5	1,165,254	842,751	322,503	38.3	923,763	471,090	452,673	96.1
PACIFIC:												
Washington.....	2,591,582	1,350,897	1,240,685	91.8	60,610,807	30,430,585	30,180,222	99.2	44,762,138	12,191,397	32,570,741	267.2
Oregon.....	1,242,300	1,222,648	19,652	1.6	26,343,230	23,225,515	3,117,715	13.4	17,860,136	9,271,500	8,588,636	92.6
California.....	1,970,492	4,004,254	-2,033,762	-50.8	39,105,917	69,085,929	-29,980,012	-43.4	28,639,826	33,674,733	-5,634,907	-16.7

1 Includes Indian Territory.

Corn.—For the United States as a whole the area of corn harvested increased from 94,914,000 acres in 1899 to 98,383,000 in 1909, or 3.7 per cent, but the production decreased from 2,666,000,000 bushels to 2,552,000,000 bushels, or 4.3 per cent. The total value of the crop of 1909, however, was \$1,439,000,000, as compared with \$828,000,000 in 1899, an increase of \$610,000,000, or 73.7 per cent. Corn in 1909 occupied 20.6 per cent of the improved farm land of the country and contributed 26.2 per cent of the total value of crops. The statistics are presented by divisions and states, in Table 23.

Table 22 gives, for the nine geographic divisions and for the five leading producing states, percentages and averages derived mainly from Table 23.

Table 22

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN BUSHELS PER ACRE.		AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of United States total.	Per cent of improved land.	1909	1899	1909	1899	1909	1899
United States....	100.0	20.6	25.9	28.1	\$0.56	\$0.31	\$14.62	\$8.73
New England.....	0.2	2.5	35.2	39.4	0.67	0.51	30.54	20.04
Middle Atlantic....	2.2	7.4	32.2	34.0	0.65	0.43	21.05	14.63
East North Central.	22.3	24.6	38.6	33.3	0.51	0.30	19.83	11.51
West North Central.	30.5	21.9	27.7	31.4	0.51	0.26	14.00	8.07
South Atlantic.....	11.6	23.5	15.8	14.1	0.83	0.47	13.13	6.60
East South Central.	11.5	25.8	18.6	18.4	0.72	0.43	13.33	7.98
West South Central.	15.2	25.6	15.7	19.9	0.61	0.32	9.59	6.98
Mountain.....	0.5	2.9	15.8	16.5	0.63	0.50	9.89	8.31
Pacific.....	0.1	0.4	24.0	25.2	0.78	0.47	18.82	11.80
Illinois.....	10.2	35.8	38.8	38.8	0.51	0.29	19.74	11.21
Iowa.....	9.4	31.3	37.1	39.1	0.49	0.25	18.16	9.92
Kansas.....	8.2	27.1	19.1	27.8	0.52	0.25	9.96	7.03
Nebraska.....	7.4	29.5	24.8	28.8	0.49	0.24	12.14	6.99
Missouri.....	7.2	28.9	26.9	28.1	0.56	0.29	15.09	8.25

The percentage of the acreage in each geographic division has already been discussed. The leading states in acreage of corn are Illinois, Iowa, Kansas, Nebraska, and Missouri, in the order named. Each of these states had more than 7,000,000 acres in corn in 1909, their aggregate acreage being nearly 42,000,000, or over two-fifths of the total corn acreage of the United States. The distribution of the corn acreage of 1909 among the states is shown by the map on page 384.

In the United States as a whole corn occupies about one-fifth of the improved land in farms, this proportion being exceeded in each of the five principal agricultural divisions. In the five states mentioned above corn occupies more than one-fourth of the improved land in farms, while in Illinois it occupies more than one-third and in Iowa almost one-third.

Table 23 shows that by far the most extensive change in the acreage of corn during the decade from 1899 to 1909 was in the West South Central division, where the area harvested increased 3,731,000 acres, or 33.4 per cent, almost all of this increase taking place in the single state of Oklahoma. It may be noted also that the gain in this state is equivalent to 98.4 per cent of the entire net increase in the total corn acreage of the United States. For the Mountain division a very high percentage of increase is recorded, though the acreage is still small. A marked relative decrease is shown for the New England and Middle Atlantic divisions, but

in neither is the production of corn very important. Among the leading corn states, there were increased acreages in Minnesota, North Dakota, and South Dakota, and decreased acreages in Iowa and Missouri.

The average yield for the United States was 25.9 bushels per acre in 1909 and 28.1 bushels in 1899. Among the geographic divisions which have a considerable acreage in corn, the highest yield in 1909 was in the East North Central division and the lowest in the West South Central division. In the West North Central and West South Central divisions, which contain about one-half of the total corn acreage, the average yield in 1909 was conspicuously lower than in 1899. In the other divisions the average per acre changed but little. Among the principal corn states, Kansas showed a very conspicuous falling off in average yield, and of the five states named in the table, Illinois was the only one in which the yield did not decrease. By reason of these differences in average yield per acre, the changes in the total production of the various divisions and states do not correspond very closely with the changes in acreage. Two divisions with increased acreages report a smaller production in 1909 than in 1899, and two with reduced acreages report a greater production. In each of the five states which lead in acreage both the acreage and the production decreased during the decade, but in Kansas and Nebraska the decrease in production was much more pronounced than that in acreage.

The average value of corn per bushel in 1909 was \$0.56, as compared with \$0.31 in 1899. The divisions from which the highest average values are reported are, with the exception of the South Atlantic and East South Central divisions, those having a comparatively small acreage in corn. With the great advance in average value per bushel, there was a corresponding advance in the average value per acre, though by reason of a decreased yield per acre the percentage of increase was not so great. For the crop as a whole, however, the advance in the average value per bushel, despite a diminished production, resulted in an enormous increase in aggregate value, in which every state except Vermont shared.

The per capita production of corn in 1909 was 27.7 bushels, as compared with 35.1 bushels in 1899. The decreased production per capita, with the accompanying increase in price, has resulted in a great falling off in exports. For the year ending June 30, 1900, exports amounted to 213,123,000 bushels, equal to 8 per cent of the crop of 1899, while for the year ending June 30, 1910, they amounted to only 38,128,000 bushels, or 1.5 per cent of the crop of 1909. With the exception of the year 1908, this is the smallest proportion of the corn crop exported in any year since 1870. Of the 1899 crop the amount remaining for home use was 2,453,000,000 bushels, while of the 1909 crop it was 2,514,000,000 bushels—the amount retained in 1909 being the greater by 61,000,000 bushels. Thus in 1899, 32.3 bushels per capita remained for home use, and in 1909, 27.3 bushels.

FARM CROPS, BY STATES.

379

CORN—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 23 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELLS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
United States	98,382,665	64,913,673	3,468,992	3.7	2,552,189,630	2,666,324,370	-114,134,740	-4.3	\$1,438,553,919	\$928,192,388	\$610,361,531	73.7
GEOGRAPHIC DIVISIONS:												
New England.....	182,065	198,377	-16,312	-8.2	8,238,394	7,807,920	430,474	5.5	5,560,074	3,976,367	1,583,707	39.8
Middle Atlantic.....	2,158,554	2,434,743	-276,189	-11.3	69,610,602	82,873,430	-13,262,828	-16.0	45,434,191	35,612,050	9,822,141	27.6
East North Central.....	21,910,191	21,590,260	319,931	1.5	845,208,285	827,065,540	18,232,745	2.2	434,424,336	248,570,575	185,853,761	74.8
West North Central.....	35,945,297	35,529,298	415,999	1.2	906,358,997	1,114,154,560	-117,795,563	-10.6	503,264,940	286,872,473	216,392,467	75.4
South Atlantic.....	11,386,984	12,024,742	-637,758	-5.3	170,511,702	169,468,960	10,042,742	5.9	149,479,304	79,406,051	70,073,253	88.2
East South Central.....	11,328,268	11,713,504	-385,236	-3.3	210,154,917	215,124,577	-4,969,660	-2.3	150,975,613	93,440,189	57,535,424	61.6
West South Central.....	14,912,067	11,181,133	3,730,934	33.4	233,402,007	245,126,328	-11,724,321	-4.8	143,035,538	78,023,063	65,012,485	83.3
Mountain.....	463,991	160,211	303,780	189.6	7,326,043	2,647,733	4,678,310	176.7	4,587,706	1,330,780	3,256,926	244.8
Pacific.....	95,248	81,405	13,843	17.0	2,288,683	2,055,322	233,361	11.4	1,792,208	960,850	831,358	86.5
NEW ENGLAND:												
Maine.....	15,213	16,856	-1,643	-9.7	648,882	643,040	3,842	0.6	434,334	326,824	108,010	33.0
New Hampshire.....	19,814	23,694	-5,880	-22.9	916,263	1,080,720	-164,457	-15.2	621,306	538,738	82,568	15.3
Vermont.....	42,887	60,633	-17,746	-29.3	1,715,133	2,322,450	-607,317	-26.2	1,102,222	1,180,505	-78,283	-6.6
Massachusetts.....	41,755	39,131	2,624	6.7	2,029,381	1,539,980	489,401	31.8	1,372,144	171,277	800,867	77.9
Rhode Island.....	9,679	8,149	1,530	18.8	398,193	288,220	109,973	38.2	335,629	164,138	171,491	104.5
Connecticut.....	52,717	47,914	4,803	10.0	2,530,542	1,931,510	599,032	31.0	1,633,939	994,855	639,084	70.3
MIDDLE ATLANTIC:												
New York.....	512,442	658,652	-146,210	-22.2	18,115,634	20,024,850	-1,909,216	-9.5	11,439,169	9,181,782	2,257,387	24.6
New Jersey.....	265,441	295,258	-29,817	-10.1	10,000,731	10,973,800	-978,069	-8.9	6,664,162	4,833,743	1,830,419	47.0
Pennsylvania.....	1,380,671	1,080,833	-109,162	-6.8	41,494,237	51,869,780	-10,375,543	-20.0	27,330,860	21,996,795	5,334,065	24.8
EAST NORTH CENTRAL:												
Ohio.....	3,916,050	3,828,013	90,037	2.4	157,513,300	152,055,390	5,457,910	3.6	82,327,269	48,037,895	34,289,374	71.4
Indiana.....	4,901,054	4,499,649	401,805	8.9	195,496,433	178,967,070	16,529,363	9.2	98,437,988	51,752,946	46,685,042	90.2
Illinois.....	10,405,839	10,266,335	-20,496	-2.1	390,218,676	398,149,140	-7,930,464	-2.0	198,350,496	115,075,961	83,274,595	72.4
Michigan.....	1,589,596	1,501,189	88,407	5.9	52,906,842	44,584,310	8,322,532	18.7	29,580,929	17,798,011	11,782,918	66.2
Wisconsin.....	1,457,622	1,407,474	-39,822	-2.7	49,103,034	53,309,810	-4,146,776	-7.8	25,727,654	15,905,822	9,821,832	61.8
WEST NORTH CENTRAL:												
Minnesota.....	2,004,068	1,441,506	562,488	39.0	67,897,051	47,256,920	20,640,131	43.7	30,510,145	11,337,105	19,173,040	169.1
Iowa.....	9,229,378	9,804,076	-574,698	-5.9	341,750,460	383,453,190	-41,702,730	-10.9	167,622,834	97,297,707	70,325,127	72.3
Missouri.....	7,113,933	7,423,683	-309,730	-4.2	191,427,827	208,844,870	-17,417,043	-8.3	107,347,033	61,246,305	46,100,728	75.3
North Dakota.....	185,122	62,373	122,749	196.8	4,941,152	1,284,870	3,656,282	284.6	2,403,303	397,278	2,006,025	505.0
South Dakota.....	2,037,658	1,196,381	841,277	70.3	55,558,737	32,402,540	23,156,197	71.5	26,395,985	7,263,127	19,132,858	263.4
Nebraska.....	7,266,057	7,335,187	-69,130	-0.9	180,132,807	210,974,740	-30,841,933	-14.6	88,234,846	51,251,213	36,983,633	72.2
Kansas.....	8,109,061	8,266,018	-156,957	-1.9	154,651,703	229,937,430	-75,285,727	-32.7	80,750,803	58,079,738	22,671,065	39.0
SOUTH ATLANTIC:												
Delaware.....	188,755	192,025	-3,270	-1.7	4,839,548	4,736,580	102,968	2.2	2,903,442	1,725,402	1,177,990	68.3
Maryland.....	647,012	658,010	-10,998	-1.7	17,911,436	19,766,510	-1,855,074	-9.4	11,015,298	7,462,594	3,552,704	47.6
District of Columbia.....	426	462	-36	-7.8	12,667	14,980	-2,313	-15.4	9,635	6,322	3,313	52.4
Virginia.....	1,860,359	1,910,085	-49,726	-2.6	38,295,141	36,748,410	1,546,731	4.2	28,835,944	16,233,756	12,602,188	77.9
West Virginia.....	676,311	724,646	-48,335	-6.7	17,119,097	16,610,730	508,367	3.1	11,907,261	7,698,335	4,208,926	54.7
North Carolina.....	2,459,457	2,720,206	-260,749	-9.6	34,063,531	34,818,860	-755,329	-2.2	21,286,102	17,304,407	4,981,695	80.8
South Carolina.....	1,565,832	1,772,057	-206,225	-11.6	20,871,940	17,423,610	3,448,336	19.8	20,682,632	9,149,807	11,532,824	126.0
Georgia.....	3,383,061	3,477,684	-94,623	-2.7	39,374,569	34,032,230	5,342,339	15.7	37,079,981	17,155,868	19,924,113	116.1
Florida.....	605,771	569,567	36,204	6.4	7,023,767	5,311,050	1,712,717	32.2	5,709,009	2,669,509	3,039,500	113.9
EAST SOUTH CENTRAL:												
Kentucky.....	3,436,340	3,319,257	117,083	3.5	83,348,024	73,974,220	9,373,804	12.7	50,449,112	29,423,996	21,025,116	71.5
Tennessee.....	3,146,348	3,274,574	-228,226	-6.8	67,682,489	67,307,390	375,099	0.6	45,819,093	28,050,508	17,759,585	63.3
Alabama.....	2,572,968	2,743,360	-170,392	-6.2	30,695,737	33,053,047	-4,357,310	-12.4	28,677,032	17,082,751	11,594,281	67.9
Mississippi.....	2,172,612	2,736,313	-103,701	-4.6	28,428,667	38,789,920	-10,361,253	-26.7	26,030,376	13,873,934	7,156,442	37.9
WEST SOUTH CENTRAL:												
Arkansas.....	2,277,116	2,317,742	-40,626	-1.8	37,609,544	44,144,098	-6,534,554	-14.8	27,910,044	17,572,170	10,337,874	58.8
Louisiana.....	1,590,830	1,343,756	247,074	18.4	26,010,361	22,062,580	3,947,781	17.9	16,480,322	10,327,723	6,152,599	59.6
Oklahoma.....	5,914,069	12,501,945	3,412,124	136.4	94,283,407	68,949,300	25,334,107	36.7	48,080,554	15,698,889	32,381,665	206.3
Texas.....	5,130,052	5,017,690	112,362	2.2	75,498,695	109,970,350	-34,471,655	-31.3	50,564,618	34,424,871	16,139,747	46.9
MOUNTAIN:												
Montana.....	9,514	3,301	6,213	188.2	274,103	75,838	198,265	261.4	185,367	41,626	143,741	345.3
Idaho.....	9,194	4,562	4,632	101.7	318,181	111,528	206,653	185.3	191,395	55,880	135,515	242.5
Wyoming.....	9,268	1,976	7,292	369.0	176,354	38,000	138,354	364.1	101,465	19,569	81,896	413.5
Colorado.....	326,559	85,256	241,303	283.0	4,903,304	1,275,680	3,627,624	284.4	2,673,584	508,488	2,165,096	424.8
New Mexico.....	85,999	41,245	44,654	108.0	1,164,970	677,305	487,665	72.0	684,052	41,936	564,116	134.3
Arizona.....	15,605	11,654	3,951	33.9	298,664	204,748	93,916	45.9	293,547	151,564	142,983	93.9
Utah.....	7,267	11,517	-4,250	-36.9	169,688	250,020	-80,332	-32.1	134,396	121,872	12,524	10.3
Nevada.....	585	650	5	0.9	20,779	14,614	6,165	42.2	23,600	11,845	11,755	99.2
PACIFIC:												
Washington.....	26,033	10,483	15,550	148.3	563,025	218,706	344,319	157.4	404,367	104,263	300,104	287.8
Oregon.....	17,280	16,992	288	1.7	451,757	359,523	92,234	25.7	310,430	155,693	154,737	99.4
California.....	51,936	63,900	-1,965	-3.7	1,273,901	1,477,093	-203,192	-13.8	1,077,411	700,894	376,517	53.7

¹ Includes Indian Territory.

Wheat.—For the United States as a whole the area harvested in 1909 was 44,263,000 acres, as compared with 52,589,000 acres in 1899, a decrease of 15.8 per cent. On the other hand, the production in 1909 was 683,000,000 bushels, or 3.8 per cent greater than in 1899, when it was 659,000,000 bushels. The value of the crop of 1909 was \$658,000,000, an advance of \$288,000,000, or 77.8 per cent, over the value in 1899, \$370,000,000. Wheat in 1909 occupied 9.3 per cent of the total improved farm land, and its value represented 12 per cent of the total for all crops. Details in regard to the production of wheat in 1909 and 1899 are given in Table 25, while a summary of averages and percentages, derived mainly from this table, is given in Table 24.

Table 24

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN BUSHELS PER ACRE.		AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of United States total.	Per cent of im- proved land.	1909	1899	1909	1899	1909	1899
United States....	100.0	9.3	15.4	12.5	\$0.96	\$0.56	\$14.66	\$7.03
New England.....	(1)	0.1	23.5	18.0	1.07	0.89	25.04	15.99
Middle Atlantic....	3.6	5.5	18.6	14.9	1.07	0.88	19.81	10.16
East North Central.	15.9	7.9	17.2	12.9	1.01	0.63	17.32	8.17
West North Central.	58.4	15.7	14.8	12.2	0.95	0.52	14.07	5.35
South Atlantic....	5.1	4.6	11.9	9.5	0.98	0.72	12.82	6.80
East South Central.	3.0	3.0	11.7	9.0	1.03	0.65	12.05	5.80
West South Central.	3.5	2.7	11.0	11.9	1.01	0.53	11.10	6.32
Mountain.....	2.9	8.1	23.1	19.2	0.87	0.48	20.17	9.24
Pacific.....	7.6	15.2	17.7	15.6	0.88	0.49	15.56	7.06
North Dakota.....	18.5	40.0	14.3	13.5	0.93	0.53	13.23	7.13
Kansas.....	13.5	20.0	13.0	10.2	0.95	0.49	12.40	5.93
Minnesota.....	7.1	16.7	17.4	14.5	0.98	0.53	17.69	7.71
South Dakota.....	7.2	20.3	14.6	10.5	0.91	0.50	13.33	5.26

¹ Less than one-tenth of 1 per cent.

Considerably more than one-half of the acreage in wheat in 1909 was found in the West North Central division. The East North Central division, which reported the next largest acreage, contained 15.9 per cent of the total, and the Pacific, which is third in rank, 7.6 per cent. The map on page 384 shows the distribution of the wheat acreage among the states.

Wheat occupies in the United States as a whole nearly 10 per cent of the improved land in farms, but in the West North Central and Pacific divisions the proportion exceeds 15 per cent. The proportion is insignificant in the New England division and is smaller in the southern than in the other northern divisions.

The leading state in wheat production is North Dakota, with an acreage exceeding 8,000,000 and greater than that of any geographic division except the West North Central, in which the state is situated. Kansas, with nearly 6,000,000 acres of wheat, and Minnesota and South Dakota, with over 3,000,000, follow. The four states named have nearly 21,000,000 acres in wheat, or over two-fifths of the wheat acreage of the United States.

Between 1899 and 1909 there was a gain of 778,000 acres, or 3.1 per cent, in the West North Central division and a gain about half as large in the Mountain division. In all other divisions the acreage decreased, the greatest absolute loss being that of over 3,000,000 acres in the East North Central division. Of the 48 states reporting wheat, 37 show a loss in acreage.

Among the four leading states already mentioned, North Dakota and Kansas show conspicuous gains in acreage, but South Dakota and Minnesota show decreases, the acreage in the latter having fallen off one-half.

The average yield of wheat in 1909 was 15.4 bushels per acre. Of the divisions with a large acreage, the West North Central had a slightly lower and the East North Central and Pacific a slightly higher yield per acre than the average for the United States. The three southern divisions fell considerably below that average. As compared with the yield of 12.5 bushels per acre in 1899, that of 1909 was considerably larger. With the exception of the West South Central division, larger yields were reported in all the divisions in 1909 than in 1899, and the same was true of each of the four leading wheat states listed in the table.

In the country as a whole the increased yield per acre was sufficient to counterbalance the decrease in acreage. In the West North Central and Mountain divisions, which gained in acreage, there was a still greater gain in production. In the other divisions, except the West South Central, the loss in production was not so great as in acreage. In the states of North Dakota and Kansas, the percentage of increase in production was greater than that in acreage. In South Dakota the increased yield per acre caused an increase in production, although the acreage was smaller, and in Minnesota the loss in production was less pronounced than that in acreage.

The average value of wheat per bushel in 1909 was \$0.96, but three divisions only, the West North Central, Mountain, and Pacific, reported an average value of less than \$1. This represents an enormous increase over the value in 1899, when the average for the United States was \$0.56 per bushel. The average value of the wheat crop per acre more than doubled between 1899 and 1909. In each division, except the New England, East South Central, and West South Central divisions, the increase in average value per bushel more than offset the loss in production and the total crop had a greater aggregate value in 1909 than in 1899. It may, however, be noted that 20 states show a falling off in the value of the wheat crop, the most notable decreases being in California, Texas, and Iowa.

In 1899 the per capita production of wheat was 8.7 bushels and in 1909, 7.4 bushels. This falling off in production per capita was counterbalanced largely by a decrease in the amount exported. Wheat imports are insignificant and may be disregarded. In the year ending June 30, 1900, there was exported in the form of wheat and flour the equivalent of 186,097,000 bushels, or 28.3 per cent of the crop of 1899. Ten years later the exports were only 87,364,000 bushels, or 12.8 per cent of the crop of 1909. For home consumption there remained of the crop of 1899, 472,437,000 bushels, or 6.2 bushels per capita, as compared with 596,015,000 bushels, or 6.5 bushels per capita, retained of the crop of 1909.

FARM CROPS, BY STATES.

WHEAT—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 25 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BU SHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
United States	44,262,592	52,588,574	-8,325,982	-15.8	683,379,259	658,534,252	24,845,007	3.8	\$657,656,801	\$369,945,320	\$287,711,481	77.8
GEOGRAPHIC DIVISIONS:												
New England.....	4,893	9,237	-4,344	-47.0	114,998	166,125	-51,127	-30.8	122,532	147,742	-25,210	-17.1
Middle Atlantic.....	1,598,325	2,204,350	-606,025	-27.5	29,717,833	32,947,945	-3,230,112	-9.8	31,665,041	22,393,223	9,271,818	41.4
East North Central.....	7,033,364	10,410,893	-3,377,529	-32.4	121,097,675	134,698,890	-13,601,215	-10.1	121,885,650	83,051,479	38,834,171	43.3
West North Central.....	25,863,556	25,085,305	778,243	3.1	384,092,121	306,602,028	77,490,093	25.3	303,923,162	159,281,250	144,641,912	128.5
South Atlantic.....	2,241,345	3,368,872	-1,127,527	-33.5	26,650,768	31,902,857	-5,252,089	-16.5	28,725,004	22,903,064	5,821,940	25.4
East South Central.....	1,315,243	2,087,483	-1,672,240	-56.0	15,374,422	26,854,542	-11,480,120	-42.7	15,851,025	17,339,440	-1,488,415	-8.6
West South Central.....	1,556,087	2,934,867	-1,378,600	-47.0	17,096,127	35,046,935	-17,950,808	-51.2	17,278,603	18,547,956	-1,269,353	-6.8
Mountain.....	1,285,360	942,858	342,502	36.3	29,654,968	18,084,369	11,570,598	64.0	25,930,305	8,715,518	17,214,877	197.5
Pacific.....	3,359,419	4,644,888	-1,285,467	-27.7	59,580,347	72,230,570	-12,650,223	-17.5	52,275,359	35,565,648	16,709,741	47.0
NEW ENGLAND:												
Maine.....	3,407	5,667	-3,260	-48.9	85,119	116,720	-31,601	-27.1	91,654	107,396	-15,842	-14.8
New Hampshire.....	70	271	-201	-74.2	1,311	4,035	-2,724	-67.5	1,406	3,428	-2,022	-59.0
Vermont.....	678	1,796	-1,118	-62.2	14,087	34,650	-20,563	-59.3	14,279	29,078	-14,799	-50.9
Massachusetts.....	19	95	14	(1)	2,404	1,750	654	37.4	2,516	1,515	1,000	66.0
Rhode Island.....	103	15	-2	(1)	208	310	-102	-32.9	211	245	-34	-13.9
Connecticut.....	616	393	223	56.7	11,869	8,660	3,209	37.1	12,567	6,080	6,487	106.7
MIDDLE ATLANTIC:												
New York.....	289,130	557,736	-268,606	-48.2	6,664,121	10,412,675	-3,748,554	-36.0	7,175,523	7,332,597	-167,074	-2.1
New Jersey.....	83,637	132,571	-48,334	-36.9	1,489,233	1,902,590	-413,357	-21.7	1,568,890	1,347,650	221,230	16.4
Pennsylvania.....	1,225,558	1,514,043	-288,485	-19.1	21,564,479	20,632,680	931,799	4.5	22,920,638	13,712,976	9,207,662	67.1
EAST NORTH CENTRAL:												
Ohio.....	1,827,932	3,209,074	-1,381,142	-43.0	30,663,704	80,376,800	-49,713,096	-39.1	31,112,975	32,555,534	-1,442,559	-5.3
Indiana.....	2,062,835	2,893,238	-830,403	-28.0	33,935,972	34,986,280	-1,050,308	-3.0	33,593,141	22,228,916	11,364,225	51.1
Illinois.....	2,185,691	1,826,143	359,548	19.7	37,830,732	19,795,500	18,035,232	91.1	38,000,712	11,929,458	26,071,254	218.6
Michigan.....	802,137	1,925,769	-1,123,632	-58.3	16,025,791	20,535,140	-4,509,349	-22.0	16,886,868	12,921,925	3,964,943	28.4
Wisconsin.....	140,369	556,614	-416,245	-74.8	2,641,476	9,005,170	-6,363,694	-70.7	2,591,954	5,115,346	-2,523,392	-49.5
WEST NORTH CENTRAL:												
Minnesota.....	3,276,911	1,659,707	-3,283,796	-50.1	57,094,412	95,278,660	-38,184,248	-40.1	66,007,435	50,601,948	15,405,487	10.7
Iowa.....	526,777	6,890,705	-1,162,239	-68.8	8,055,944	22,769,440	-14,713,496	-64.6	7,703,205	11,457,808	-3,754,603	-32.8
Missouri.....	2,017,128	2,056,219	-39,091	-1.9	29,837,429	23,072,768	6,764,661	29.3	29,926,209	13,520,012	16,406,197	121.3
North Dakota.....	8,188,782	4,451,251	3,737,531	84.0	116,781,858	59,888,810	56,893,076	95.0	109,129,869	31,733,763	77,396,106	243.9
South Dakota.....	3,217,255	3,984,659	-767,404	-19.3	47,059,590	41,889,380	5,170,210	12.3	42,878,223	30,957,917	11,920,306	104.6
Nebraska.....	2,662,918	2,538,949	123,969	4.9	47,685,745	24,924,520	22,761,225	91.3	44,229,930	11,877,347	32,349,583	272.4
Kansas.....	5,973,785	3,303,818	2,169,967	57.0	77,577,115	38,778,450	38,798,665	100.0	74,052,291	19,132,455	54,919,836	287.0
SOUTH ATLANTIC:												
Delaware.....	111,215	118,740	-7,525	-6.3	1,643,572	1,870,570	-226,998	-12.1	1,697,539	1,247,055	450,484	36.1
Maryland.....	539,893	634,446	-44,553	-7.0	9,463,457	9,671,800	-208,343	-2.2	9,876,480	6,484,088	3,392,392	62.3
District of Columbia.....		17	-17	.....		410	-410	.....		349	-349	.....
Virginia.....	602,907	927,266	-234,359	-25.3	8,076,989	8,907,510	-830,521	-9.3	8,776,061	6,161,000	2,615,061	42.4
West Virginia.....	209,315	447,928	-238,613	-53.3	2,575,996	4,326,150	-1,750,154	-40.5	2,697,141	3,040,314	-343,173	-11.3
North Carolina.....	501,912	746,984	-245,072	-32.8	3,827,145	4,342,351	-515,206	-11.9	4,420,322	3,463,728	956,596	27.6
South Carolina.....	43,028	174,245	-131,217	-75.3	310,614	1,017,319	-706,705	-69.5	385,835	958,158	-572,323	-59.7
Georgia.....	93,055	319,161	-226,096	-70.8	752,858	1,765,947	-1,013,089	-57.4	871,494	1,547,773	-676,279	-43.7
Florida.....	10	85	-75	(1)	137	800	-663	-82.9	132	601	-469	-78.0
EAST SOUTH CENTRAL:												
Kentucky.....	681,323	1,481,027	-749,704	-52.4	8,739,290	14,264,500	-5,525,240	-38.7	8,812,469	8,923,760	-111,291	-1.2
Tennessee.....	619,861	1,426,112	-806,251	-56.5	6,516,539	11,924,010	-5,407,471	-45.3	6,913,335	7,882,697	-969,362	-12.3
Alabama.....	13,665	123,897	-110,232	-89.0	119,953	628,775	-514,822	-81.9	120,873	502,240	-381,367	-75.9
Mississippi.....	394	6,447	-6,053	-93.9	4,670	37,257	-32,587	-87.5	4,348	30,743	-26,395	-85.9
WEST SOUTH CENTRAL:												
Arkansas.....	60,426	379,453	-319,027	-84.1	526,414	2,449,970	-1,923,556	-78.5	632,712	1,383,918	-651,204	-61.5
Louisiana.....	65	214	-149	-69.6	488	2,345	-1,857	-79.2	508	1,688	-1,180	-73.1
Oklahoma.....	1,169,420	1,527,073	-357,653	-23.4	14,008,334	20,328,300	-6,319,966	-31.1	13,854,322	110,110,675	3,745,647	37.0
Texas.....	326,176	1,027,947	-701,771	-68.3	2,560,891	12,266,320	-9,705,429	-79.1	2,891,061	7,051,477	-4,160,416	-59.0
MOUNTAIN:												
Montana.....	238,377	92,132	166,245	180.4	6,251,945	1,899,683	4,352,262	229.1	5,329,389	1,077,210	4,252,179	394.7
Idaho.....	359,234	266,305	132,929	49.0	10,237,609	5,360,180	4,897,429	91.7	8,412,587	2,131,953	6,280,634	294.6
Wyoming.....	41,968	19,416	22,552	116.2	738,698	348,890	389,808	110.8	644,251	191,195	453,056	230.4
Colorado.....	340,729	294,949	45,780	15.5	7,224,057	5,587,770	1,636,287	29.3	6,463,926	2,809,370	3,654,556	130.1
New Mexico.....	32,341	37,907	-5,566	-14.7	499,789	603,303	-103,504	-17.2	508,726	390,616	118,110	30.2
Arizona.....	20,028	24,377	-4,349	-17.8	362,875	440,252	-77,377	-17.6	410,214	276,639	133,575	48.3
Utah.....	178,423	189,235	-10,812	-5.7	3,943,910	3,413,470	530,440	15.5	3,765,071	1,575,064	2,189,953	139.0
Nevada.....	14,260	18,537	-4,277	-23.1	396,075	450,812	-54,737	-12.1	396,285	263,471	132,814	50.4
PACIFIC:												
Washington.....	2,118,015	1,083,102	1,029,913	94.7	40,920,390	21,167,527	19,732,863	93.1	35,102,370	9,028,209	26,074,161	288.8
Oregon.....	763,187	873,379	-110,192	-12.6	12,456,751	14,608,636	-2,051,885	-14.1	10,849,036	6,858,395	4,490,641	70.6
California.....	478,217	2,683,405	-2,205,188	-82.2	6,203,206	36,534,407	-30,331,201	-83.0	6,323,983	20,179,044	-13,855,061	-68.7

1 Per cent not calculated where base is less than 100.

2 Includes Indian Territory.

Oats.—The acreage of oats harvested in the United States increased from 29,540,000 in 1899 to 35,159,000 in 1909, or 19 per cent, while the production increased 6.8 per cent, from 943,000,000 bushels in 1899 to 1,007,000,000 bushels in 1909. The value of the crop, however, which was \$217,000,000 in 1899, was \$415,000,000 in 1909, or 91 per cent greater. The acreage of oats in 1909 was 7.3 per cent of the total improved farm acreage, and their value 7.6 per cent of the total for all crops. Detailed figures concerning the production of oats in 1909 and 1899 are given in Table 27, and a summary of the averages and percentages for the geographic divisions and leading states, derived mainly from this table, is presented in Table 26. The map on page 385 shows how the acreage of oats is distributed among the states.

Table 26

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN BUSHEL PER ACRE.		AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of total.	Per cent of States proved land.	1909	1899	1909	1899	1909	1899
United States	100.0	7.3	28.6	31.9	\$0.41	\$0.23	\$11.79	\$7.35
New England.....	0.6	3.1	32.9	35.9	0.55	0.35	18.04	12.72
Middle Atlantic.....	7.2	8.6	25.5	30.9	0.51	0.31	12.15	9.59
East North Central.....	31.9	12.6	33.3	37.4	0.40	0.22	13.27	8.12
West North Central.....	44.7	9.6	27.5	32.0	0.38	0.21	10.35	6.60
South Atlantic.....	3.9	2.8	15.5	11.7	0.63	0.39	9.78	4.63
East South Central.....	2.5	2.0	13.4	11.1	0.56	0.35	7.51	3.88
West South Central.....	3.6	2.2	21.4	25.8	0.47	0.23	10.00	5.83
Mountain.....	3.3	7.3	34.9	30.4	0.48	0.38	16.90	11.41
Pacific.....	2.3	3.6	35.3	31.4	0.48	0.33	16.91	10.23
Iowa.....	13.2	15.8	27.5	35.9	0.38	0.20	10.54	7.08
Illinois.....	11.9	14.9	36.0	39.5	0.40	0.21	14.29	8.09
Minnesota.....	8.5	15.2	31.5	33.6	0.36	0.21	11.43	7.19
Nebraska.....	6.7	9.7	22.6	30.1	0.36	0.20	8.22	5.89
Wisconsin.....	6.2	18.2	33.0	35.5	0.40	0.21	13.24	7.58
North Dakota.....	6.1	10.5	30.7	28.3	0.37	0.26	11.23	7.50

Of the total acreage of oats, 44.7 per cent was reported from the West North Central division and 31.9 per cent from the East North Central. In the latter, oats occupy about one-eighth, in the former somewhat less than one-tenth, of the improved land in farms. They are also a crop of some importance in the Middle Atlantic division, in which they occupy about one-twelfth of the improved land in farms.

The leading state in the acreage of oats in 1909 was Iowa, with 4,655,000 acres, closely followed by Illinois, with 4,176,000. Minnesota, Nebraska, Wisconsin, and North Dakota, ranking in the order named, also had each more than 2,000,000 acres in oats. These six leading states had together over 18,000,000 acres of oats in 1909, or more than one-half of the acreage for the whole country.

Comparing 1909 with 1899, the Middle Atlantic and West South Central divisions show an aggregate loss of 257,000 acres, but an aggregate gain of 5,876,000 acres was reported for the remaining divisions, or a net gain of 5,620,000, or 19 per cent, for the whole country. The greatest absolute gain—over 3,600,000 acres—was in the West North Central division, but larger relative increases occurred in the Mountain and Pacific divisions. Among the states, North Dakota shows an increase of over 1,300,000 acres. A gain of

more than 500,000 acres each is also reported for South Dakota, Minnesota, Ohio, and Indiana. Of the six states named above as leading in the acreage of oats, three—Iowa, Illinois, and Wisconsin—show decreases for the decade, while increases took place in the remainder.

The average yield in 1909 of 28.6 bushels per acre for the country as a whole was exceeded in the East North Central division, but was not attained by the West North Central division, nor by the Middle Atlantic division. Of the divisions where the acreage of oats is less important, the New England, Mountain, and Pacific divisions exceeded this average, while the remainder fell below it. For the United States as a whole the average yield per acre in 1909 was somewhat below that of 1899. This was true also of the three divisions with the largest acreage and of the New England and West South Central divisions, but in the other divisions the average yield in 1909 was greater than in 1899.

There was in the United States as a whole a somewhat larger crop of oats in 1909 than in 1899. Two divisions which lost in acreage had also a smaller production, while two others showed a diminished production in combination with an increase in acreage. Among the remaining divisions, the rate of increase in production was considerably less than that in acreage in the West North Central division, which produced over two-fifths of the entire crop, but in the divisions with a smaller production the crop increased more rapidly than the acreage. Among the several states, the largest gain in the production of oats was in North Dakota, where the crop of 1909 was nearly three times as great as that of 1899. A considerable gain was also made in Minnesota, but in the other states which have been noted as leading in acreage there was a diminished production, especially in Iowa, the first on the list as measured by acreage.

The average value per bushel of the oat crop was \$0.41 in 1909, as compared with \$0.23 in 1899, an advance of 78.3 per cent. As is frequently the case, the average values are somewhat higher in the divisions with relatively small production than in those with large production. All divisions, however, show a marked advance for 1909 as compared with 1899. By reason of the smaller yield per acre the value of the crop per acre did not increase in the same proportion as the average value per bushel. As a result of the increased acreage in the country as a whole, however, there was an increase in the aggregate value of the crop, amounting to 91 per cent. This increase is shared by all divisions, though, as already noted, some show a decrease in acreage and some a decrease in production. The effect of the change in value is particularly noticeable in the case of the state of Iowa, which leads in the acreage of oats. In the 10 years the acreage in that state remained practically stationary, the production fell off nearly one-fourth, but the value of the crop increased nearly one-half.

FARM CROPS, BY STATES.

383

OATS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease.]

Table 27

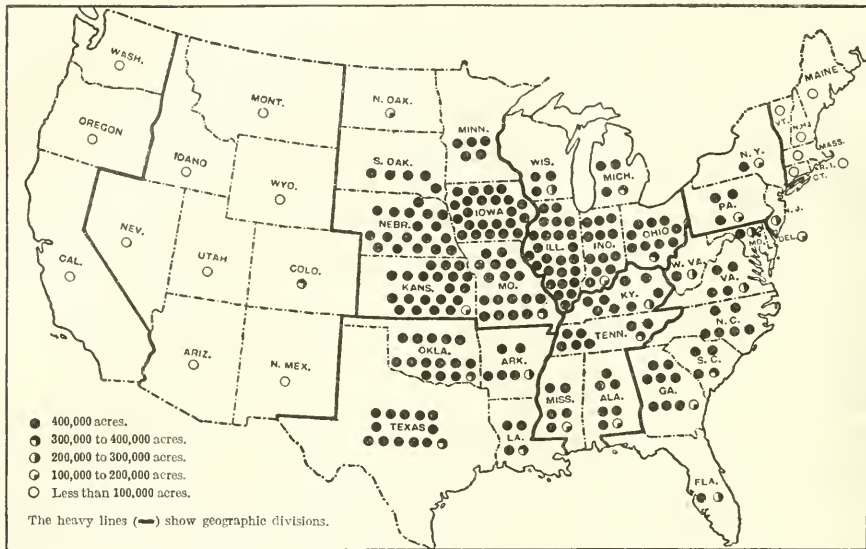
DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
United States	35,159,441 ¹	29,539,698	5,619,743	19.0	1,007,142,980	943,389,375	63,753,605	8.8	\$414,697,422	\$217,098,584	\$197,598,838	91.0
GEOGRAPHIC DIVISIONS:												
New England.....	223,221	212,737	10,484	5.0	7,350,601	7,643,175	-292,574	-3.8	4,027,338	2,705,249	1,322,089	48.9
Middle Atlantic.....	2,518,886	2,579,559	-60,673	-2.4	64,344,715	79,630,320	-15,285,605	-19.2	33,111,736	24,515,326	8,596,410	35.1
East North Central.....	11,225,445	10,087,121	1,138,324	11.3	373,503,373	377,300,555	-3,796,982	-0.9	149,004,329	81,881,022	67,123,307	82.0
West North Central.....	15,710,495	12,109,758	3,600,737	29.7	432,660,477	386,978,611	45,681,866	11.8	162,647,073	79,970,336	82,676,737	103.4
South Atlantic.....	1,368,832	1,268,061	100,771	7.9	21,206,000	14,874,888	6,331,112	42.6	13,388,578	5,869,687	7,518,891	128.1
East South Central.....	870,762	855,842	14,920	1.7	11,646,687	9,480,025	2,166,662	22.9	6,535,286	3,317,185	3,218,101	97.0
West South Central.....	1,276,534	1,472,449	-195,915	-13.3	27,273,695	37,927,478	-10,653,783	-28.1	12,764,241	8,590,119	4,174,122	48.6
Mountain.....	1,164,204	412,190	752,014	182.4	40,604,255	12,519,653	28,084,602	224.3	19,673,773	4,704,766	14,969,007	318.2
Pacific.....	801,062	541,981	259,081	47.8	28,252,977	17,034,670	11,218,307	65.9	13,545,068	5,544,894	8,000,174	144.3
NEW ENGLAND:												
Maine.....	120,991	108,661	12,330	11.3	4,232,309	3,799,435	432,874	11.4	2,293,970	1,374,573	919,397	66.9
New Hampshire.....	10,860	12,589	-1,729	-13.7	386,419	497,110	-110,691	-22.9	216,938	184,025	32,913	17.9
Vermont.....	71,510	73,372	-1,862	-2.5	2,141,357	2,742,140	-600,783	-21.9	1,169,223	941,711	227,512	24.2
Massachusetts.....	7,927	6,702	1,225	18.3	268,500	240,990	27,510	11.4	157,381	84,850	72,531	85.5
Rhode Island.....	1,726	1,530	196	12.8	48,212	47,120	1,092	2.3	28,661	16,631	12,030	73.2
Connecticut.....	10,207	9,883	324	3.3	273,804	316,380	-42,576	-13.5	161,188	103,459	57,729	55.8
MIDDLE ATLANTIC:												
New York.....	1,302,508	1,329,753	-27,245	-2.0	34,795,277	40,785,900	-5,990,623	-14.7	17,977,155	12,929,992	5,048,063	39.0
New Jersey.....	72,130	75,959	-3,829	-5.0	1,376,752	1,601,610	-224,858	-14.0	712,609	492,341	220,268	44.7
Pennsylvania.....	1,144,248	1,173,847	-29,599	-2.5	28,172,686	37,242,810	-9,070,124	-24.4	14,421,972	11,093,893	3,328,079	30.0
EAST NORTH CENTRAL:												
Ohio.....	1,787,496	1,115,149	672,347	60.3	57,591,046	42,050,910	15,540,136	37.0	23,212,352	10,236,251	12,976,101	126.8
Indiana.....	1,667,818	1,017,385	650,433	63.9	50,607,913	34,565,070	16,042,843	46.4	18,928,706	7,458,682	11,470,024	153.8
Illinois.....	4,176,485	4,570,074	-393,589	-8.6	150,386,074	180,305,630	-29,919,556	-16.6	59,603,819	36,900,019	22,703,800	61.6
Michigan.....	1,429,076	1,019,438	409,638	40.2	43,869,502	36,338,145	7,531,357	20.7	18,506,195	9,264,385	9,241,810	99.8
Wisconsin.....	2,164,570	2,365,115	-200,545	-8.5	71,349,038	84,040,800	-12,691,762	-15.1	28,663,257	17,931,685	10,731,572	59.8
WEST NORTH CENTRAL:												
Minnesota.....	2,977,258	2,201,325	775,933	35.2	93,897,717	74,054,150	19,843,567	26.8	34,023,389	15,829,804	18,193,585	114.9
Iowa.....	4,655,154	4,695,391	-40,237	-0.9	128,198,055	108,364,170	19,833,885	18.3	49,046,888	33,254,987	15,791,901	47.5
Missouri.....	1,073,325	916,178	157,147	17.2	24,828,501	20,545,350	4,283,151	20.8	10,253,990	4,669,185	5,584,805	119.6
North Dakota.....	2,147,032	780,517	1,366,515	175.1	65,886,702	22,125,331	43,761,371	197.8	24,114,345	5,852,615	18,261,730	312.0
South Dakota.....	1,558,643	691,167	867,476	125.5	43,565,676	19,412,490	24,153,186	124.4	16,044,785	4,114,456	11,930,329	290.0
Nebraska.....	2,365,774	1,924,827	440,947	22.9	53,360,185	58,007,140	-4,646,955	-8.0	19,443,570	11,333,398	8,110,177	71.6
Kansas.....	933,309	900,353	32,956	3.7	22,923,641	24,469,980	-1,546,339	-6.3	9,720,106	4,915,896	4,804,210	97.7
SOUTH ATLANTIC:												
Delaware.....	4,226	5,247	-1,021	-19.5	98,239	131,960	-33,721	-25.6	51,022	43,337	7,685	17.7
Maryland.....	49,210	44,625	4,585	10.3	1,160,663	1,109,560	51,103	4.6	584,398	340,475	243,920	71.8
District of Columbia.....	13	42	-29	(¹)	375	620	-245	-39.5	165	206	-41	-19.9
Virginia.....	204,455	275,394	-70,939	-25.8	2,884,495	3,269,430	-384,935	-11.8	1,609,973	1,103,616	506,357	45.9
West Virginia.....	103,758	99,433	4,325	4.3	1,728,806	1,833,840	-105,034	-5.7	912,388	637,176	275,212	43.2
North Carolina.....	228,120	270,876	-42,756	-15.8	2,782,508	2,454,768	327,740	13.4	1,741,561	991,516	750,045	75.6
South Carolina.....	324,180	222,544	101,636	45.7	5,745,291	2,661,670	3,083,621	115.9	3,809,345	1,292,575	2,526,770	216.6
Georgia.....	411,664	318,433	93,231	29.3	6,199,243	3,115,610	3,083,633	99.0	4,236,625	1,383,758	2,852,867	206.2
Florida.....	43,206	31,467	11,739	37.3	606,380	297,430	308,950	103.9	443,104	143,028	300,076	209.8
EAST SOUTH CENTRAL:												
Kentucky.....	174,315	316,590	-142,275	-44.9	2,406,064	4,009,830	-1,603,766	-40.0	1,216,187	1,247,928	-31,741	-2.5
Tennessee.....	342,086	235,313	106,773	45.4	4,720,692	2,725,330	1,995,362	73.2	2,378,464	887,940	1,490,524	167.9
Alabama.....	257,276	216,873	40,403	18.6	3,251,146	1,882,660	1,368,086	72.7	2,117,703	977,684	1,139,019	116.5
Mississippi.....	97,085	87,066	10,019	11.5	1,268,785	862,805	405,980	47.1	822,932	383,633	439,299	114.5
WEST SOUTH CENTRAL:												
Arkansas.....	197,449	280,115	-82,666	-29.5	3,212,891	3,909,000	-696,109	-17.8	1,641,752	1,263,101	378,651	30.0
Louisiana.....	29,711	28,003	1,678	6.0	420,033	316,070	103,963	32.9	250,588	117,312	133,276	113.6
Oklahoma.....	609,373	\$317,076	292,297	92.2	16,606,154	\$9,511,740	7,094,414	74.6	7,172,267	\$1,968,915	\$5,203,352	264.3
Texas.....	440,001	847,225	-407,224	-48.1	7,034,017	24,190,668	-17,156,651	-70.9	3,169,634	5,240,791	-1,541,157	-29.4
MOUNTAIN:												
Montana.....	333,195	133,938	199,257	148.8	13,805,735	4,746,231	9,059,504	190.9	6,148,021	1,909,938	4,357,083	243.3
Idaho.....	302,783	64,739	238,044	367.7	11,328,106	1,956,499	9,371,608	479.0	5,067,051	702,955	4,364,096	620.8
Wyoming.....	124,053	26,892	97,143	367.2	3,361,425	2,598,055	763,370	34.4	1,828,711	299,630	1,528,081	524.9
Colorado.....	275,948	120,952	154,996	128.1	7,642,855	3,060,130	4,582,725	148.1	4,177,267	1,121,745	3,055,522	272.6
New Mexico.....	33,707	15,848	17,859	112.7	720,560	342,777	377,783	110.2	459,306	154,347	304,959	197.4
Arizona.....	5,867	1,641	4,226	257.5	189,312	43,246	146,066	337.7	130,384	21,144	109,240	516.7
Utah.....	80,816	43,394	37,422	86.2	3,221,289	1,436,225	1,785,064	124.3	1,671,065	553,847	1,117,218	207.6
Nevada.....	7,853	4,786	3,067	64.1	334,973	151,176	183,797	121.6	91,908	67,160	24,808	185.9 ²
PACIFIC:												
Washington.....	269,742	126,841	142,901	112.7	13,228,063	5,336,456	7,891,517	147.9	5,870,857	1,765,547	4,105,310	232.5
Oregon.....	339,162	261,406	77,756	29.7	10,881,286	6,728,828	4,152,458	61.8	5,037,164	2,078,950	2,958,214	142.3
California.....	192,158	153,734	38,424	25.0	4,143,688	4,972,356	-828,668	-16.8	2,637,407	1,700,397	936,650	55.1

¹ Per cent not calculated where base is less than 100.

² Includes Indian Territory.

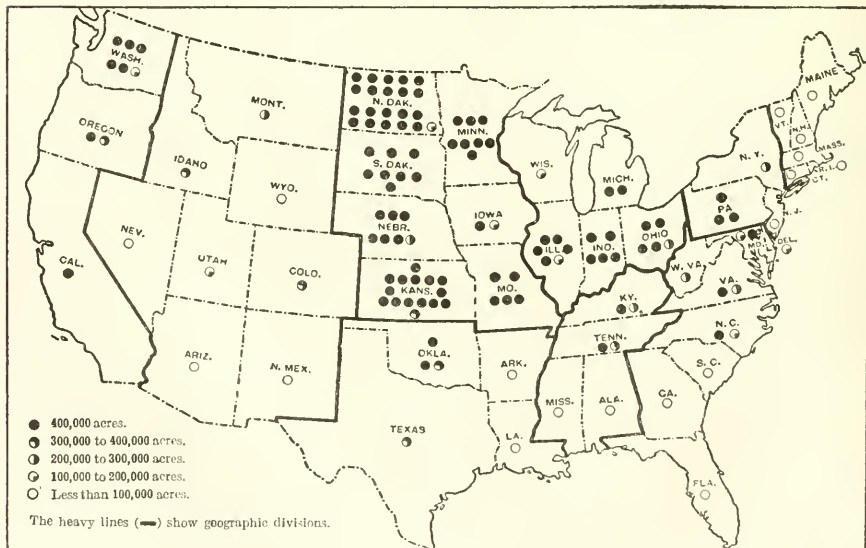
CORN.

ACREAGE, BY STATES: 1909.



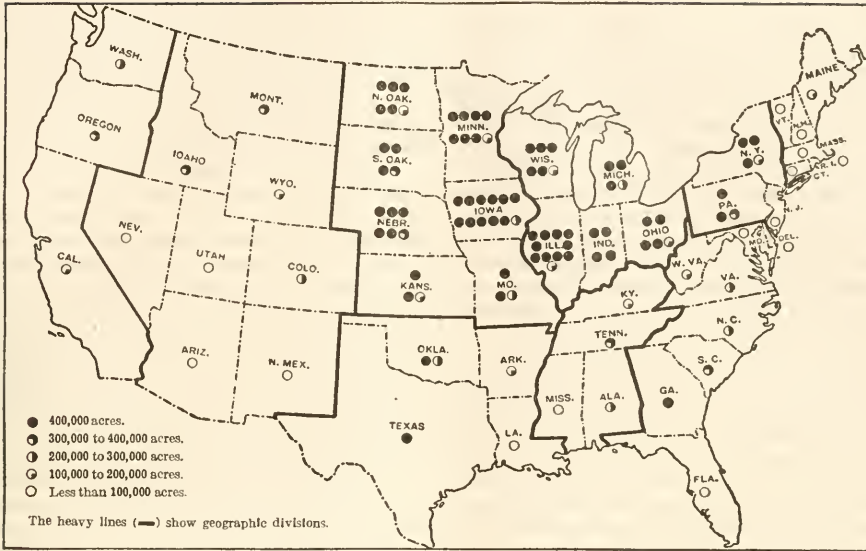
WHEAT.

ACREAGE, BY STATES: 1909.



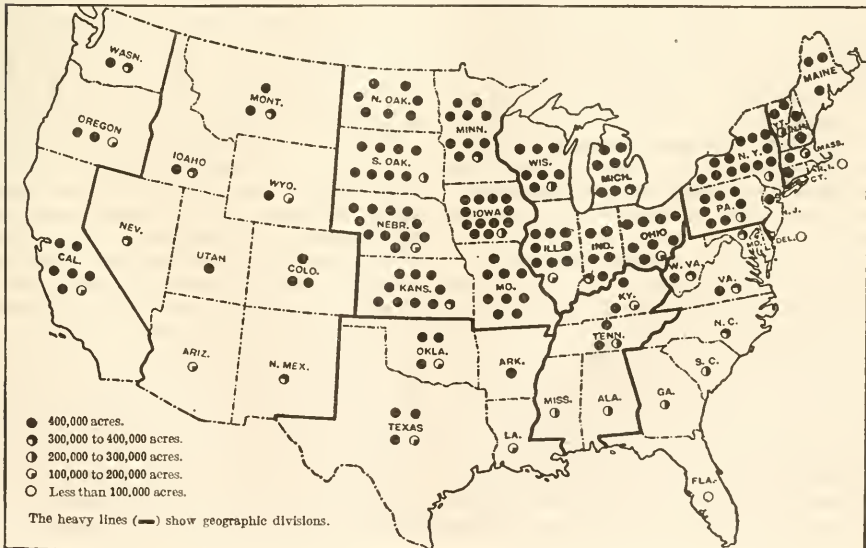
OATS.

ACREAGE, BY STATES: 1909.



HAY AND FORAGE.

ACREAGE, BY STATES: 1909.



Minor cereals.—The minor cereals occupy only 7.1 per cent of the entire acreage devoted to cereals in the United States. Statistics are given for each in Tables 28 to 33.

Barley.—Of the minor cereals, barley (Table 28), which occupies 4 per cent of the entire cereal acreage of the United States, is by far the most important. Of the aggregate barley acreage of 7,698,706, considerably more than one-half was found in the West North Central division. Other divisions where this is an important crop are the Pacific and the East North Central, the three divisions named containing together 94.1 per cent of the total acreage in 1909. Four states, Minnesota, North Dakota, California, and South Dakota, ranking in the order named, have an acreage in excess of 1,000,000 each, and together contain more than two-thirds of the total for the whole country. Large acreages are also reported for Wisconsin and Iowa.

The acreage in barley was larger in 1909 than in 1899 by 3,228,510 acres, or 72.2 per cent. Almost three-fourths of this increase was reported from the West North Central division, where the acreage more than doubled during the period. The percentage of increase in the Mountain division was greater than in any other. Only in divisions of small acreage was there a decrease. In the three divisions which led in acreage there was an increase in the acreage of every state except Ohio and Iowa.

The crop of 1909, 173,000,000 bushels, exceeded that of 1899, 120,000,000 bushels, by 44.9 per cent, the average yield per acre being 22.5 bushels in 1909 and 26.8 bushels in 1899. The increase in production in 1909 over 1899 for the country as a whole was therefore somewhat less relatively than the increase in acreage. The same statement is true for each of the divisions which are prominent in the production of barley, but in some of the less important divisions the increase in production was greater than that in acreage. Divisions with a decreased acreage had also a decreased production. In the three divisions which led in production all the states, with the exception of Ohio, Iowa, Indiana, and Nebraska, show increases in production.

The value of the crop in 1909, \$92,459,000 (equal to 1.7 per cent of the total value of crops) was more than twice as great as in 1899, the average value per bushel increasing from 35 to 53 cents, or 51.4 per cent, and the average value per acre from \$9.31 to \$12.01, or 29 per cent. In the New England, Middle Atlantic, and West South Central divisions there was a decrease in total value, but it was considerably less relatively than that in either acreage or production.

Rye.—Judged by acreage, rye (Table 29) is somewhat less than one-third as important as barley. Of the 2,195,561 acres in rye in the United States in 1909

about three-fourths were located east of the Mississippi River. The leading division in acreage is the East North Central, the Middle Atlantic ranking next. There is, however, almost no difference in the acreage of the West North Central and the Middle Atlantic divisions. The leading states in the acreage of rye are Michigan, Wisconsin, Pennsylvania, and Minnesota, in the order named. Together these four states reported in 1909 nearly 1,300,000 acres, or more than one-half of the area devoted to rye in the United States.

The increase in the acreage of rye in 1909 as compared with 1899 amounted to 6.9 per cent. Five divisions, including two with a considerable acreage of this crop—the Middle Atlantic and the West North Central—show decreases, while increases occurred in four divisions. The gain was conspicuous in the principal rye producing section, the East North Central, where it amounted to 43.2 per cent. A much larger percentage of increase is shown for the Mountain division, but the absolute gain in acreage was less than one-tenth as large. Of the four leading states, Michigan and Minnesota more than doubled their rye acreage, but Wisconsin and Pennsylvania both show a decrease.

The production in 1909, 29,520,000 bushels, was 15.5 per cent greater than in 1899, indicating, in connection with the increase of only 6.9 per cent in acreage, a greater yield per acre for the crop as a whole (13.4 bushels in 1909 and 12.4 in 1899). The divisions which lost in acreage had also, with the exception of the West North Central division, a smaller production.

The value of the rye crop in 1909, \$20,422,000, represented 0.4 per cent of the total value of crops. It was nearly two-thirds greater than in 1899. While five divisions had a diminished acreage and four a decreased production, there were only two in which the value of the crop was smaller in 1909 than in 1899. The average value per bushel increased from 48 to 69 cents, and the average value per acre from \$5.98 to \$9.30.

Buckwheat.—Buckwheat (Table 30) has a much smaller area of cultivation than the cereals thus far considered. There were 878,000 acres harvested in the United States in 1909, of which the region east of the Mississippi contained 96.9 per cent. The Middle Atlantic states had about two-thirds of the total acreage reported for buckwheat, this being almost equally divided between New York and Pennsylvania. The increase in the area harvested in 1909 as compared with 1899 was over 70,000 acres, more than one-half of which was in the Middle Atlantic division. The New England and West North Central divisions lost in acreage but all others gained, the most significant increase being that in the South Atlantic division, amounting to 29,322 acres, or 52.8 per cent. Pennsylvania shows an increase of 17.2 per cent in the acreage of buckwheat and New York a decrease of 1.2 per cent.

The production of 1909 amounted to 14,849,000 bushels, which was 32.2 per cent more than that of 1899. The increase in production was relatively greater than that in acreage, and New England was the only division reporting a smaller production in 1909 than in 1899. Measured by production, New York appears as the leading state, showing a gain of 49.2 per cent in this respect, despite a slight loss in acreage.

The crop of 1909, valued at \$9,331,000, was nearly two-thirds greater in value than that of 1899. In 1909 the average yield per acre was 16.9 bushels; the average value per bushel, 63 cents; and the average value per acre, \$10.63.

Emmer and spelt.—Emmer and spelt (Table 31) are old grains known to the ancient world and still in use as a food crop in parts of Europe and Asia. Nearly all the "emmer and spelt" reported is emmer, spelt being cultivated in only a few scattered localities. These grains are, botanically, species of wheat, but commercially they are more closely related to the other cereals, since they are used as food for stock. Moreover, the price per bushel of emmer and spelt corresponds much more nearly to that of corn or oats than to that of wheat. No regular statistics of these crops were gathered in 1900.

Emmer and spelt are considered good crops for dry farming, and like kafir corn have been introduced principally in the districts of comparatively light rainfall, though on account of the heavy yield and the value of the grains as feed for stock, they are sown in parts of the grain region in which corn is not an established crop.

The area of emmer and spelt harvested in 1909 was 573,622 acres, the production 12,703,000 bushels, and the value \$5,584,000. The average production per acre was thus 22.1 bushels; the average value per bushel, 44 cents; and the average value per acre, \$9.73.

Of the total acreage, the West North Central division reported 522,487 acres, or 91.1 per cent; the Mountain, 18,644; the East North Central, 14,941; and the West South Central, 13,295. Of the total production in 1909, 11,673,000 bushels, or 91.9 per cent, were reported from the West North Central division; 407,000 bushels from the Mountain division; and 372,000 bushels from the East North Central division.

The state having the largest acreage in 1909 was South Dakota, with 259,611 acres, or 45.3 per cent of the total area harvested, while North Dakota came next with 101,144 acres, or 17.6 per cent of the total—the combined acreage for the two Dakotas representing over three-fifths of the total area in this crop. The states ranking next in acreage were Nebraska, Kansas, Minnesota, and Colorado.

Kafir corn and milo maize.—Statistics for kafir corn and milo maize (Table 32) were first obtained by the

Census Bureau in 1900. The acreage in 1899 was about one-third as great as that of buckwheat, but in 1909 it was almost twice as large. Kafir corn and milo maize are cereals belonging to the millet family. They are grown extensively in Africa and somewhat in Asia, the grain being used for food. In this country they have made great headway as dry-farming crops and are being introduced more generally in sections of light rainfall. The grains are here used primarily for feeding live stock, although to a limited extent they are ground for flour. Aside from the use made of the grain, the stalks, if cut before they are entirely ripe, make a valuable fodder.

Of the 1,635,153 acres in kafir corn and milo maize in 1909, over 1,000,000 acres were in the two states of Texas and Oklahoma and nearly 400,000 acres in Kansas. The only other considerable acreages were in New Mexico and California.

The acreage harvested was more than six times as great in 1909 as in 1899. In 1899 over one-half the crop was harvested in the state of Kansas, but the recent extension of the cultivation of these cereals in Texas and Oklahoma has placed those states at the head of the list.

The production increased from 5,169,000 bushels in 1899 to 17,597,000 bushels in 1909. The rate of increase was only half as rapid as that in acreage, the yield per acre, which was 19.4 bushels in 1899, being only 10.8 bushels in 1909. The decrease in yield per acre is due mainly to the fact that the crops are becoming popular in regions of comparatively light rainfall where the yield is normally small. In 1909 the average value per bushel was 61 cents and the average value per acre \$6.62.

Rice.—The area devoted to the cultivation of rice (Table 33) in 1909 was 610,175 acres, located almost exclusively in the West South Central division. Louisiana, with 317,518 acres, and Texas, with 237,586 acres, far exceed any other state or any other division in acreage. A small acreage only is reported for the East South Central division, and 27,080 acres for the South Atlantic division.

During the decade the area devoted to rice cultivation increased 267,961 acres, or 78.3 per cent. There was a great loss in acreage in the South Atlantic division, but this was much more than counterbalanced by the great gain in the West South Central division, the principal rice producing area.

The production of rough rice in 1909 was 21,839,000 bushels, and the value \$16,020,000. The increase in both production and value between 1899 and 1909 was more rapid than that in acreage, and shows about the same distribution as respects the two producing areas, the South Atlantic and the West South Central divisions.

BARLEY—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 28

DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States.....	7,638,706	4,470,196	3,228,510	72.2	173,344,212	119,634,877	53,709,335	44.9	\$92,458,571	\$41,631,762	\$50,826,809	122.1
GEOGRAPHIC DIVISIONS:												
New England.....	16,242	23,554	-7,312	-31.0	428,617	704,957	-276,340	-39.2	342,659	364,226	-21,567	-5.9
Middle Atlantic.....	87,733	121,577	-33,844	-27.8	2,062,189	3,145,218	-1,083,029	-34.4	1,414,366	1,493,648	-79,282	-5.3
East North Central.....	1,007,102	665,678	341,424	51.3	26,705,278	21,865,348	4,839,930	22.1	15,240,518	8,158,220	7,082,298	86.8
West North Central.....	4,762,928	2,305,281	2,457,647	106.6	98,997,430	59,665,149	39,332,281	65.8	47,400,962	17,503,007	29,897,865	170.8
South Atlantic.....	15,561	5,717	9,844	172.2	409,615	109,559	300,056	273.9	276,981	53,245	223,736	420.2
East South Central.....	5,388	2,848	2,540	89.2	119,922	42,138	77,784	184.6	79,171	21,215	57,956	273.2
West South Central.....	14,253	21,334	-7,081	-33.2	181,346	433,625	-252,279	-58.2	107,835	115,856	-8,021	-6.9
Mountain.....	313,606	111,887	201,719	180.3	9,785,511	3,333,342	6,452,169	193.6	5,566,331	1,401,107	4,165,224	297.3
Pacific.....	1,475,893	1,212,320	263,573	21.7	34,654,304	30,305,541	4,348,763	14.3	22,029,748	12,521,148	9,508,600	75.9
NEW ENGLAND:												
Maine.....	4,136	8,809	-4,673	-53.0	106,674	252,850	-146,176	-57.8	86,230	137,448	-51,218	-37.3
New Hampshire.....	848	1,596	-748	-46.9	20,764	46,680	-25,916	-55.5	17,292	25,189	-7,897	-31.4
Vermont.....	10,586	12,152	-1,566	-12.9	285,008	380,940	-95,932	-25.2	228,803	187,004	38,799	20.7
Massachusetts.....	349	638	-289	-45.3	9,021	14,987	-5,966	-39.8	7,177	9,264	-2,087	-22.5
Rhode Island.....	182	222	-40	-18.0	4,676	6,100	-1,424	-23.3	4,126	3,465	661	19.1
Connecticut.....	141	137	4	2.9	2,474	3,400	-926	-27.2	2,031	1,856	175	9.4
MIDDLE ATLANTIC:												
New York.....	79,956	111,658	-31,702	-28.4	1,922,868	2,943,250	-1,020,382	-34.7	1,316,117	1,402,184	-86,067	-6.1
New Jersey.....	152	336	-184	-54.8	3,082	4,790	-1,708	-35.7	1,967	2,301	-334	-14.5
Pennsylvania.....	7,625	9,583	-1,958	-20.4	136,239	197,178	-60,939	-30.9	96,282	89,163	7,119	8.0
EAST NORTH CENTRAL:												
Ohio.....	24,075	34,058	-9,983	-29.3	569,279	1,053,240	-483,961	-46.0	311,741	402,977	-91,236	-22.6
Indiana.....	10,188	9,533	655	6.9	234,298	260,550	-26,252	-10.1	133,591	100,480	33,111	33.0
Illinois.....	63,325	21,375	41,950	196.3	1,613,559	686,580	926,979	135.0	880,706	242,834	637,872	262.7
Michigan.....	93,065	44,965	48,100	107.0	2,132,101	1,165,288	966,813	82.9	1,232,344	494,994	737,350	149.0
Wisconsin.....	816,449	555,747	260,702	46.9	22,156,041	18,699,690	3,456,351	18.5	12,682,136	6,916,935	5,765,201	83.3
WEST NORTH CENTRAL:												
Minnesota.....	1,573,761	877,845	695,916	79.3	34,927,773	24,314,240	10,613,533	43.6	17,213,817	7,220,739	9,993,078	138.4
Iowa.....	571,224	627,851	-56,627	-9.0	10,964,184	18,059,060	-7,094,876	-39.3	5,320,708	5,342,363	-21,655	-0.4
Missouri.....	7,915	1,727	6,188	358.3	134,253	28,969	105,284	363.4	80,245	11,232	69,013	614.4
North Dakota.....	1,215,811	287,092	928,719	323.5	26,365,758	6,752,000	19,613,698	290.5	11,962,036	1,996,062	9,965,954	499.3
South Dakota.....	1,114,531	299,510	815,021	272.1	22,396,130	7,031,760	15,364,370	218.5	10,873,522	2,003,540	8,869,982	442.7
Nebraska.....	113,571	92,098	21,473	23.3	1,987,516	2,034,910	-47,394	-2.3	870,846	543,432	325,414	59.7
Kansas.....	166,115	119,158	46,957	39.4	2,221,816	1,474,150	747,666	50.7	1,079,788	383,700	696,079	181.4
SOUTH ATLANTIC:												
Delaware.....	31	3	28	(1)	422	40	382	(1)	288	30	258	(1)
Maryland.....	4,494	1,515	2,979	196.6	135,454	42,560	92,894	218.3	79,231	18,776	60,455	322.0
District of Columbia.....												
Virginia.....	9,890	2,768	7,122	257.3	253,649	63,346	200,303	343.3	179,712	25,007	154,705	618.6
West Virginia.....	408	253	155	61.3	8,407	3,660	4,747	129.7	5,640	1,832	3,808	207.9
North Carolina.....	504	475	29	6.1	7,535	4,237	3,298	77.8	6,863	2,335	4,528	193.9
South Carolina.....	189	281	-92	-32.7	3,433	3,106	377	12.1	4,297	2,890	1,398	48.2
Georgia.....	44	395	-351	-88.9	655	2,290	-1,635	-71.4	942	2,048	-1,106	-54.0
Florida.....	1	27	-26	(1)	10	320	-310	-96.9	8	318	-310	-97.5
EAST SOUTH CENTRAL:												
Kentucky.....	2,738	953	1,785	187.3	65,596	17,772	47,824	269.1	42,929	8,157	34,772	426.3
Tennessee.....	2,567	1,590	977	61.4	53,201	21,636	31,565	145.9	35,363	11,273	24,090	213.7
Alabama.....	41	273	-232	-85.0	372	2,400	-2,028	-54.5	336	1,582	-1,246	-78.8
Mississippi.....	42	32	10	(1)	753	330	423	128.2	543	203	340	167.5
WEST SOUTH CENTRAL:												
Arkansas.....	82	304	-222	-73.0	1,267	2,809	-1,542	-54.9	1,136	1,278	-142	-11.1
Louisiana.....		16	-16			110	-110			61	-61	
Oklahoma.....	10,283	* 16,634	-6,351	-38.2	127,641	* 350,340	-222,699	-63.6	75,059	* 81,163	-6,104	-7.5
Texas.....	3,888	4,380	-492	-11.2	52,438	86,366	-27,928	-34.8	31,649	33,354	-1,714	-5.1
MOUNTAIN:												
Montana.....	27,242	22,848	4,394	19.2	753,268	844,140	-90,872	-10.8	478,811	341,330	137,503	40.3
Idaho.....	132,412	32,798	99,614	303.7	4,598,292	969,214	3,629,078	374.4	2,322,705	132,730	2,009,975	642.7
Wyoming.....	8,561	1,225	7,336	598.9	189,057	29,600	159,367	536.7	130,302	15,375	115,017	748.0
Colorado.....	71,411	21,949	49,462	225.3	1,889,342	531,240	1,358,102	255.6	1,109,753	246,510	854,243	346.5
New Mexico.....	2,131	1,110	1,021	92.0	43,490	24,107	19,383	80.4	35,626	12,475	23,151	185.6
Arizona.....	32,897	16,270	16,627	102.2	1,008,442	458,776	549,666	119.8	714,834	223,885	490,849	219.1
Utah.....	26,752	8,644	18,108	209.5	891,471	252,140	639,331	253.6	472,816	121,826	350,990	288.1
Nevada.....	12,200	7,043	5,157	73.2	412,149	224,035	188,114	84.0	310,394	120,898	189,496	144.6
PACIFIC:												
Washington.....	171,888	122,298	49,590	40.6	5,834,615	3,641,056	2,193,559	60.2	3,331,930	1,268,480	2,063,450	162.7
Oregon.....	108,847	60,375	48,472	80.3	2,377,735	1,515,150	862,585	56.9	1,613,310	606,945	906,365	149.3
California.....	1,185,158	1,029,647	165,511	16.1	26,441,954	25,149,325	1,292,619	5.1	17,184,508	10,645,723	6,538,785	61.4

* Per cent not calculated where base is less than 100.

* Includes Indian Territory.

FARM CROPS, BY STATES.

389

RYE—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 29 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
United States	2,195,561	2,054,292	141,269	6.9	29,520,457	25,568,625	3,951,832	15.5	\$20,421,812	\$12,290,540	\$8,131,272	66.2
GEOGRAPHIC DIVISIONS:												
New England.....	13,221	16,655	-5,434	-29.1	230,458	317,964	-87,506	-27.5	206,852	178,971	27,881	15.6
Middle Atlantic.....	472,132	556,431	-84,299	-15.1	6,458,475	7,207,830	-749,355	-10.4	4,959,172	3,906,606	1,052,566	26.9
East North Central.....	968,558	676,303	292,255	43.2	13,443,196	9,199,566	4,243,630	46.1	9,011,568	4,351,609	4,659,959	105.7
West North Central.....	470,582	556,406	-85,824	-15.4	6,907,788	6,798,638	109,150	1.6	4,216,576	2,700,264	1,516,312	56.2
South Atlantic.....	157,546	114,319	43,227	37.8	1,322,474	862,549	459,925	53.3	1,106,617	493,519	613,098	124.2
East South Central.....	50,091	35,885	14,106	39.2	400,709	275,363	125,346	45.5	337,152	166,526	170,626	102.5
West South Central.....	5,926	10,952	-4,656	-44.0	49,137	104,627	-55,490	-53.0	41,165	56,281	-15,116	-26.9
Mountain.....	32,115	9,519	22,596	237.4	439,767	123,458	316,309	256.2	300,134	64,659	235,475	364.2
Pacific.....	25,390	76,092	-50,702	-66.6	268,453	678,630	-410,177	-60.4	242,576	342,105	-99,529	-29.1
NEW ENGLAND:												
Maine.....	292	611	-319	-52.2	4,815	9,290	-4,475	-48.2	4,388	6,126	-1,738	-28.4
New Hampshire.....	260	350	-90	-25.7	4,534	5,320	-786	-14.8	4,680	3,529	1,151	32.6
Vermont.....	1,115	2,264	-1,149	-50.8	16,689	31,950	-15,261	-47.8	14,533	18,012	-3,479	-19.3
Massachusetts.....	3,476	4,557	-1,081	-23.7	59,183	60,294	-1,111	-1.8	52,396	34,291	18,105	52.8
Rhode Island.....	477	591	-114	-19.3	7,545	7,710	-165	-2.1	7,007	4,751	2,256	47.5
Connecticut.....	7,601	10,282	-2,681	-26.1	137,692	203,400	-65,708	-32.3	123,848	112,262	11,586	10.3
MIDDLE ATLANTIC:												
New York.....	130,540	177,416	-46,876	-26.4	2,010,601	2,431,670	-421,069	-17.3	1,578,408	1,393,313	185,095	13.3
New Jersey.....	69,032	68,967	65	0.1	951,271	831,410	119,861	14.4	707,250	442,446	264,804	59.9
Pennsylvania.....	272,560	310,048	-37,488	-12.1	3,496,603	3,944,750	-448,147	-11.4	2,673,514	2,070,847	602,667	29.1
EAST NORTH CENTRAL:												
Ohio.....	67,912	17,583	50,329	286.2	921,919	257,120	664,799	258.6	636,276	128,072	508,204	396.8
Indiana.....	83,440	43,562	39,878	91.5	1,121,589	564,300	557,289	98.8	743,782	266,487	477,295	179.1
Illinois.....	55,973	78,869	-19,896	-25.2	787,519	1,104,670	-317,151	-28.7	523,374	509,688	13,686	2.7
Michigan.....	419,020	174,096	244,924	140.7	5,814,394	2,130,870	3,683,524	172.9	3,944,616	1,033,416	2,911,200	281.7
Wisconsin.....	339,213	302,193	22,980	-6.3	4,797,775	5,142,606	-344,831	-6.7	3,163,520	2,483,946	679,574	29.4
WEST NORTH CENTRAL:												
Minnesota.....	266,567	118,869	147,698	124.3	4,426,028	1,866,150	2,559,878	137.2	2,679,987	783,852	1,896,135	241.9
Iowa.....	42,042	89,172	-47,130	-52.9	570,996	1,179,970	-608,974	-51.6	357,220	490,817	-123,597	-25.7
Missouri.....	20,001	21,233	-1,232	-5.8	205,813	220,338	-14,525	-6.6	156,852	103,192	53,660	52.0
North Dakota.....	48,188	27,995	20,193	72.1	689,233	368,240	320,993	87.2	411,728	138,771	272,957	196.7
South Dakota.....	13,778	39,253	-25,475	-64.9	194,672	454,860	-260,188	-57.2	115,126	164,860	-49,734	-30.2
Nebraska.....	62,827	178,920	-116,093	-64.9	660,631	1,901,820	-1,241,189	-65.3	383,736	712,759	-329,023	-46.2
Kansas.....	17,179	80,964	-63,785	-78.8	160,415	807,260	-646,845	-80.1	111,927	316,013	-204,086	-64.6
SOUTH ATLANTIC:												
Delaware.....	1,017	1,103	-86	-7.8	11,423	12,380	-957	-7.7	5,169	5,831	2,338	40.1
Maryland.....	28,093	21,621	6,472	29.9	357,562	279,550	78,012	27.9	252,601	141,433	111,258	78.7
District of Columbia.....	13	22	-9	(1)	190	290	-100	-34.5	135	162	-27	-16.7
Virginia.....	47,890	31,534	16,356	51.9	438,345	246,834	191,511	77.6	344,241	124,195	220,046	177.2
West Virginia.....	15,679	13,758	1,921	14.0	148,676	111,031	37,645	33.9	122,258	58,784	63,474	108.0
North Carolina.....	48,685	28,074	20,611	73.4	280,431	133,730	146,701	109.7	269,568	86,228	183,338	212.6
South Carolina.....	2,958	4,256	-1,298	-30.5	20,631	19,372	1,259	6.5	32,197	18,405	13,792	74.9
Georgia.....	12,352	13,185	-833	-6.3	59,937	54,492	5,445	10.0	69,365	52,937	16,428	31.0
Florida.....	859	766	93	12.1	5,279	4,870	409	8.4	7,995	5,544	2,451	44.2
EAST SOUTH CENTRAL:												
Kentucky.....	26,813	17,618	9,195	52.2	255,532	155,365	100,167	64.5	202,534	88,315	114,219	129.3
Tennessee.....	22,798	16,556	6,242	37.7	140,925	107,912	33,013	30.6	129,845	68,381	61,464	89.9
Alabama.....	437	1,708	-1,271	-74.4	3,736	11,123	-7,387	-66.4	4,314	9,075	-4,761	-52.5
Mississippi.....	43	103	-60	-58.3	516	963	-447	-46.4	459	755	-296	-39.2
WEST SOUTH CENTRAL:												
Arkansas.....	1,080	2,883	-1,803	-62.5	7,354	19,125	-11,771	-61.5	6,834	11,428	-4,594	-40.2
Louisiana.....	19	55	-36	(1)	193	372	-179	-48.1	236	323	-87	-26.9
Oklahoma.....	4,291	3,660	631	17.2	37,240	4,326	32,914	77.6	30,364	17,168	13,196	76.9
Texas.....	536	3,984	-3,448	-86.5	4,350	42,770	-38,420	-89.8	3,731	27,362	-23,631	-86.4
MOUNTAIN:												
Montana.....	6,034	2,093	4,031	201.2	111,214	33,120	78,094	235.8	82,669	16,546	66,123	399.6
Idaho.....	3,295	1,304	1,991	152.7	40,241	16,580	23,661	142.7	28,976	8,328	20,648	247.9
Wyoming.....	1,516	1,006	510	50.7	20,479	15,580	4,899	31.4	14,791	9,574	5,217	54.3
Colorado.....	15,715	2,148	13,567	631.6	198,025	26,180	171,845	656.4	123,530	13,876	109,654	790.2
New Mexico.....	257	48	209	(1)	2,913	1,064	1,849	173.8	2,650	701	1,949	278.0
Arizona.....	21	15	6	(1)	261	190	71	37.4	239	157	82	52.2
Utah.....	5,234	2,866	2,368	82.6	65,754	28,630	37,124	129.7	46,338	13,761	32,577	236.7
Nevada.....	43	129	-86	-66.7	850	2,114	-1,234	-58.4	941	1,716	-775	-45.2
PACIFIC:												
Washington.....	5,450	3,077	2,373	77.1	50,746	44,945	5,801	12.9	43,974	23,566	20,408	80.6
Oregon.....	12,913	10,050	2,863	28.0	147,024	109,234	37,790	34.6	132,756	67,053	65,703	98.0
California.....	7,027	62,925	-55,898	-88.5	70,683	524,451	-453,768	-88.5	65,846	253,486	-185,640	-73.9

¹ Per cent not calculated where base is less than 100.

² Includes Indian Territory.

BUCKWHEAT—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease. States are not named when the acreage was less than 1,000 in 1909.]

Table 30 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States	878,048	807,060	70,988	8.8	14,843,332	11,233,515	3,615,817	32.2	\$9,330,592	\$5,747,853	\$3,582,739	62.3
GEOGRAPHIC DIVISIONS:												
New England.....	28,725	42,767	-14,042	-32.8	602,715	807,336	-204,621	-25.3	400,081	350,148	49,933	14.3
Middle Atlantic.....	592,159	555,464	36,695	6.6	10,701,643	7,972,605	2,729,038	34.2	6,625,513	4,112,076	2,513,437	61.1
East North Central.....	139,971	123,357	16,614	13.5	1,897,474	1,427,420	470,054	32.9	1,222,109	762,559	459,550	60.3
West North Central.....	25,955	27,956	-1,550	-5.6	349,316	292,669	56,647	19.4	230,356	164,305	66,051	40.2
South Atlantic.....	84,864	55,542	29,322	52.8	1,216,608	704,147	512,461	72.8	791,546	341,567	449,979	131.7
East South Central.....	4,772	1,267	3,505	276.6	51,525	9,552	41,973	439.4	37,268	5,355	31,913	595.9
West South Central.....	121	107	14	13.1	987	924	63	6.8	854	744	110	14.3
Mountain.....	316	158	158	100.0	7,931	2,152	5,779	208.5	6,920	1,397	5,523	385.3
Pacific.....	1,165	893	272	30.5	21,133	16,710	4,423	26.5	15,945	9,702	6,243	64.3
NEW ENGLAND:												
Maine.....	15,552	25,292	-9,740	-38.5	316,782	468,320	-151,538	-32.4	189,516	185,836	3,680	2.0
New Hampshire.....	1,052	1,835	-783	-42.7	26,312	43,360	-17,048	-39.3	17,842	19,334	-1,492	-7.7
Vermont.....	7,659	9,910	-2,251	-22.7	174,394	196,016	-21,616	-11.0	122,050	90,275	31,775	35.2
Massachusetts.....	1,630	2,262	-632	-27.9	32,926	36,084	-3,108	-8.6	24,678	29,930	3,748	17.9
Connecticut.....	2,797	3,423	-626	-18.3	51,751	62,962	-11,211	-17.8	45,532	33,346	12,186	36.5
MIDDLE ATLANTIC:												
New York.....	286,276	289,862	-3,586	-1.2	5,091,745	3,815,350	1,876,395	49.2	3,587,558	2,045,737	1,541,821	75.4
New Jersey.....	13,155	15,762	-2,607	-16.5	212,548	234,275	-21,727	-9.3	141,997	120,479	21,518	17.9
Pennsylvania.....	292,728	249,840	42,888	17.2	4,797,350	3,922,980	874,370	22.3	2,895,958	1,945,860	950,098	48.8
EAST NORTH CENTRAL:												
Ohio.....	26,073	13,071	13,002	99.5	483,410	164,305	319,105	194.2	303,220	87,242	215,978	247.6
Indiana.....	6,965	8,084	-1,689	-19.4	84,991	102,340	-17,349	-17.0	56,617	51,300	5,317	10.4
Illinois.....	4,606	6,220	-1,524	-24.5	68,125	65,050	3,075	4.7	48,040	36,225	11,815	32.6
Michigan.....	75,909	55,669	20,240	36.4	958,119	605,830	352,289	58.1	594,748	396,311	288,437	94.2
Wisconsin.....	26,298	39,713	-13,415	-33.8	302,829	489,895	-187,066	-38.2	219,484	281,481	-61,997	-22.0
WEST NORTH CENTRAL:												
Minnesota.....	10,309	6,700	3,609	53.9	144,861	82,687	62,174	75.2	89,058	43,741	45,317	103.6
Iowa.....	9,066	13,834	-4,768	-34.5	120,559	151,120	-30,561	-20.2	86,941	84,842	2,099	2.5
Missouri.....	1,676	2,715	-1,039	-38.3	20,289	21,480	-1,191	-5.5	16,296	12,079	4,217	34.9
North Dakota.....	1,039	1,121	-82	-7.3	17,065	10,760	6,306	58.6	9,133	7,439	1,696	22.8
South Dakota.....	1,904	232	1,672	730.7	28,551	2,790	25,761	923.3	16,816	2,673	14,143	711.2
Nebraska.....	1,205	980	225	23.0	9,876	8,029	1,847	23.0	7,221	5,109	2,112	41.3
SOUTH ATLANTIC:												
Delaware.....	4,002	1,652	2,350	142.3	53,903	23,980	29,923	124.8	30,839	10,773	20,066	186.3
Maryland.....	10,388	8,047	2,341	29.1	152,216	115,950	36,266	31.3	99,216	58,623	40,593	69.2
Virginia.....	25,481	19,251	6,230	32.4	332,222	244,321	87,901	36.0	196,196	111,731	84,465	75.6
West Virginia.....	33,323	21,410	11,913	55.6	533,670	267,257	266,413	99.7	351,171	134,893	216,278	160.3
North Carolina.....	11,066	5,168	6,438	124.6	144,186	52,572	91,614	174.3	113,577	25,482	88,095	345.7
EAST SOUTH CENTRAL:												
Kentucky.....	1,887	84	1,803	(1)	18,074	879	17,195	1,956.2	12,028	615	11,413	1,855.8
Tennessee.....	2,867	1,173	1,694	144.4	33,249	8,597	24,652	286.8	25,678	4,690	20,388	434.7

1 Per cent not calculated where base is less than 100.

EMMER AND SPELT—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909.

[States are not named when the acreage was less than 1,000 in 1909.]

Table 31 DIVISION OR STATE.	Acreage.	Production (bushels).	Value.	DIVISION OR STATE.	Acreage.	Production (bushels).	Value.
United States	573,622	12,702,710	\$5,584,050	WEST NORTH CENTRAL:			
GEOGRAPHIC DIVISIONS:				Minnesota.....	30,891	757,339	\$338,841
New England.....	202	5,418	4,229	Iowa.....	7,256	139,839	65,436
Middle Atlantic.....	1,795	42,993	28,429	Missouri.....	7,935	104,540	47,543
East North Central.....	14,941	371,864	212,565	North Dakota.....	104,144	2,564,732	1,102,782
West North Central.....	522,487	11,672,769	5,009,772	South Dakota.....	259,611	6,098,982	2,627,533
South Atlantic.....	298	6,031	4,631	Nebraska.....	65,681	1,221,975	484,791
East South Central.....	99	2,076	1,851	Kansas.....	49,969	785,362	342,846
West South Central.....	13,295	139,028	81,942	WEST SOUTH CENTRAL:			
Mountain.....	18,644	407,187	205,483	Oklahoma.....	8,659	94,580	54,690
Pacific.....	1,861	55,344	35,118	Texas.....	4,624	44,316	27,118
MIDDLE ATLANTIC:				MOUNTAIN:			
New York.....	1,382	33,890	22,110	Montana.....	1,308	39,830	24,643
EAST NORTH CENTRAL:				Wyoming.....	1,521	35,677	22,918
Illinois.....	1,633	41,999	20,754	Colorado.....	15,523	324,713	153,008
Michigan.....	6,742	154,103	97,414				
Wisconsin.....	6,600	166,301	89,118				

FARM CROPS, BY STATES.

391

KAFIR CORN AND MILO MAIZE—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (−) denotes decrease. States are not named when the acreage was less than 1,000 in 1909.]

Table 32 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHEL).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States.....	1,835,153	266,513	1,368,640	513.5	17,597,305	5,169,113	12,428,192	240.4	\$10,818,940	\$1,367,040	\$9,449,900	691.3
GEOGRAPHIC DIVISIONS:												
New England.....	48		48		1,772		1,772		1,084		1,084	
Middle Atlantic.....	586	1	585	(1)	11,647	14	11,633	(1)	8,203	7	8,196	(1)
East North Central.....	1,185	137	1,048	765.0	22,779	2,312	19,967	710.1	14,242	888	13,354	1,503.8
West North Central.....	404,433	157,593	246,840	156.6	5,372,284	3,119,044	2,253,240	72.2	3,219,619	804,410	2,415,209	300.2
South Atlantic.....	230	40	190	(1)	3,561	618	2,943	476.2	2,918	307	2,611	850.5
East South Central.....	493	23	470	(1)	6,453	624	5,829	934.1	4,993	284	4,714	1,653.9
West South Central.....	1,107,406	83,340	1,019,066	1,153.5	10,536,612	1,620,590	8,916,022	550.2	6,330,665	365,802	5,964,863	1,630.6
Mountain.....	76,436	157	76,279	48,585.4	703,434	4,825	698,659	14,479.8	509,163	2,059	507,104	24,028.5
Pacific.....	44,336	20,222	24,114	119.2	935,713	420,586	515,127	123.2	726,048	193,283	532,765	275.6
WEST NORTH CENTRAL:												
Missouri.....	13,543	1,990	11,553	580.6	223,336	38,497	189,889	493.2	152,246	12,836	139,410	1,086.1
Nebraska.....	2,016	742	1,274	171.7	20,212	13,607	6,605	48.5	15,712	5,189	10,523	202.8
Kansas.....	388,495	154,706	233,789	151.1	5,115,415	3,063,781	2,051,634	67.0	3,046,799	785,276	2,261,523	288.0
WEST SOUTH CENTRAL:												
Arkansas.....	1,294	109	1,185	1,087.2	15,284	1,722	13,562	787.6	12,074	808	11,266	1,394.3
Oklahoma.....	532,515	965,418	467,097	714.0	4,658,752	1,136,772	3,521,980	309.8	2,531,036	1234,980	2,296,056	977.1
Texas.....	573,384	22,813	550,571	2,413.4	5,960,444	482,096	5,378,348	1,115.6	3,783,463	130,014	3,653,449	2,811.6
MOUNTAIN AND PACIFIC:												
Colorado.....	11,971	18	11,953	(1)	139,234	302	138,932	46,003.3	94,456	131	94,355	72,026.7
New Mexico.....	63,570	138	63,432	45,965.2	543,350	4,473	538,877	12,047.2	392,393	1,773	390,615	21,969.1
California.....	44,308	20,218	24,090	119.2	938,049	420,452	517,597	123.1	725,704	193,244	532,460	275.5

¹ Per cent not calculated where base is less than 100.

² Includes Indian Territory.

ROUGH RICE—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (−) denotes decrease.]

Table 33 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHEL).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States.....	610,175	342,214	267,961	78.3	21,838,580	9,002,886	12,835,694	142.6	\$16,019,607	\$6,329,562	\$9,690,045	153.1
GEOGRAPHIC DIVISIONS:												
South Atlantic.....	27,080	127,369	−100,289	−78.7	713,960	2,470,725	−1,756,769	−71.1	691,372	2,000,096	−1,309,624	−65.5
East South Central.....	560	4,424	−3,864	−87.3	10,006	59,934	−49,928	−83.3	10,547	59,455	−48,908	−82.3
West South Central.....	582,523	210,421	372,102	176.8	21,114,548	6,473,227	14,642,321	226.2	15,317,648	4,269,111	11,048,537	238.8
SOUTH ATLANTIC:												
Virginia.....		25	−25			137	−137			94	−94	
North Carolina.....	521	22,279	−21,758	−97.7	11,357	283,906	−272,549	−96.0	10,269	208,475	−198,206	−95.1
South Carolina.....	19,491	77,657	−58,166	−74.9	541,570	1,703,602	−1,162,032	−68.2	520,000	1,366,323	−846,323	−61.9
Georgia.....	6,445	21,998	−15,553	−70.7	148,098	401,963	−253,265	−63.0	145,513	338,567	−192,754	−56.9
Florida.....	623	5,410	−4,787	−88.5	12,341	81,697	−68,756	−84.8	15,290	87,332	−72,042	−82.5
EAST SOUTH CENTRAL:												
Alabama.....	279	2,329	−2,050	−88.0	5,170	33,343	−28,173	−84.5	5,179	30,891	−25,712	−83.2
Mississippi.....	281	2,095	−1,814	−86.6	4,836	26,591	−21,755	−81.8	5,368	28,564	−23,196	−81.2
WEST SOUTH CENTRAL:												
Arkansas.....	27,419	25	27,394	(1)	1,282,830	310	1,282,520	413,709.7	1,138,103	235	1,157,868	492,680.9
Louisiana.....	317,518	201,685	115,833	57.4	10,839,973	6,213,397	4,626,576	74.5	8,033,222	4,044,489	4,008,733	99.1
Texas.....	237,586	8,711	228,875	2,627.4	8,991,745	258,520	8,733,225	3,378.2	6,106,323	224,387	5,881,936	2,621.4

¹ Includes 12 acres, 60 bushels, valued at \$40, in States not shown.

² Per cent not calculated where base is less than 100.

OTHER GRAINS AND SEEDS.

According to ordinary usage, the term "grain" refers to the several cereals only, but it is sometimes applied to other seeds also, such as beans and peas and peanuts. The more comprehensive definition conforms to the usage of the Department of Agriculture, which has been adopted by the Census Bureau. Among the other seeds are included flaxseed, grass seed, flower and vegetable seeds, etc. The combined value of the production of the minor grains and seeds, of which the most important are beans, peas, peanuts, flaxseed, grass seed, and flower and vegetable seeds, amounted in 1909 to \$97,536,000, representing 1.8 per cent of the total value of all crops, including forest and nursery products. The statistics of acreage were not tabulated for grass seeds, or flower and vegetable seeds, chiefly for the reason that in many cases the raising of these seeds was incidental to the production of hay and forage crops and of flowers and vegetables, so that a presentation of the acreage would involve duplication. The total acreage of the minor grains and seeds for which acreage reports were secured amounted in 1909 to 5,157,000, or 1.1 per cent of the improved farm land of the country.

Dry edible beans.—Table 34 shows the statistics for dry edible beans. It does not include beans used green from vegetable gardens nor varieties of beans which are used mainly for feeding animals, such as horse beans, stock beans, and velvet beans, nor castor beans (the total acreage of which is very small). Beans used green from gardens are included with vegetables.

The acreage of dry edible beans in 1909 was 802,991, forming only 0.2 per cent of the total improved farm acreage of the country. The acreage in 1909 was 76.9 per cent greater than in 1899, and the production, which amounted to 11,251,000 bushels in 1909, was considerably more than twice as great. The value of the product increased from \$7,634,000 in 1899 to \$21,771,000 in 1909, or 185.2 per cent, the average value per bushel having advanced from \$1.51 to \$1.94. The value of the crop raised in 1909 represented 0.4 per cent of that of all crops. The East North Central division contained more than half of the total acreage of dry edible beans in the country in 1909. Other divisions with large acreages were the Pacific and Middle Atlantic, but in the latter the acreage was less in 1909 than in 1899.

The total acreage of the various other kinds of beans (not reported as dry edible beans or as beans used green from gardens) was 14,947 in 1909, as compared with 25,738 in 1899; the production was 179,733 bushels in 1909 and 143,388 in 1899; and the value \$241,060 in 1909, as compared with \$134,084 in 1899.

DRY EDIBLE BEANS—ACREAGE, PRODUCTION, AND VALUE.

Table 34 DIVISION OR STATE.	ACREAGE.		PRODUCTION (BUSHEL).S.		VALUE.	
	1909	1899	1909	1899	1909	1899
	United States.....	802,991	453,841	11,251,160	5,164,430	\$21,771,482	$7,633,636
GEOGRAPHIC DIVS.:						
New England.....	16,619	16,734	145,111	212,149	432,501	437,110
Middle Atlantic.....	117,370	131,681	1,696,468	1,387,290	3,723,350	2,517,273
East North Central.....	422,256	188,292	5,472,830	2,028,930	10,054,082	2,092,908
West North Central.....	9,189	12,495	94,841	128,427	199,498	194,441
South Atlantic.....	25,776	30,492	162,853	373,339	291,885	377,428
East South Central.....	18,481	14,110	114,022	126,869	189,809	142,511
West South Central.....	3,551	5,458	25,052	53,213	45,717	63,574
Mountain.....	30,847	7,581	200,402	80,852	546,188	153,204
Pacific.....	158,902	46,998	3,339,561	673,422	6,328,455	1,050,187
NEW ENGLAND:						
Maine.....	10,341	10,252	87,565	137,290	275,334	290,885
New Hampshire.....	3,180	2,892	22,546	29,990	62,783	62,799
Vermont.....	2,990	2,404	26,359	27,172	72,478	51,629
Massachusetts.....	440	629	4,978	7,739	12,282	15,688
Rhode Island.....	54	216	817	1,047	2,064	6,477
Connecticut.....	208	341	2,845	6,428	7,045	10,232
MIDDLE ATLANTIC:						
New York.....	115,698	129,298	1,681,506	1,369,445	3,689,064	2,472,669
New Jersey.....	403	201	2,941	2,888	6,150	5,888
Pennsylvania.....	1,269	2,182	12,021	23,957	28,136	38,719
E. NORTH CENTRAL:						
Ohio.....	1,139	1,828	13,605	19,042	30,682	33,307
Indiana.....	1,721	2,999	15,238	30,171	30,929	49,281
Illinois.....	1,153	3,451	6,866	30,122	12,842	46,684
Michigan.....	403,666	167,025	5,282,511	1,806,413	9,716,315	2,361,000
Wisconsin.....	14,574	12,989	154,570	143,182	263,914	206,216
W. NORTH CENTRAL:						
Minnesota.....	4,697	3,290	62,822	36,317	124,996	49,686
Iowa.....	615	2,427	5,699	24,903	12,428	38,296
Missouri.....	1,281	4,376	9,385	45,047	20,554	73,850
North Dakota.....	544	270	5,073	2,839	12,862	3,872
South Dakota.....	809	397	5,285	4,218	12,575	6,448
Nebraska.....	1,173	887	5,941	7,669	14,962	12,805
Kansas.....	70	848	636	7,284	1,321	9,485
SOUTH ATLANTIC:						
Delaware.....	55	100	648	1,333	1,387	1,822
Maryland.....	196	605	1,833	4,754	3,342	7,028
District of Columbia.....	1	1	1	1	1	38
Virginia.....	14,777	6,411	29,455	56,189	61,864	66,096
West Virginia.....	18,111	5,221	39,794	52,815	81,049	80,494
North Carolina.....	15,521	5,381	35,937	49,518	57,528	50,703
South Carolina.....	11,528	1,657	6,825	14,925	12,778	15,836
Georgia.....	12,947	1,927	16,546	17,489	30,018	17,982
Florida.....	2,641	9,189	31,335	176,304	43,919	139,349
E. SOUTH CENTRAL:						
Kentucky.....	112,434	5,633	70,557	49,190	105,399	57,872
Tennessee.....	13,398	5,563	19,526	48,736	49,966	57,660
Alabama.....	11,557	1,765	15,212	17,865	19,887	15,507
Mississippi.....	11,692	1,149	8,727	11,182	23,647	11,672
W. SOUTH CENTRAL:						
Arkansas.....	1,819	1,490	4,080	15,582	6,588	17,046
Louisiana.....	1,311	335	5,557	3,371	6,982	3,948
Oklahoma.....	1,578	7,755	2,520	6,130	5,942	16,928
Texas.....	11,846	2,878	12,985	28,129	26,208	40,652
MOUNTAIN:						
Montana.....	342	101	2,958	1,110	8,511	2,221
Idaho.....	1,915	457	33,816	5,886	76,314	9,979
Wyoming.....	273	26	1,876	285	5,018	746
Colorado.....	5,040	2,634	53,928	28,570	128,701	49,169
New Mexico.....	20,766	3,349	85,799	36,022	232,023	73,001
Arizona.....	2,301	805	18,457	6,637	44,997	12,700
Utah.....	196	176	3,352	1,806	10,006	4,085
Nevada.....	14	33	222	636	615	1,303
PACIFIC:						
Washington.....	353	296	3,311	3,830	9,656	7,034
Oregon.....	841	843	8,033	11,077	23,330	20,567
California.....	157,987	45,861	3,328,218	658,515	6,298,457	1,022,586

¹ A considerable amount of this acreage is probably a duplication of other crop acreage.

² Includes Indian Territory.

Dry peas.—Table 35 presents statistics for dry peas; it does not cover green peas, which are included under "vegetables."

In 1909 the acreage of dry peas in the United States as a whole was 1,305,099, equivalent to 0.3 per cent of the total improved farm acreage of the country. Although the acreage reported in 1909 was 34.8 per cent greater than in 1899, the production (7,129,000 bushels) showed a decrease of 24.5 per cent. On ac-

count of the material increase in the average value per bushel, however, the total value of the crop advanced from \$7,909,000 in 1899 to \$10,964,000 in 1909, when it constituted 0.2 per cent of the total value of all farm crops.

DRY PEAS—ACREAGE, PRODUCTION, AND VALUE.

TABLE 35 DIVISION OR STATE.	ACREAGE.		PRODUCTION (BUSHEL8).		VALUE.	
	1909	1899	1909	1899	1909	1899
	United States	1,305,099	985,370	7,129,294	9,440,210	\$10,963,735	$7,908,866
GEOGRAPHIC DIVS.:						
New England.....	824	3,050	7,784	48,130	15,348	58,506
Middle Atlantic.....	4,185	15,275	73,358	259,058	121,309	239,095
East South Central.....	227,430	154,216	2,935,773	2,351,514	3,336,025	1,939,048
West North Central.....	27,635	7,943	154,873	96,144	241,082	106,451
South Atlantic.....	667,705	440,378	2,242,243	3,568,991	1,805,792	2,874,088
East South Central.....	203,229	251,851	882,471	2,099,077	1,500,726	1,962,651
West South Central.....	138,902	81,033	478,761	730,703	1,085,149	765,548
Mountain.....	28,598	7,733	328,201	114,180	495,132	92,708
Pacific.....	6,591	6,791	157,844	171,813	233,116	169,871
NEW ENGLAND:						
Maine.....	537	2,300	4,963	35,991	10,134	44,618
New Hampshire.....	122	146	934	1,533	1,955	2,210
Vermont.....	127	408	1,262	6,945	2,992	7,730
Massachusetts.....	30	122	480	2,259	944	2,125
Rhode Island.....	4	45	73	940	102	1,195
Connecticut.....	4	29	72	462	121	628
MIDDLE ATLANTIC:						
New York.....	4,007	14,745	71,848	251,889	117,558	230,609
New Jersey.....	91	45	883	806	1,711	808
Pennsylvania.....	87	482	989	6,363	2,100	7,618
E. SOUTH CENTRAL:						
Mississippi.....	323	506	3,041	7,521	5,298	7,410
Indiana.....	13,082	533	88,254	7,357	133,996	7,348
Illinois.....	41,076	12,982	185,020	103,386	273,373	110,554
Ohio.....	94,832	71,576	1,162,403	1,134,431	1,337,430	689,133
Wisconsin.....	76,017	68,819	1,165,055	1,098,819	1,645,928	824,603
W. NORTH CENTRAL:						
Minnesota.....	835	670	14,964	9,021	18,384	9,338
Iowa.....	731	1,556	9,007	27,606	11,069	24,473
Missouri.....	23,036	5,316	109,657	54,763	180,301	68,701
North Dakota.....	399	84	5,543	710	8,368	901
South Dakota.....	1,783	37	10,598	452	11,223	1,091
Nebraska.....	26	126	1,569	1,586	308	2,041
Kansas.....	825	151	5,255	2,066	10,739	2,906
SOUTH ATLANTIC:						
Delaware.....	1,615	518	12,521	4,650	25,278	5,056
Maryland.....	742	947	5,603	12,459	11,143	12,725
District of Columbia.....						
Virginia.....	1,120,991	22,206	66,488	219,142	127,211	218,477
West Virginia.....	1,232	226	651,490	3,613	3,312	3,731
North Carolina.....	1,169,634	88,407	651,567	876,167	1,024,228	649,194
South Carolina.....	1,265,632	143,070	711,853	1,162,705	1,311,454	859,692
Georgia.....	1,210,315	167,032	736,009	1,130,441	1,204,783	953,241
Florida.....	1,744	17,875	56,713	159,814	98,383	171,702
E. SOUTH CENTRAL:						
Kentucky.....	1,846	8,394	44,772	83,089	84,514	90,739
Tennessee.....	1,36,640	82,841	133,924	760,663	245,344	767,840
Alabama.....	1,83,034	91,126	418,007	665,388	660,270	536,793
Louisiana.....	1,73,090	69,490	285,768	590,537	570,508	867,279
W. SOUTH CENTRAL:						
Arkansas.....	1,52,730	31,414	229,444	245,894	376,076	255,709
Louisiana.....	33,150	15,190	161,659	148,288	252,362	156,843
Oklahoma.....	1,5,245	4,453	33,282	4,049	63,857	4,690
Texas.....	4,6,777	33,974	254,361	333,462	402,854	349,306
MOUNTAIN:						
Montana.....	1,184	1,512	21,670	32,265	37,757	33,273
Idaho.....	224	170	4,375	2,506	9,160	4,058
Wyoming.....	326	13	9,231	232	9,552	305
Colorado.....	24,230	3,621	258,281	47,461	397,540	29,906
New Mexico.....	12,485	2,220	30,829	28,071	35,077	20,365
Arizona.....	30	30	30	866	284	1,205
Utah.....	126	143	3,222	2,694	5,733	3,564
Nevada.....	4	4	85	85	85	92
PACIFIC:						
Washington.....	3,196	3,573	91,032	91,989	116,065	78,124
Oregon.....	436	1,304	9,344	22,615	16,035	21,114
California.....	2,959	2,014	57,468	57,299	101,016	70,633

¹ A considerable amount of this acreage is probably a duplication of other crop acreage.

² Includes Indian Territory.

The leading division with respect to acreage of dry peas is the South Atlantic, which in 1909 reported more than half of the total, but the production in this division was less in 1909 than that in the East North Central division, which ranked second in acreage. The marked increase reported in the acreage devoted to this crop in the South Atlantic division is probably

more apparent than real, inasmuch as peas are often planted in conjunction with some other crop, and it seems certain that for 1909 the enumerators more frequently duplicated such acreage in their reports than they did for 1899. The East South Central and West South Central divisions ranked third and fourth, respectively, in acreage and production in 1909.

Peanuts.—Table 36 shows that the production of peanuts is practically confined to the southern states.

PEANUTS—ACREAGE, PRODUCTION, AND VALUE.

TABLE 36 STATE.	ACREAGE.		PRODUCTION (BUSHEL8).		VALUE.	
	1909	1899	1909	1899	1909	1899
	United States	869,887	516,658	19,415,816	11,864,109	\$18,271,929	$7,270,515
Alabama.....	100,609	78,878	1,573,796	1,021,708	1,490,654	583,223
Arkansas.....	10,192	5,233	168,608	75,237	183,364	69,632
California.....	99	433	2,991	15,461	2,889	12,650
Florida.....	126,150	69,452	2,315,089	997,927	2,146,862	699,713
Georgia.....	160,317	100,589	2,569,787	1,435,775	2,440,926	953,749
Kansas.....	48	225	2,047	4,516	2,669	4,306
Louisiana.....	25,020	3,107	412,037	45,713	422,232	44,785
Mississippi.....	13,997	5,833	284,701	95,738	317,226	89,350
Missouri.....	130	271	3,239	6,679	4,040	6,407
New Mexico.....	126	1	1,375	10	2,177	12
North Carolina.....	195,134	95,856	5,980,919	3,460,459	5,368,826	1,832,110
Oklahoma.....	1,564	1,205	31,889	150,428	34,984	130,990
South Carolina.....	7,596	7,162	154,822	131,710	144,211	106,018
Tennessee.....	18,952	19,534	547,240	747,663	386,765	392,648
Texas.....	64,327	10,734	1,074,998	184,860	1,075,110	178,542
Virginia.....	145,213	116,014	4,294,340	3,713,347	4,289,832	2,261,148
All other states.....	413	207	7,876	3,893	9,152	4,032

¹ Includes Indian Territory.

The acreage of peanuts in 1909 was 869,887, representing 0.2 per cent of the total improved farm acreage in the country as a whole. In the South the proportion of the improved farm acreage that was devoted to peanuts was 0.6 per cent. The total acreage of peanuts in the United States in 1909 was 68.4 per cent greater than in 1899, and the production in 1909, 19,416,000 bushels, was 62.3 per cent greater than 10 years before.

The value of the crop in 1909, \$18,272,000, which formed 0.3 per cent of the total value of all crops, was more than two and one-half times as great as that in 1899. The average value per bushel increased from \$0.61 to \$0.94. The leading states in the production of peanuts are North Carolina, Georgia, Virginia, Florida, and Alabama, in the order named, the acreage in each of these states in 1909 exceeding 100,000. Other states in which there has been a very marked increase in the acreage of peanuts are Louisiana, Mississippi, and Texas.

Flaxseed.—In the United States flax is raised primarily for the sake of the seed, much less use being made of the fiber than in some of the other countries where this crop is grown. The production of flaxseed, as shown by Table 37, is almost wholly confined to the North Central and Mountain divisions.

The total acreage in flax in 1909 was 2,083,142, or 0.4 per cent of the total improved farm acreage of the country, and the total production was 19,513,000 bushels. Both acreage and production in 1909 were

slightly less than in 1899, but the value increased from \$19,625,000 in 1899 to \$28,971,000 in 1909, or 47.6 per cent, the average value per bushel increasing from \$0.98 to \$1.48. In 1909 the value of this crop represented 0.5 per cent of the total for all crops. The values given in the table represent the seed only. The Census Bureau did not undertake to ascertain the total value of flax straw produced, but an inquiry was made as to the amount received from sales of flax straw and flax fiber, an item which probably represents approximately the value of the straw produced, since it is used but little on the farm. The reported receipts from sales of flax straw and fiber in 1909 amounted to \$90,832.

FLAXSEED—ACREAGE, PRODUCTION, AND VALUE.

STATE.	ACREAGE.		PRODUCTION (BUSHEL.)		VALUE.	
	1909	1899	1909	1899	1909	1899
	United States.....	2,083,142	2,110,517	19,512,765	19,979,492	\$28,970,554	$19,624,901
California.....	240	904	1,882	12,610	3,224	10,559
Colorado.....	2,887	434	13,462	1,820	17,485	1,851
Idaho.....	81	17,239	608	134,180	916	121,682
Illinois.....	115	394	1,650	4,336	1,548	4,705
Indiana.....	39	171	179	1,394	245	1,412
Iowa.....	15,549	126,453	140,906	1,413,330	182,569	1,380,102
Kansas.....	45,014	192,167	302,491	1,417,770	327,402	1,262,487
Louisiana.....	312	883	2,245	4,220	4,920	9,108
Michigan.....	358,426	566,801	3,277,238	5,805,479	4,863,328	5,998,556
Missouri.....	29,630	100,932	154,532	611,888	168,771	519,929
Montana.....	37,647	16	447,484	220	676,945	268
Nebraska.....	2,984	7,632	20,647	54,394	30,183	53,793
New York.....	58	159	400	1,350	887	1,485
North Dakota.....	1,068,049	773,999	10,245,684	7,766,610	15,483,016	7,735,640
Ohio.....	552	3,092	4,809	29,821	6,307	28,935
Oklahoma.....	1,030	3,544	9,003	30,110	11,945	16,622
Oregon.....	38	2,016	391	8,740	567	8,564
South Dakota.....	518,566	302,010	4,759,794	2,452,528	7,001,717	2,422,260
Washington.....	1	149	14	850	20	767
Wisconsin.....	9,423	11,283	118,793	149,765	167,848	143,239
Wyoming.....	1,110	1	5,983	1	7,858	1
All other states.....	174	219	2,061	1,938	3,600	1,928

¹ Includes Indian Territory.

The acreage of flax in North Dakota in 1909 was more than half of the total for the country. South Dakota ranked next and Minnesota third, while no other state had as much as 50,000 acres. Between 1899 and 1909 there was a marked falling off in the acreage of flax in Idaho, Iowa, Kansas, Minnesota, and Missouri, but a marked increase in North Dakota and South Dakota, and in Montana, where the crop, which was insignificant in 1899, had become of considerable importance in 1909.

Grass seed and flower and vegetable seeds.—Table 38 presents statistics of grass seed and flower and vegetable seeds, by states.

As already stated, the acreage from which grass seed and flower and vegetable seeds were raised has not been tabulated. In some cases such acreage was not reported, and in many other cases it would represent a duplication of the acreage reported for hay and forage, flowers and plants, and vegetables. The reported production of flower and vegetable seeds doubtless represents chiefly that of farms producing such seeds for sale, small quantities raised by farmers for their own use presumably being often, if not generally,

omitted. Since statements of quantity for all classes of flower and vegetable seeds combined would obviously have no significance, only the total value of these seeds is shown in Table 38. For the country as a whole the value in 1909 was \$1,411,000. The most important states in the production of such seeds in 1909 were California, Illinois, New York, and Ohio.

GRASS SEED AND FLOWER AND VEGETABLE SEEDS.

Table 38

STATE.	GRASS SEED.				FLOWER AND VEGETABLE SEEDS.	
	Production (bushels).		Value.		Value.	
	1909	1899	1909	1899	1909	1899
United States.....	6,671,348	4,865,078	\$137,683	\$8,228,417	\$1,411,013	\$826,619
NEW ENGLAND:						
Maine.....	527	936	1,544	3,810	950	3,082
New Hampshire.....	142	47	556	121	1,319	855
Vermont.....	601	168	1,538	296	2,670	463
Massachusetts.....	3,397	167	4,163	587	40,692	40,692
Rhode Island.....	19	586	39	1,900	2,664	1,900
Connecticut.....	765	314	2,429	428	37,302	44,181
MIDDLE ATLANTIC:						
New York.....	17,879	11,449	88,239	47,790	72,991	54,148
New Jersey.....	12,804	5,187	14,759	2,785	53,300	45,191
Pennsylvania.....	24,454	50,122	116,108	182,500	36,316	104,229
E. NORTH CENTRAL:						
Ohio.....	288,605	388,721	1,352,136	1,418,689	67,303	33,899
Indiana.....	165,488	535,145	785,041	1,320,119	8,414	8,502
Illinois.....	1,289,996	652,705	1,719,420	650,463 ¹	194,626	71,456
Michigan.....	151,567	88,541	964,655	315,000	44,106	28,700
Wisconsin.....	262,301	141,705	1,499,401	446,730	42,583	15,336
W. NORTH CENTRAL:						
Minnesota.....	945,666	561,973	1,496,438	529,301	6,645	9,249
Iowa.....	1,118,044	1,292,072	1,721,289	1,215,763	4,833	6,044
Missouri.....	257,872	278,497	756,445	423,395	17,726	15,416
North Dakota.....	74,162	14,645	69,024	10,654	1,075	655
South Dakota.....	424,623	80,196	594,570	30,141	25,914	1
Nebraska.....	120,423	49,572	451,347	69,782	39,377	77,495
Kansas.....	324,231	281,388	796,397	292,597	20,827	44,161
SOUTH ATLANTIC:						
Delaware.....	5,878	3,515	29,928	14,290	507	1,831
Maryland.....	16,080	11,100	72,785	46,780	8,792	7,183
Virginia.....	49,631	25,104	74,979	40,600	5,583	3,284
West Virginia.....	2,645	4,384	8,726	16,160	190	750
North Carolina.....	2,071	1,640	4,963	3,921	2,501	8,882
South Carolina.....	214	221	459	243	91	505
Georgia.....	2,197	506	2,508	442	975	3,669
Florida.....	1,136	37	4,290	37	200	3,622
E. SOUTH CENTRAL:						
Kentucky.....	612,406	278,680	538,219	198,793	15,558	8,668
Tennessee.....	58,486	84,366	92,230	104,477	1,568	458
Alabama.....	537	876	1,110	1,027	240	1,510
Mississippi.....	361	606	1,028	1,032	19	153
W. SOUTH CENTRAL:						
Arkansas.....	1,180	500	4,493	2,039	836	2,447
Louisiana.....	11,208	271	30,343	500	3,083	5,000
Oklahoma.....	25,825	14,818	149,070	13,332	7,233	4,835
Texas.....	21,351	20,492	99,133	13,974	22,932	2,901
MOUNTAIN:						
Montana.....	14,204	1,226	96,103	3,682	760	900
Haho.....	30,483	3,585	172,012	13,785	5,398	250
Wyoming.....	17,411	5,080	85,120	20,206	275	75
Colorado.....	51,208	13,635	162,822	58,295	13,395	11,113
New Mexico.....	9,692	45	46,935	320	151	.....
Arizona.....	22,518	1,752	156,840	6,868	.....	.....
Utah.....	52,604	35,367	313,814	127,988	700	10,330
Nevada.....	530	157	3,363	938	10	900
PACIFIC:						
Washington.....	3,355	837	9,388	1,546	37,571	11,667
Oregon.....	151,016	26,385	364,852	21,460	6,089	10,448
California.....	25,535	15,522	206,034	69,397	594,724	121,896

¹ Includes Indian Territory.

Table 39 shows, by geographic divisions, for 1909 and 1899, the total quantity and value of grass seed produced, and also, for 1909, the production and value of the leading classes. The acreage of grass seed is not shown, for the reason that in most cases it would involve duplication of the acreage reported for the grasses themselves under hay and forage crops.

The total value of the grass seed produced in 1909 was \$15,138,000, which constitutes 0.3 per cent of the

total value of farm crops and represents an increase of 84 per cent over the value in 1899. Much the larger part of the production of grass seed, considered as a group, was reported from the West and East North Central divisions. As measured by value, clover seed

is the most important kind of grass seed, followed by timothy and alfalfa. The East North Central division leads in the production of clover seed, the West North Central in that of timothy seed and millet seed, and the Mountain in that of alfalfa seed.

GRASS SEED—PRODUCTION AND VALUE.

DIVISION.	ALL GRASS SEED.				CLASSES OF GRASS SEED: 1909									
	Production (bushels).		Value.		Clover.		Timothy.		Alfalfa.		Millet.		All other.	
	1909	1899	1909	1899	Production (bushels).	Value.	Production (bushels).	Value.	Production (bushels).	Value.	Production (bushels).	Value.	Production (bushels).	Value.
United States.....	6,671,348	4,865,078	\$15,137,683	\$8,228,417	1,025,816	\$8,925,122	2,878,790	\$4,018,951	263,328	\$2,051,840	688,270	\$491,566	1,915,144	\$1,650,204
New England.....	5,451	2,168	10,269	6,097	500	2,966	1,715	3,868			3,014	2,925	222	510
Middle Atlantic.....	55,137	69,758	219,146	235,085	22,108	164,201	27,969	47,280	247	2,479	3,465	3,405	1,329	1,781
East North Central.....	2,157,957	1,696,878	6,326,653	4,651,031	746,820	5,021,888	345,474	1,558,557	1,038	5,105	35,215	26,282	1,029,393	708,821
West North Central.....	3,265,021	2,558,743	5,915,510	2,571,033	202,259	1,373,395	2,455,911	3,329,264	85,801	713,339	423,778	338,349	97,272	161,163
South Atlantic.....	78,352	46,513	196,638	122,422	17,365	115,078	13,628	21,456	2	20	2,293	2,943	45,064	59,141
East South Central.....	671,793	364,451	632,743	305,329	8,200	55,408	14,159	17,052	64	516	49,554	52,308	599,833	504,459
West South Central.....	59,624	25,076	223,441	19,845	2,118	11,375	1,497	2,345	15,194	147,083	23,169	32,800	11,649	23,146
Mountain.....	198,110	69,767	1,037,009	227,172	7,931	56,204	15,106	32,439	128,913	911,708	41,699	32,294	4,461	5,364
Pacific.....	179,906	42,744	580,274	92,403	18,514	122,607	3,334	6,690	32,049	270,988	88	170	125,921	179,819

Minor seeds.—Table 40 shows, for 1909, the acreage, quantity, and value of the minor seeds produced in the United States as a whole and in the states which lead in the production of each kind. Mustard seed is used mainly as a condiment and sunflower seed probably largely for poultry feed, but the other classes of seeds are for the most part raised for the purpose of planting.

It is probable that the quantities reported do not represent the entire production of these classes of seeds, as they were not listed by name in the census schedule. The combined acreage of all these classes of seeds in 1909 was only 81,308, and the total value \$769,000. Of the total acreage reported, 72,497 were devoted to sorghum cane seed. The quantity produced was reported to be 833,707 bushels, valued at \$544,322. Kansas, Nebraska, Texas, and Oklahoma lead in production.

It is believed that in most cases the acreage shown in this table for seeds is separate from and additional to the acreage of the corresponding products, and therefore does not involve duplication.

MINOR SEEDS—ACREAGE, PRODUCTION, AND VALUE: 1909.

KIND OF SEED AND STATE.	Acreage.	Production (bushels).	Value.
Total	81,308		\$768,625
Sorghum cane seed, total.....	72,497	833,707	544,322
Colorado.....	704	9,147	5,799
Illinois.....	155	3,122	1,894
Kansas.....	53,706	656,522	404,329
Missouri.....	456	6,054	4,775
Nebraska.....	7,209	83,134	46,899
New Mexico.....	193	1,021	1,248
Oklahoma.....	4,250	30,455	23,079
Texas.....	5,483	38,682	50,255
All other states.....	341	5,589	6,054
Mustard seed:			
California.....	1,964	13,168,270	100,771
Sunflower seed, total.....	4731	63,677	58,318
California.....	257	6,855	6,264
Illinois.....	3,969	49,004	44,539
Indiana.....	430	6,330	5,834
All other states.....	75	1,488	1,621
Hemp seed:			
Kentucky.....	563	5,416	20,007
Chufa seed:			
Georgia.....	481	12,531	23,194
Broom corn seed, total.....	1,071	6,833	14,752
Illinois.....	30	1,011	5,050
New Mexico.....	754	583	1,627
Texas.....	702	1,216	3,404
All other states.....	155	4,023	4,671
Tobacco seed, total.....	1	1359	1,789
Pennsylvania.....	(*)	1290	1,400
All other states.....	(*)	189	389
All other seeds ²	(*)		512

¹ Expressed in pounds. ² Less than 1 acre.
³ Includes golden seal seed and anise seed.

HAY AND FORAGE.

The acreage devoted to hay and forage (Table 42) in 1909 was 72,281,000 and in 1899 was 61,691,000, representing an increase of 17.2 per cent. During the same period the production increased from 79,252,000 tons in 1899 to 97,454,000 in 1909, or 23 per cent, while the value of the crop reported in 1909 was \$824,000,000, or 70.2 per cent greater than that reported in 1899, \$484,000,000. In 1909 hay and forage occupied 15.1 per cent of all improved farm land and contributed 15 per cent of the total value of all crops. A map on page 385 shows the distribution of the hay and forage acreage among the states.

The hay and forage acreage in 1909 was equal to 37.8 per cent of that devoted to all cereals and 73.5 per cent of that occupied by corn alone, but was much larger than that of any of the other cereals. It was equivalent to 15.1 per cent of the improved farm land of the country, but it may be noted that, particularly in the regions west of the Mississippi River, considerable hay is harvested on land which has never been under the plow and which is probably mostly reported as unimproved land. Of the hay and forage acreage reported in 1900 over one-third was in the West North Central division. This division has an acreage nearly twice as great as the East North Central, which ranks second, and over three times as great as the Middle Atlantic, which ranks third. Among the states with a large acreage Iowa and New York are almost equally important, each having in excess of 5,000,000 acres. One other state, Nebraska, has over 4,000,000 acres, eight other states over 3,000,000 acres, four more over 2,000,000 acres, and seven have between 1,000,000 and 2,000,000 acres. The crop is thus more widely distributed than any cereal crop.

Table 41 gives the share of each geographic division and of the more important states in the hay and forage acreage, and the percentage which the acreage of this crop forms of the total improved land in farms in each division and state, together with the average yield per acre and the average value per ton and per acre.

Each of the 11 states here listed had at least 4 per cent of the total hay and forage acreage in the United States for 1909, and together they contained 58.9 per cent of this total. In only 3 of these states, Illinois, Missouri, and Kansas, does the proportion of improved land in farms which is devoted to hay and forage fall below the average for the United States. In New York the acreage of hay and forage is equal to about one-third of the improved land in farms, in Wisconsin and Pennsylvania to practically one-fourth, and in South Dakota and Minnesota to about one-fifth.

During the decade the New England and Middle Atlantic divisions lost slightly in acreage, but in the other divisions the gains, both absolute and relative, were for the most part considerable. In the two

divisions which lost in acreage there was a decrease in all the states except Vermont. In those divisions which had a greater acreage in 1909 than in 1899 the only states which did not share in the increase were Indiana and Kansas.

DIVISION OR STATE.	ACREAGE: 1909:		AVERAGE YIELD IN TONS PER ACRE.		AVERAGE VALUE PER TON.		AVERAGE VALUE PER ACRE.	
	Per cent of United States total.	Per cent of improved land.						
			1909	1899	1909	1899	1909	1899
United States.....	100.0	15.1	1.35	1.28	\$8.46	\$5.76	\$11.40	\$7.85
New England.....	5.3	52.3	1.23	1.13	12.69	9.48	15.57	10.78
Middle Atlantic.....	11.8	23.1	1.32	1.19	11.56	8.97	15.31	11.08
East North Central.....	20.4	16.6	1.38	1.22	9.06	6.26	12.52	8.57
West North Central.....	37.9	16.7	1.33	1.34	5.82	3.48	7.71	4.78
South Atlantic.....	4.0	5.9	1.02	1.02	12.97	9.06	13.25	13.38
East South Central.....	3.4	5.7	1.03	1.03	11.55	8.39	11.92	10.43
West South Central.....	4.5	5.6	1.03	1.48	8.80	3.98	9.09	6.15
Mountain.....	6.9	31.2	1.73	1.59	7.73	5.15	13.38	8.21
Pacific.....	5.8	19.1	1.73	1.44	10.20	6.31	17.69	9.06
Iowa.....	7.0	17.1	1.55	1.42	7.59	4.38	11.76	6.46
New York.....	7.0	34.0	1.40	1.23	10.96	8.65	15.34	10.72
Nebraska.....	6.3	18.5	1.28	1.24	5.49	3.19	7.02	3.98
Kansas.....	5.5	13.2	1.50	1.63	5.40	2.56	8.99	4.27
Minnesota.....	5.5	20.1	1.53	1.37	4.43	3.31	6.77	4.62
Missouri.....	5.0	14.8	1.13	1.17	8.27	4.73	9.33	5.88
South Dakota.....	4.8	21.7	1.06	1.04	4.18	2.50	4.44	2.60
Illinois.....	4.6	11.9	1.30	1.18	9.31	6.01	12.11	7.63
Ohio.....	4.0	15.2	1.37	1.20	9.37	6.93	12.81	9.63
Pennsylvania.....	4.3	24.4	1.19	1.15	14.21	9.33	14.77	11.47
Wisconsin.....	4.3	25.9	1.62	1.37	8.17	5.25	13.27	8.03

The average yield of hay and forage per acre in the United States in 1909 was 1.35 tons. This average was exceeded considerably in the Mountain and Pacific divisions, but of the more easterly divisions only the East North Central showed a yield larger than the average. The average yield per acre in the country as a whole was slightly greater in 1909 than in 1899. In one division only, the West South Central, was the yield appreciably smaller in 1909, though in three, the West North Central, East South Central, and South Atlantic, it was the same or practically the same in the two years. In only two of the states named in the table, Kansas and Missouri, was the yield per acre smaller in 1909 than 10 years earlier.

As the result of the increases in acreage or in yield per acre there was, in every division except the West South Central, an increase in the total yield. In that division the falling off in average yield more than balanced the effect of the increased acreage. In the New England and the Middle Atlantic divisions larger crops were harvested in 1909 than in 1899, in spite of a decrease in acreage. In the East North Central, Mountain, and Pacific divisions the percentages of increase in production were greater than those in acreage. In the West North Central division, where the largest crop was harvested, and in the East South Central and South Atlantic divisions the relative gain in production follows closely that in acreage. The unfavorable conditions in the Southwest are reflected by a decreased production in Oklahoma and Texas, where the acreage increased. In Kansas there was a relative decrease in production greater than that in acreage.

FARM CROPS, BY STATES.

397

HAY AND FORAGE—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 42 DIVISION OR STATE.	ACREAGE.				PRODUCTION (TONS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
United States.....	72,280,776	61,691,069	10,589,707	17.2	97,453,736	79,251,562	18,202,173	23.0	\$824,004,877	\$484,256,763	\$339,750,174	70.2
GEOGRAPHIC DIVISIONS:												
New England.....	3,797,598	4,030,025	-232,427	-6.2	4,659,906	4,576,865	83,041	1.8	59,112,700	43,662,239	15,450,461	35.4
Middle Atlantic.....	8,532,793	8,869,016	-336,223	-3.8	11,302,178	10,531,446	770,732	7.1	130,611,620	98,297,195	32,314,425	32.9
East North Central.....	14,750,878	13,528,065	1,222,813	9.0	20,391,562	16,462,276	3,929,286	23.9	184,707,528	115,904,044	68,803,484	59.4
West North Central.....	27,398,258	22,147,977	5,250,281	23.7	36,326,167	29,696,529	6,629,638	22.3	211,305,443	105,962,362	105,343,081	99.4
South Atlantic.....	2,856,398	2,161,201	695,197	32.2	2,917,870	2,194,115	723,755	33.0	37,836,676	28,925,431	8,910,245	30.8
East South Central.....	2,487,554	1,513,370	974,184	64.4	2,565,716	1,563,909	1,001,807	64.1	29,644,661	16,079,741	13,564,920	84.4
West South Central.....	3,276,291	2,370,292	905,999	38.2	3,383,010	3,519,416	-136,406	-3.9	29,783,321	14,583,492	15,199,829	104.2
Mountain.....	4,965,543	3,582,500	1,382,983	38.6	8,600,736	5,707,443	2,893,293	50.7	66,412,108	29,424,695	37,017,413	125.8
Pacific.....	4,215,463	3,468,563	746,900	21.5	7,306,590	4,979,563	2,327,027	46.7	74,560,820	31,414,504	43,146,316	137.3
NEW ENGLAND:												
Maine.....	1,255,011	1,270,254	-15,243	-1.2	1,113,095	1,133,932	-20,837	-1.8	15,115,821	10,641,546	4,474,275	42.0
New Hampshire.....	529,817	615,042	-85,225	-13.9	582,454	653,265	-70,811	-10.8	7,846,143	6,336,252	1,509,891	23.8
Vermont.....	1,030,618	1,066,375	24,243	2.4	1,502,730	1,329,972	172,758	13.0	16,335,530	10,544,825	5,790,705	54.9
Massachusetts.....	519,503	610,023	-90,520	-14.8	831,955	848,950	-16,995	-2.0	21,305,443	9,656,854	2,224,135	24.6
Rhode Island.....	61,327	69,776	-8,449	-12.1	80,306	75,410	4,896	6.5	1,309,717	1,081,482	223,235	20.1
Connecticut.....	401,322	478,555	-77,233	-16.1	549,366	535,336	14,030	2.6	7,204,500	6,001,280	1,223,220	21.4
MIDDLE ATLANTIC:												
New York.....	5,043,373	5,154,965	-111,592	-2.2	7,055,429	6,319,475	735,954	11.6	77,360,645	55,237,446	22,123,199	40.1
New Jersey.....	401,315	444,610	-43,295	-9.7	569,442	465,137	104,305	22.4	7,627,402	5,544,970	2,082,432	37.6
Pennsylvania.....	3,088,105	3,269,441	-181,336	-5.5	3,677,307	3,766,834	-89,527	-2.4	45,623,573	37,514,779	8,108,794	21.6
EAST NORTH CENTRAL:												
Ohio.....	3,306,461	3,015,261	291,200	9.7	4,521,409	3,629,722	891,687	24.6	42,357,364	29,047,532	13,309,832	45.8
Indiana.....	2,300,579	2,412,414	-111,835	-5.8	2,850,104	2,905,608	-55,504	-0.9	26,883,461	20,227,197	6,656,264	23.0
Illinois.....	3,349,435	3,343,910	5,525	0.2	4,354,466	3,948,563	405,903	10.3	40,560,220	25,568,619	14,991,601	58.6
Michigan.....	2,715,301	2,328,498	386,803	16.6	3,632,939	2,703,214	929,725	34.4	36,040,057	21,792,987	14,247,100	65.4
Wisconsin.....	3,079,102	2,397,982	681,120	28.4	5,002,644	3,275,169	1,727,475	52.7	40,866,396	19,267,709	21,598,687	112.1
WEST NORTH CENTRAL:												
Minnesota.....	3,946,072	3,157,690	788,382	25.0	6,036,747	4,339,323	1,697,419	39.1	26,724,801	14,585,281	12,139,520	83.2
Iowa.....	5,048,185	4,649,378	398,807	8.5	7,823,181	6,600,169	1,223,012	18.5	59,300,225	30,042,246	29,317,979	97.6
Missouri.....	3,628,348	3,481,506	146,842	4.2	4,091,342	4,062,199	29,143	0.7	33,845,094	20,467,501	13,377,593	65.4
North Dakota.....	2,864,218	1,410,534	1,453,684	103.1	3,010,401	1,747,390	1,263,011	72.3	12,308,014	5,182,917	7,185,097	138.6
South Dakota.....	3,436,656	2,287,875	1,148,781	50.2	3,651,024	2,378,392	1,272,632	53.5	15,243,664	5,954,229	9,289,435	156.0
Nebraska.....	4,520,034	2,833,652	1,686,382	60.1	5,776,475	3,502,380	2,274,095	64.9	31,739,991	11,230,901	20,508,790	182.5
Kansas.....	3,957,745	4,337,342	-379,597	-8.8	5,936,997	7,066,671	-1,129,674	-16.0	32,033,954	18,499,287	13,534,667	73.2
SOUTH ATLANTIC:												
Delaware.....	80,669	74,800	5,869	7.8	103,575	79,303	24,272	30.6	1,174,473	989,848	184,625	18.7
Maryland.....	398,842	374,848	23,994	6.4	477,564	415,197	62,367	15.0	6,011,749	4,709,072	1,302,677	27.7
District of Columbia.....	962	1,228	-266	-21.7	2,148	2,241	-93	-4.2	25,633	22,772	2,861	12.6
Virginia.....	773,577	612,962	160,615	26.2	823,333	627,979	195,404	31.1	10,256,968	7,670,082	2,586,916	33.7
West Virginia.....	705,900	601,935	106,965	17.8	639,104	541,084	98,020	18.1	7,492,747	5,517,073	1,975,674	35.8
North Carolina.....	375,795	429,998	-145,797	-34.4	369,332	246,820	122,512	49.6	6,187,562	4,242,561	1,945,001	46.2
South Carolina.....	209,767	106,124	103,643	97.7	186,131	108,856	77,245	70.9	3,189,122	2,304,734	884,388	38.4
Georgia.....	253,157	137,312	115,845	84.4	261,333	150,224	111,109	74.0	4,056,907	3,034,992	1,021,915	33.7
Florida.....	54,729	21,994	32,735	148.8	55,300	22,381	32,919	147.1	847,455	435,297	412,158	94.7
EAST SOUTH CENTRAL:												
Kentucky.....	966,377	683,139	283,238	41.5	957,241	655,066	302,175	46.1	10,306,344	6,100,647	4,205,697	68.9
Tennessee.....	1,052,816	645,617	407,199	63.1	1,077,836	679,450	398,386	58.6	12,617,538	6,811,577	5,805,961	85.2
Alabama.....	238,656	85,353	153,303	179.6	251,403	100,061	151,342	151.2	3,357,132	1,107,633	2,249,499	96.6
Mississippi.....	229,705	99,261	130,444	131.4	279,236	129,332	149,904	116.9	3,363,647	1,459,879	1,903,768	130.4
WEST SOUTH CENTRAL:												
Arkansas.....	435,915	239,426	196,489	82.1	461,817	271,616	190,201	70.1	4,887,139	1,913,163	2,973,976	155.4
Louisiana.....	180,811	97,136	83,675	86.1	245,815	163,443	82,372	50.4	4,433,101	1,353,118	3,079,983	79.8
Oklahoma.....	1,347,598	1,095,706	251,892	23.0	1,417,533	1,617,905	-200,372	-12.4	9,638,648	4,022,761	5,615,887	139.6
Texas.....	1,311,967	938,024	373,943	39.9	1,257,845	1,466,452	-208,607	-14.2	12,824,433	7,294,450	5,529,983	75.8
MOUNTAIN:												
Montana.....	1,135,376	875,712	259,664	29.7	1,692,656	1,059,268	633,388	59.8	12,344,606	5,974,850	6,369,756	106.6
Idaho.....	732,886	513,656	219,230	42.7	1,584,365	899,125	685,240	76.2	12,099,963	4,238,993	7,860,970	185.4
Wyoming.....	585,386	380,769	204,617	53.7	853,515	462,101	391,414	84.7	6,077,354	2,332,028	3,745,326	160.6
Colorado.....	1,285,064	952,214	332,850	35.0	2,241,566	1,643,347	598,219	36.4	17,282,276	9,159,279	8,122,997	111.8
New Mexico.....	368,490	87,358	281,051	321.7	431,053	195,324	235,729	120.7	4,469,709	1,427,317	3,042,392	213.2
Arizona.....	102,409	92,674	9,816	10.6	259,570	177,504	82,066	46.3	2,553,228	1,362,112	1,191,116	87.4
Utah.....	405,394	388,043	17,351	4.5	1,015,913	850,962	164,951	19.4	7,429,901	3,862,820	3,567,081	92.3
Nevada.....	350,538	292,134	58,404	20.0	521,918	419,812	102,106	24.3	4,185,071	2,067,296	2,117,775	102.4
PACIFIC:												
Washington.....	742,137	497,139	244,998	49.3	1,391,664	826,897	564,767	68.3	17,147,648	5,831,088	11,316,560	194.1
Oregon.....	939,979	731,823	208,156	28.4	1,587,796	1,117,400	470,396	42.1	15,225,957	6,147,018	9,078,939	147.7
California.....	2,533,347	2,239,601	293,746	13.1	4,327,130	3,035,266	1,291,864	42.6	42,157,215	19,436,398	22,750,817	117.1

1 Includes Indian Territory.

A considerable increase is noted in the average value per ton in 1909 (\$8.46) as compared with 1899 (\$5.76), and this combined with a larger yield per acre resulted in an even greater advance in the value of the crop per acre. As a result of this fact, together with the large increase in acreage, the total value of the hay and

forage crop in 1909 was greatly in excess of that in 1899, representing an increase of \$339,750,000, or 70.2 per cent.

The component elements of the hay and forage crop and their distribution among the several geographic divisions are exhibited in Table 43.

Table 43

ACREAGE OF HAY AND FORAGE AND THE CLASSES THEREOF: 1909

DIVISION OR SECTION.	All hay and forage.	Timothy alone.	Timothy and clover mixed.	Clover alone.	Alfalfa.	Millet or Hungarian grass.	Other tame or cultivated grasses.	Wild, salt, or prairie grasses.	Grains cut green.	Coarse forage.	Root forage.
United States	72,280,776	14,686,393	19,542,382	2,443,263	4,707,146	1,117,769	4,218,957	17,186,522	4,324,878	4,034,432	19,034
New England.....	3,797,598	595,037	1,756,188	15,097	1,255	32,625	1,190,999	99,968	79,404	116,623	402
Middle Atlantic.....	8,532,793	2,306,312	4,818,714	158,532	41,664	26,285	649,086	108,292	72,228	350,697	983
East North Central.....	14,750,878	6,192,134	5,508,367	1,168,040	90,220	78,322	290,262	558,066	166,318	666,620	2,165
West North Central.....	27,308,298	3,942,465	5,571,387	546,837	1,778,369	381,212	464,071	12,956,493	242,044	1,214,807	873
South Atlantic.....	2,856,398	650,159	917,313	148,312	8,710	30,423	380,176	104,800	506,161	100,141	203
East South Central.....	2,487,554	473,619	428,163	287,367	41,784	122,550	574,795	119,025	340,829	99,404	18
West South Central.....	3,276,261	48,779	79,774	28,853	280,157	183,046	239,018	1,064,778	305,257	1,036,556	38
Mountain.....	4,965,543	335,659	228,373	23,340	1,753,626	39,535	330,559	1,645,734	275,066	302,926	8,315
Pacific.....	4,215,463	142,189	294,203	66,851	699,461	3,711	179,991	499,366	2,336,991	46,658	6,042
The North.....	54,479,527	13,035,948	17,654,636	1,888,570	1,911,308	718,444	2,504,418	13,752,819	559,994	2,448,747	4,423
The South.....	27,308,298	3,172,557	4,425,290	464,337	1,340,651	336,019	1,265,980	1,286,493	1,152,287	1,236,101	254
The West.....	9,181,006	477,888	462,476	90,161	2,451,987	63,306	510,550	2,145,100	2,612,567	349,584	14,357
East of the Mississippi.....	32,425,221	10,217,261	13,428,745	1,777,712	183,633	280,205	3,065,318	1,020,151	1,164,940	1,833,485	3,771
West of the Mississippi.....	39,855,555	4,469,132	6,113,637	665,551	4,523,513	827,564	1,213,639	16,166,371	3,159,938	2,700,947	15,263

The most prominent classes included in the table are, in the order of importance as measured by acreage, timothy and clover mixed, "wild, salt, or prairie grasses," "timothy alone," alfalfa, grains cut green, "other tame or cultivated grasses," and coarse forage.

The table brings out clearly the predominance of the North in the growing of hay and forage, the area devoted to these crops being over six times as great in the North as in the South. In the West, also, a somewhat larger area is devoted to these crops than in the South. The predominance of the North is evident in the case of each of the individual crops except alfalfa, grains cut green, and root forage, which are more extensively grown in the West than elsewhere; these crops, together with "wild, salt, or prairie grasses," are the only hay and forage crops that cover a greater acreage in the West than in the South. In the West South Central division there is a considerable acreage of "wild, salt, or prairie

grasses" and about the same acreage of coarse forage, which, however, forms a much larger proportion of the total, causing the division to rank second in the acreage of the latter crop.

More than half of the entire acreage in hay and forage is west of the Mississippi River, but the individual crops are quite differently distributed. East of the Mississippi is found by far the greater part of the acreage devoted to timothy alone, clover alone, timothy and clover mixed, and "other tame or cultivated grasses." These classes cover an aggregate of 40,891,000 acres, of which 28,429,000 are east of the Mississippi River.

Of the other hay and forage crops included in this table, the greater part of the acreage is west of the Mississippi River. This excess is considerable in the case of the important group of "wild, salt, or prairie grasses" and of alfalfa, but is not so marked for the other hay and forage crops.

VEGETABLES.

Potatoes (Table 46).—Potatoes were harvested in 1909 from 3,669,000 acres, as compared with 2,939,000 acres in 1899, an increase of 24.8 per cent. On the other hand, the production of potatoes increased 42.4 per cent, being in 1909, 389,000,000 bushels, and in 1899, 273,000,000 bushels, while the value of the crop increased in still greater degree, from \$98,000,000 in 1899 to \$166,000,000 in 1909, or 69.2 per cent. The crop occupied 0.8 per cent of the total acreage of improved farm land in 1909, and represented 3 per cent of the value of all crops. There is a considerable acreage of potatoes in each of the geographic divisions, but more than three-fourths of the entire acreage is in the four northern divisions. Among the states, New York has the largest acreage, closely followed by Michigan.

The increase in the acreage of potatoes between 1899 and 1909 for the United States as a whole was 730,000 acres, or 24.8 per cent, in which increase all divisions shared to some extent. Both in the East North Central and in the West North Central divisions there were nearly 150,000 acres added to the area harvested. Conspicuous gains in aggregate acreage are also noted in the Mountain, South Atlantic, and Pacific divisions. The percentage of increase in potato acreage is greatest in the Mountain division, where the acreage more than doubled. The four divisions constituting the North increased their potato acreage less rapidly than the rest of the country. The New England division is the only one in this section in which the rate of increase for the decade was greater than the average for the United States as a whole.

Table 44 gives percentages and averages derived mainly from Table 46.

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN BUSHELS PER ACRE.		AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of United States total.	Per cent of improved land.	1909	1899	1909	1899	1909	1899
United States.....	100.0	0.8	106.1	93.0	\$0.43	\$0.36	\$45.36	\$33.48
New England.....	6.4	3.2	176.9	130.3	0.42	0.43	74.89	56.06
Middle Atlantic.....	19.9	10.7	107.5	95.2	0.48	0.41	51.13	39.34
East North Central.....	30.1	1.2	100.9	84.6	0.34	0.31	33.84	26.64
West North Central.....	21.4	0.5	91.9	95.4	0.42	0.26	38.39	24.36
South Atlantic.....	6.5	0.5	92.2	77.2	0.64	0.55	58.77	42.49
West South Central.....	3.3	4.3	82.1	63.0	0.61	0.52	49.70	33.64
West South Central.....	3.2	0.2	63.0	66.8	0.73	0.50	46.19	33.33
Mountain.....	4.6	1.1	142.8	112.8	0.36	0.41	51.36	46.43
Pacific.....	4.6	0.8	131.4	129.2	0.45	0.41	58.71	53.06
New York.....	10.7	2.7	123.2	96.2	0.42	0.39	51.58	37.96
Michigan.....	10.0	2.8	104.6	75.3	0.26	0.29	27.13	21.67
Wisconsin.....	7.9	2.4	110.2	95.9	0.25	0.24	27.29	22.68
Pennsylvania.....	7.1	2.1	83.0	95.5	0.55	0.43	45.70	41.24
Minnesota.....	6.1	1.1	119.8	99.8	0.29	0.23	34.36	23.24
Ohio.....	5.8	1.1	95.5	81.8	0.46	0.42	44.07	34.31
Iowa.....	4.6	0.6	86.8	98.4	0.45	0.22	39.10	22.01
Illinois.....	8	0.5	88.1	94.9	0.53	0.36	46.37	34.46
Maine.....	3.7	5.8	210.3	136.7	0.36	0.38	75.29	51.72
Nebraska.....	3.0	0.5	73.0	97.8	0.47	0.22	34.05	21.71

Potatoes are grown on less than 1 per cent of the improved farm land of the country, but in the New England division the proportion exceeds 3 per cent and in the Middle Atlantic division it exceeds 2 per cent. Among the leading states Maine shows much the highest proportion of improved farm land devoted to potatoes, 5.8 per cent. Aroostook County, Me., far exceeds any other county in the United States in the production of potatoes.

The yield per acre in 1909 for the United States, 106.1 bushels, was greatly exceeded in the New England division. High yields were also reported in the Mountain and Pacific divisions, while the Middle Atlantic and East North Central divisions conformed more closely to the average. Among the chief producing states, Maine shows an extraordinary yield per acre, but the other states do not depart so widely from the general average. The yield per acre was greater in 1909 than in 1899 in the United States as a whole and in all divisions except the West North Central and West South Central.

The value per bushel was higher in 1909 than in 1899 in the country as a whole and in all but two of the divisions, but the increase was much less marked than in the case of the cereal crops. The average value of the crop per acre, by reason of the increased average yield, increased to a somewhat greater degree than the average value per bushel.

Sweet potatoes and yams (Table 47).—The acreage of this crop in 1909, 641,000, was greater by nearly one-fifth than that of 1899, 537,000. The absolute increase was not widely different in the three southern divisions, though it was smallest in the South Atlantic and greatest in the West South Central. There was a wider difference in the percentage of increase, which was over three times as great in the West South Central division as in the South Atlantic. The greatest absolute gain in acreage in any state was in Louisiana.

The production in 1909 was 59,232,000 bushels and in 1899, 42,517,000 bushels, the increase for the decade being 39.3 per cent, a relative gain twice as great as that in acreage. The greatest absolute gain was in the South Atlantic division, but the percentage of gain was less than that in either of the other southern divisions, though not so much smaller as in the case of acreage.

In the value of the yield there was a great increase, the aggregate crop of 1909 being valued at \$35,429,000 (equal to 0.6 per cent of the value of all crops), or 78.3 per cent more than that of 1899. In the East South Central division the value was more than twice as great, and in the West South Central division nearly twice as great, as in 1899. In the South Atlantic division the aggregate value of the crop was three-fourths greater than in 1899.

Including insignificant areas in the New England and Mountain divisions, sweet potatoes and yams, as shown by Table 47, are represented in all divisions, though the three southern divisions, led by the South Atlantic, contained in 1909 over 90 per cent of the entire acreage of this crop. In these divisions North Carolina and Georgia had each somewhat over 84,000 acres in sweet potatoes and yams, while Alabama, Mississippi, and Louisiana likewise had acreages in excess of 50,000. Table 45 gives figures derived mainly from Table 47.

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN BUSHELS PER ACRE.		AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of United States total.	Per cent of improved land.	1909	1899	1909	1899	1909	1899
United States.....	100.0	0.1	92.4	79.1	\$0.60	\$0.47	\$55.25	\$36.88
Middle Atlantic.....	2.7	0.1	139.0	110.4	0.49	0.51	68.51	55.99
East North Central.....	2.1	(1)	102.6	65.2	0.55	0.62	56.54	40.26
West North Central.....	2.4	(1)	110.3	84.4	0.65	0.54	71.24	45.62
South Atlantic.....	46.1	0.6	100.1	82.9	0.54	0.42	54.57	34.80
East South Central.....	25.1	0.4	84.4	69.3	0.67	0.52	56.71	35.83
West South Central.....	19.7	0.2	71.4	73.4	0.69	0.50	49.57	36.69
All other divisions.....	0.9	(1)	(2)	(2)	(2)	(2)	(2)	(2)
North Carolina.....	13.2	0.1	100.2	84.1	0.51	0.37	51.14	30.84
Georgia.....	13.1	0.7	88.4	72.0	0.59	0.46	51.76	33.34
Alabama.....	10.4	0.7	79.8	68.0	0.67	0.49	53.72	33.17
Louisiana.....	8.9	1.1	74.6	68.2	0.55	0.46	41.40	31.41
Mississippi.....	8.7	0.6	79.0	73.8	0.69	0.52	54.84	38.21

¹ Less than one-tenth of 1 per cent.
² Not calculated because of unimportance of crop.

It will be noted that the South Atlantic division is the only geographic division in which these crops are grown on as much as one-half of 1 per cent of the improved farm land. An average yield of 92.4 bushels per acre was reported for the country as a whole in 1909. This was exceeded in the leading division, the South Atlantic, but was not attained in either of the other southern divisions, where the acreage was considerable. In both the South Atlantic and the East South Central divisions the yield per acre was greater in 1909 than in 1899. Better prices were obtained in 1909 than in 1899, and this, combined with larger average yields, brought about a considerably higher value per acre for the crop, which was common to all divisions.

POTATOES—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 46 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
United States	3,668,855	2,938,778	730,077	24.8	389,194,965	273,318,167	115,876,798	42.4	\$166,422,910	\$98,380,110	\$68,043,800	69.2
GEOGRAPHIC DIVISIONS:												
New England.....	233,095	180,025	53,070	29.5	41,245,977	23,466,222	17,779,755	73.8	17,456,938	10,092,191	7,364,747	73.0
Middle Atlantic.....	729,823	676,403	52,920	7.8	78,395,736	64,372,759	14,022,977	21.8	37,292,590	26,608,645	10,683,944	40.1
East North Central.....	1,106,032	957,193	148,839	15.5	111,606,777	80,988,131	30,618,646	37.8	37,427,211	25,501,069	11,926,142	46.8
West North Central.....	783,813	637,184	146,629	23.0	72,067,551	60,812,316	11,255,235	18.5	30,088,015	15,524,932	14,563,083	93.8
South Atlantic.....	239,762	157,481	82,281	52.2	22,102,630	12,150,748	9,951,882	81.9	14,091,735	6,691,072	7,400,663	110.6
East South Central.....	119,541	80,138	39,403	49.2	9,816,160	5,051,854	4,764,306	94.3	5,940,784	2,647,924	3,292,860	124.4
West South Central.....	117,761	72,876	44,885	61.6	7,413,887	4,867,562	2,546,325	52.3	5,439,504	2,428,721	3,010,783	124.0
Mountain.....	169,678	80,226	89,452	111.5	24,232,109	9,046,736	15,185,373	167.9	8,715,380	3,725,046	4,990,334	134.0
Pacific.....	163,850	97,252	72,598	74.6	22,314,138	12,561,839	9,752,299	77.6	9,971,834	5,160,510	4,811,324	93.2
NEW ENGLAND:												
Maine.....	135,799	71,765	64,034	89.2	28,556,837	9,813,748	18,743,089	191.0	10,224,714	3,711,999	6,512,715	175.5
New Hampshire.....	17,370	10,422	-2,052	-10.6	2,360,241	2,420,668	-60,427	-2.5	1,204,626	1,090,495	114,131	10.5
Vermont.....	26,859	28,353	-1,494	-5.3	4,145,630	3,547,829	597,801	16.8	1,743,049	1,333,730	409,319	30.7
Massachusetts.....	24,459	27,521	-3,062	-11.1	2,946,178	3,346,590	-400,412	-12.0	1,938,923	1,800,937	192,986	10.7
Rhode Island.....	4,649	5,816	-1,167	-20.1	552,677	843,853	-291,176	-34.5	408,429	440,572	-31,943	-7.3
Connecticut.....	23,959	27,148	-3,189	-11.7	2,684,414	3,438,554	-809,120	-23.2	1,882,197	1,714,658	167,539	9.8
MIDDLE ATLANTIC:												
New York.....	394,319	395,640	-1,321	-0.3	48,597,701	38,060,471	10,537,230	27.7	20,338,766	15,019,135	5,319,631	35.4
New Jersey.....	72,991	52,896	20,095	38.0	8,057,424	4,542,816	3,514,608	77.4	4,979,900	2,192,456	2,787,444	127.1
Pennsylvania.....	262,013	227,867	34,146	15.0	21,740,611	21,769,472	-28,861	-0.1	11,973,843	9,397,054	2,576,789	27.4
EAST NORTH CENTRAL:												
Ohio.....	212,898	167,590	45,218	27.0	20,322,984	13,709,238	6,613,746	48.2	9,377,955	5,750,068	3,627,887	63.1
Indiana.....	99,604	84,245	15,259	18.1	8,905,679	6,209,080	2,696,599	43.4	3,816,126	2,403,074	1,353,052	54.9
Illinois.....	138,052	136,464	1,588	1.2	12,166,091	12,951,871	-785,780	-6.1	6,401,598	6,702,931	-1,699,565	-36.1
Michigan.....	365,483	311,963	53,520	17.2	38,243,828	28,476,444	14,767,384	62.9	9,913,778	6,759,342	3,154,436	46.7
Wisconsin.....	290,185	256,931	33,254	12.9	31,968,195	24,641,498	7,326,697	29.7	7,917,754	5,826,552	2,091,202	35.9
WEST NORTH CENTRAL:												
Minnesota.....	223,622	146,659	77,033	52.5	26,802,948	14,643,327	12,159,621	83.0	7,685,259	3,408,979	4,276,262	125.4
Iowa.....	103,567	175,888	-6,321	-3.6	14,710,247	17,305,919	-2,595,672	-15.0	6,629,234	3,870,746	2,758,488	71.3
Missouri.....	96,259	93,915	2,344	2.5	7,796,410	7,786,623	9,787	0.1	4,470,135	2,756,698	1,713,440	62.2
North Dakota.....	54,067	21,936	32,131	146.5	5,551,430	2,287,350	3,294,080	145.9	2,079,125	587,498	1,491,627	253.9
South Dakota.....	50,082	33,567	16,485	49.1	3,441,692	2,909,914	531,778	18.3	1,967,550	680,530	1,287,020	189.1
Nebraska.....	111,151	79,901	31,250	39.1	8,117,775	7,817,438	300,337	3.8	3,785,224	2,734,666	2,030,558	118.2
Kansas.....	79,025	85,318	-6,293	-7.4	5,647,049	8,091,745	-2,444,636	-30.2	3,471,488	2,485,800	985,688	39.7
SOUTH ATLANTIC:												
Delaware.....	9,703	5,755	3,948	68.6	880,360	414,610	465,750	112.3	453,400	221,411	231,989	104.8
Maryland.....	39,299	26,472	12,827	48.5	3,444,311	1,991,357	1,452,954	73.0	1,782,954	1,020,003	762,951	74.8
District of Columbia.....	226	194	32	16.5	32,028	15,586	16,442	105.5	20,231	9,546	10,685	111.9
Virginia.....	86,927	51,021	35,906	70.4	8,770,778	4,409,672	4,361,106	98.9	5,667,557	2,494,627	3,172,930	127.2
West Virginia.....	42,621	30,123	12,498	41.5	4,077,066	2,245,821	1,831,245	81.5	2,278,638	1,133,381	1,145,257	101.1
North Carolina.....	31,990	23,619	8,371	35.4	2,372,260	1,636,445	735,815	45.0	1,755,413	862,569	892,904	103.5
South Carolina.....	8,610	8,068	542	6.7	782,430	651,916	130,514	20.0	609,424	435,468	173,956	39.9
Georgia.....	11,877	8,477	3,400	40.1	886,430	553,129	333,301	60.3	684,427	326,853	357,574	109.4
Florida.....	8,509	3,752	4,757	126.8	856,967	282,212	624,755	269.0	839,691	187,274	652,417	348.4
EAST SOUTH CENTRAL:												
Kentucky.....	55,750	37,160	18,590	50.0	5,120,141	2,661,774	2,458,267	92.4	2,724,043	1,260,100	1,463,943	116.2
Tennessee.....	40,963	27,103	13,860	51.1	2,922,713	1,404,097	1,518,616	108.2	1,790,233	817,419	972,814	119.0
Alabama.....	14,486	9,505	4,981	52.4	4,128,564	587,711	3,540,853	92.9	883,497	324,628	558,869	172.5
Mississippi.....	8,242	6,370	1,972	31.0	644,742	398,272	246,470	61.9	542,011	245,777	296,234	120.5
WEST SOUTH CENTRAL:												
Arkansas.....	29,719	26,486	3,233	12.2	2,096,898	1,783,969	312,924	17.5	1,439,991	855,140	584,851	68.4
Louisiana.....	19,655	9,220	10,435	113.2	1,183,523	549,280	634,245	115.5	924,311	309,082	615,229	199.0
Oklahoma.....	32,295	115,360	16,935	110.3	1,897,486	11,191,997	705,489	59.2	1,250,052	1,539,354	710,698	131.8
Texas.....	36,022	21,510	14,282	65.5	2,235,983	1,342,316	893,667	66.6	1,825,150	725,145	1,100,005	151.7
MOUNTAIN:												
Montana.....	20,710	9,613	11,097	115.4	3,240,696	1,332,062	1,908,634	143.3	1,298,830	661,163	637,667	96.4
Idaho.....	28,341	9,313	19,028	204.3	4,710,262	1,035,290	3,674,972	335.0	1,583,447	442,489	1,140,958	257.8
Wyoming.....	8,333	2,809	5,524	196.7	932,162	262,338	669,824	255.3	524,489	138,368	386,121	279.1
Colorado.....	85,839	44,075	41,764	94.8	11,780,674	4,465,748	7,314,926	163.8	3,704,768	1,717,111	1,987,657	115.8
New Mexico.....	6,230	1,122	5,108	455.3	295,255	72,613	222,642	306.3	234,636	49,552	185,084	373.5
Arizona.....	1,151	626	525	83.9	97,141	33,927	63,214	186.6	98,597	33,925	64,669	190.6
Utah.....	14,210	10,433	3,777	36.2	2,409,093	1,483,570	925,523	62.4	873,961	487,816	386,145	79.2
Nevada.....	4,864	2,235	2,629	117.0	766,826	361,188	405,638	112.3	396,652	194,619	202,033	103.8
PACIFIC:												
Washington.....	57,897	25,119	32,778	130.5	7,667,171	3,557,876	4,109,295	115.5	2,993,737	1,212,948	1,680,789	128.0
Oregon.....	44,265	30,035	14,230	47.4	4,822,962	3,761,367	1,061,595	28.2	2,098,648	1,104,034	888,614	73.4
California.....	67,688	42,098	25,590	60.8	9,824,005	5,242,596	4,581,409	87.4	4,879,449	2,637,528	2,241,921	85.0

1 Includes Indian Territory.

FARM CROPS, BY STATES.

401

SWEET POTATOES AND YAMS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease. States are not named when the acreage was less than 1,000 in 1909.]

Table 47 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States.....	641,255	537,312	103,943	19.3	59,232,070	42,517,412	16,714,658	39.3	\$35,429,176	\$19,869,840	\$15,559,336	78.3
GEOGRAPHIC DIVISIONS:												
New England.....	49	8	41	(1)	4,813	567	4,251	749.7	4,543	346	4,197	1,210.1
Middle Atlantic.....	23,023	24,104	-181	-0.8	3,326,190	2,662,046	664,144	24.9	1,638,902	1,349,588	289,314	21.4
East North Central.....	13,300	15,394	-2,094	-13.6	1,364,256	1,004,277	359,979	35.9	751,929	619,833	132,096	21.3
West North Central.....	15,381	17,660	-2,279	-12.9	1,696,111	1,491,275	204,836	13.7	1,095,724	805,669	290,055	36.0
South Atlantic.....	295,879	263,925	31,954	12.1	29,628,153	21,831,977	7,746,176	35.4	16,146,222	9,183,650	6,962,572	75.8
East South Central.....	160,756	126,586	34,170	27.0	13,573,580	8,772,133	4,801,447	54.7	9,116,510	4,536,187	4,580,323	101.0
West South Central.....	126,407	87,780	38,627	44.0	9,025,928	6,439,547	2,586,381	40.2	6,265,750	3,220,595	3,045,155	94.6
Mountain.....	439	169	270	159.8	38,877	19,054	19,813	103.9	52,596	14,207	38,389	270.2
Pacific.....	5,121	1,686	3,435	203.7	574,157	246,526	327,631	132.9	357,000	139,765	217,235	155.4
MIDDLE ATLANTIC:												
New Jersey.....	22,504	20,588	1,916	9.3	3,186,499	2,418,641	767,858	31.7	1,527,474	1,213,010	314,064	25.9
Pennsylvania.....	1,306	3,443	-2,137	-62.1	128,770	234,724	-105,954	-45.1	104,434	130,990	-26,556	-20.3
EAST NORTH CENTRAL:												
Ohio.....	1,143	3,796	-2,653	-69.9	133,798	249,767	-115,969	-46.4	104,181	158,103	-53,922	-34.1
Indiana.....	1,561	3,989	-2,428	-60.9	178,300	239,487	-61,187	-25.5	139,886	155,585	-15,699	-10.1
Illinois.....	10,568	7,534	3,034	40.3	1,050,932	511,695	539,237	105.4	506,760	303,638	203,122	66.9
WEST NORTH CENTRAL:												
Iowa.....	2,274	2,688	-414	-15.4	232,413	224,622	7,791	3.5	125,763	128,981	-3,218	-2.5
Missouri.....	7,938	9,844	-1,906	-19.4	876,234	743,377	132,857	17.9	567,413	424,470	142,943	33.7
Kansas.....	4,883	4,570	313	6.8	558,021	474,810	83,211	17.5	373,432	224,049	149,383	66.7
SOUTH ATLANTIC:												
Delaware.....	5,229	2,265	2,964	130.9	733,746	222,165	511,581	230.3	276,679	96,566	180,113	186.5
Maryland.....	7,956	6,469	1,487	23.0	1,965,956	677,848	388,108	57.3	483,751	317,462	166,289	52.4
Virginia.....	40,838	40,681	157	0.4	5,270,202	4,479,602	799,600	17.9	2,681,472	1,720,188	961,284	55.9
West Virginia.....	2,079	3,393	-1,314	-38.7	215,582	202,424	13,158	6.5	170,086	125,523	44,563	35.5
North Carolina.....	84,740	68,730	16,010	23.3	8,493,283	5,781,587	2,711,696	46.9	4,333,297	2,119,956	2,213,341	104.4
South Carolina.....	48,878	48,831	47	0.1	4,319,926	3,369,957	949,969	28.2	2,606,606	1,538,205	1,068,401	69.5
Georgia.....	84,038	70,620	13,418	19.0	7,426,131	5,087,674	2,338,457	46.0	4,349,806	2,354,390	1,995,416	84.8
Florida.....	21,995	22,791	-796	-3.5	2,083,665	2,049,784	33,881	1.7	1,231,238	898,282	332,956	37.1
EAST SOUTH CENTRAL:												
Kentucky.....	11,882	14,178	-2,296	-16.2	1,326,245	925,786	400,459	43.3	839,454	507,038	332,416	65.6
Tennessee.....	26,216	23,374	2,842	12.2	2,504,490	1,571,575	932,915	59.4	1,625,656	883,620	741,436	83.9
Alabama.....	66,613	50,865	15,748	31.0	5,314,857	3,457,386	1,857,471	53.7	3,578,710	1,687,039	1,891,671	112.1
Mississippi.....	56,045	38,169	17,876	46.8	4,427,988	2,817,386	1,610,602	57.2	3,073,290	1,458,490	1,614,800	110.7
WEST SOUTH CENTRAL:												
Arkansas.....	22,388	13,271	9,117	68.7	1,685,308	998,767	686,541	68.7	1,359,669	534,616	825,053	154.3
Louisiana.....	56,953	27,372	29,581	108.1	4,251,086	1,865,482	2,385,604	127.9	2,357,729	850,733	1,497,996	174.2
Oklahoma.....	5,056	13,576	1,480	41.4	359,451	427,163	83,288	30.2	350,553	137,231	213,322	155.4
Texas.....	42,010	43,561	-1,551	-3.6	2,730,083	3,299,135	-569,052	-17.2	2,197,799	1,689,015	508,784	30.1
PACIFIC:												
California.....	5,111	1,607	3,504	218.0	572,814	239,029	333,785	139.6	353,624	135,612	220,012	162.2

¹ Per cent not calculated where base is less than 100.

* Includes Indian Territory.

Other vegetables (Table 48).—Except for potatoes and sweet potatoes and yams, which are generally grown in considerable quantities, it is practically impossible to obtain a correct total of the acreage, production, or value of individual kinds of vegetables. Enumerators were instructed to obtain from every farm a separate report for any vegetable grown for sale in considerable quantities, and in all cases to ascertain the total acreage in vegetables of all classes combined, whether grown for farm use or for sale, and the total value of the product. It is scarcely likely, however, that the total acreage and value reported are as accurate in the case of vegetables as in the case of the major crops, since on many farms the production of vegetables is practically confined

to small kitchen gardens. In fact, 707,763 farms reported farm gardens in which vegetables other than potatoes were grown for farm use, but failed to give any acreage or value. In all probability, therefore, the totals obtained from the returns are understated.

In tabulating the statistics the Census Bureau has distinguished between farms which reported the production in 1909 of vegetables (other than potatoes and sweet potatoes and yams) valued at \$500 or more and those on which the product was valued at less than that amount. Farms of the former group usually produce vegetables chiefly for sale, while on a large proportion of the other farms they are raised primarily, if not exclusively, for home consumption.

The acreage of vegetables covered by the table was 2,763,269 in 1909, which was equal to 0.6 per cent of the total improved farm acreage of the country, and was 27.8 per cent greater than the acreage reported 1899. The value of the vegetables reported increased from \$120,282,000 in 1899 to \$216,257,000 in 1909, or 79.8 per cent, and in 1909 constituted 3.9 per cent of the total value of farm crops.

The acreage of vegetables on farms which produced at least \$500 worth of vegetables amounted in 1909 to

566,517, or a little over one-fifth of the total acreage in vegetables, but the value of the vegetables grown on such farms, \$60,105,000, represented 27.8 per cent of the total value reported.

As judged by the acreage and by the value of the product, the South Atlantic was the most important division in the production of miscellaneous vegetables, the East North Central ranking second. The production of vegetables is, however, widely distributed over the entire country.

VEGETABLES (EXCLUDING POTATOES AND SWEET POTATOES AND YAMS)—ACREAGE AND VALUE.

Table 18 DIVISION OR STATE.	PRODUCED ON ALL FARMS TAKEN TOGETHER.				PRODUCED ON FARMS REPORTING A PRODUCT VALUED AT \$500 OR OVER: 1909		DIVISION OR STATE.	PRODUCED ON ALL FARMS TAKEN TOGETHER.				PRODUCED ON FARMS REPORTING A PRODUCT VALUED AT \$500 OR OVER: 1909	
	Acreage.		Value.		Acreage.	Value.		Acreage.		Value.		Acreage.	Value.
	1909	1899	1909	1899				1909	1899	1909	1899		
United States	2,763,269	2,162,130	\$216,257,000	\$120,281,811	566,517	\$60,104,504	SOUTH ATLANTIC:	22,939	23,987	\$1,102,620	\$826,244	3,710	\$239,540
GEOGRAPHIC DIVS.:							Delaware	108,084	100,403	5,729,400	3,978,267	59,762	2,715,406
New England:	101,436	79,793	12,888,885	7,808,835	27,380	5,987,028	Maryland	964	985	167,376	87,616	862	154,729
Middle Atlantic:	355,740	301,223	33,543,797	21,981,048	129,547	15,458,878	Virginia	124,354	99,002	8,989,467	4,868,459	19,512	1,875,624
E. N. Central:	519,903	496,704	39,104,621	21,860,473	106,443	10,332,517	West Virginia	43,524	29,920	4,519,894	1,697,028	1,759	193,266
W. N. Central:	369,447	328,731	24,078,158	15,081,722	36,410	2,937,542	North Carolina	95,980	64,598	6,496,308	3,121,492	6,281	440,363
South Atlantic:	596,852	459,705	42,045,737	21,678,960	144,088	11,707,673	South Carolina	51,944	40,771	3,765,861	2,001,174	9,228	797,547
E. S. Central:	345,753	265,453	26,551,035	13,338,645	15,999	1,684,997	Georgia	91,413	73,907	5,880,368	3,053,898	9,492	586,069
W. S. Central:	274,173	217,221	18,553,831	10,669,689	29,036	3,025,167	Florida	57,600	26,762	6,314,313	1,954,802	33,482	4,697,220
Mountain:	74,163	40,704	6,546,672	2,859,715	16,240	2,308,016	E. S. CENTRAL:	115,007	83,634	8,287,497	4,418,816	4,227	447,345
Pacific:	126,702	62,594	12,324,312	4,973,968	61,374	6,462,686	Tennessee	100,055	75,408	7,015,686	3,445,553	3,624	343,784
NEW ENGLAND:							Alabama	69,468	58,822	5,379,577	2,642,566	3,846	420,322
Maine	25,288	20,012	2,153,003	1,245,235	1,534	277,204	Mississippi	61,223	59,589	5,868,275	2,831,710	4,302	478,546
New Hampshire	8,855	7,357	1,071,531	627,271	904	158,447	Arkansas	60,251	45,355	4,843,442	2,245,587	1,175	121,472
Vermont	8,548	5,131	872,183	371,744	832	111,500	Louisiana	38,221	26,896	3,000,864	1,753,580	6,603	731,573
Massachusetts	37,220	29,779	6,189,857	3,745,348	17,269	4,277,296	Oklahoma	51,011	133,463	2,610,239	1,439,614	1,819	131,364
Rhode Island	5,275	5,165	636,656	552,635	2,105	360,995	Texas	124,630	111,899	8,069,306	5,200,638	19,459	2,040,758
Connecticut	16,250	12,349	1,965,635	1,260,902	4,736	801,556	MOUNTAIN:						
MIDDLE ATLANTIC:							Montana	7,300	4,272	928,906	378,792	1,046	236,593
New York	175,402	144,318	15,963,384	5,656,055	50,208	7,561,639	Idaho	10,029	6,332	1,607,667	391,315	1,026	194,239
New Jersey	86,227	77,779	7,566,493	5,020,130	52,492	5,186,999	Wyoming	2,933	1,431	332,120	87,882	228	51,687
Pennsylvania	94,111	79,126	10,013,920	6,304,860	17,847	2,710,270	Colorado	32,422	15,496	2,349,634	1,131,950	8,836	1,110,423
E. N. CENTRAL:							New Mexico	8,219	4,034	567,134	207,424	984	144,465
Ohio	123,461	103,346	11,393,791	6,446,236	26,225	3,258,193	Arizona	4,302	2,192	379,293	156,508	1,570	184,623
Indiana	114,297	95,434	7,408,624	4,524,435	16,829	1,327,017	Utah	7,096	6,023	717,776	396,069	1,630	225,013
Illinois	120,291	110,845	9,392,296	5,304,903	36,796	3,291,585	Nevada	1,952	924	204,122	98,781	920	160,373
Michigan	69,861	57,501	6,286,645	3,394,865	11,533	1,528,349	PACIFIC:						
Wisconsin	70,123	39,578	4,593,865	2,203,634	14,660	1,126,373	Washington	24,410	13,848	2,988,510	1,640,668	4,134	854,000
W. N. CENTRAL:							Oregon	23,129	16,845	2,448,917	1,074,468	3,851	672,479
Minnesota	46,021	28,361	3,359,052	1,503,461	5,195	614,895	California	79,163	32,401	6,886,885	2,858,832	53,369	4,836,001
Iowa	88,402	83,193	5,296,411	3,509,127	14,437	773,011							
Missouri	129,570	116,236	8,208,281	5,544,337	8,648	866,488							
North Dakota	13,383	4,289	1,069,125	256,296	321	41,109							
South Dakota	15,130	7,964	1,633,163	389,717	667	82,832							
Nebraska	39,164	34,532	2,118,365	1,438,026	2,658	182,924							
Kansas	48,757	54,166	2,963,733	2,440,305	4,488	382,263							

¹ Includes Indian Territory.

TOBACCO.

Detailed statistics concerning the tobacco crop of 1909, with comparative figures for 1899, are given in Table 50. Table 49 gives percentages and averages for the important producing divisions and states, based mainly on Table 50.

The tobacco crop is more localized than most other staple crops. In the aggregate, 1,294,911 acres were in tobacco in 1909, representing 0.3 per cent of the improved farm acreage of the country. In the distribution of this acreage, the East South Central division, containing 43.3 per cent of the total, led all others. This figure was closely approximated, however, by the South Atlantic division, which contained 37.6 per cent of the total acreage. The combined acreage in the East North Central and Middle Atlantic divisions was only about half as great as that in the South Atlantic division alone. The acreage of tobacco in New England

was small and that in the region west of the Mississippi was quite insignificant. The state of Kentucky had the greatest area in tobacco—469,795 acres. North Carolina was next in order, but had an acreage less than half that of Kentucky. The only other states having an acreage in excess of 100,000 were Virginia and Ohio. These four states had three-fourths of the entire acreage devoted to this crop.

The proportion of the improved farm land in tobacco was larger in the East South Central division (1.3 per cent) than in any other, though in the South Atlantic division it was only slightly less (1 per cent). The leading states exceeded this proportion considerably.

In 1909, as compared with 1899, there was an increase in the area in tobacco of 193,451 acres, or 17.6 per cent. In the division having the largest acreage,

the East South Central, the gain was over 100,000 acres, or 22.4 per cent. An absolute gain about half as great occurred in the East North Central division, where the relative increase was nearly 50 per cent. It is noticeable that in the South Atlantic division the increase was much less, amounting to only 4.6 per cent. Next to Kentucky, where the acreage in 1909 was 84,990 more than in 1899, the greatest gain was in Ohio.

The production in 1909 was 1,056,000,000 pounds and was greater by 21.6 per cent than that in 1899, \$68,000,000 pounds. The greatest absolute increase was in the East South Central division, but larger percentages of increase are noted in the case of the West North Central and New England divisions.

The average yield per acre in 1909 was 815 pounds. In New England it was more than double this amount, and in the Middle Atlantic and East North Central divisions it was considerably higher than the average. In these divisions tobacco is grown in limited areas peculiarly adapted to its cultivation. As compared with 1899, the United States as a whole and each of the divisions except the Middle Atlantic and East North Central show a larger yield per acre in 1909, indicating a greater relative increase in the production than in the acreage.

The average value per pound was greater in 1909 than in 1899, and this, combined with an increased yield per acre, brought about a very marked increase in the value per acre. The total value of the crop was much greater in 1909 (\$104,303,000) than in 1899 (\$56,988,000). The value of tobacco constituted 1.9 per cent of the total value of crops in 1909.

Table 49

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN POUNDS PER ACRE.		AVERAGE VALUE PER POUND.		AVERAGE VALUE PER ACRE.	
	Per cent of United States total.	Per cent of improved land.	1909	1899	1909	1899	1909	1899
United States.....	100.0	0.3	815	788	\$0.10	\$0.07	\$80.55	\$51.74
New England.....	1.7	0.3	1,746	1,075	0.15	0.17	260.75	288.59
Middle Atlantic.....	8.3	0.2	1,123	1,420	0.08	0.07	94.41	105.75
East North Central.....	13.3	0.2	919	1,035	0.10	0.07	87.71	71.66
South Atlantic.....	37.6	1.0	686	645	0.10	0.06	67.38	39.99
East South Central.....	45.3	1.3	834	794	0.10	0.06	81.26	46.63
All other divisions.....	0.5	(?)	(?)	(?)	(?)	(?)	(?)	(?)
Kentucky.....	36.3	3.3	848	817	0.10	0.06	84.86	48.19
North Carolina.....	17.1	1.0	676	628	0.10	0.06	62.45	39.59
Virginia.....	14.3	1.9	717	667	0.09	0.06	65.63	39.11
Ohio.....	8.2	0.6	832	923	0.10	0.07	84.51	68.10

¹ Less than one-tenth of 1 per cent.
² Not calculated because of unimportance of crop.

TOBACCO—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease. States are not named when the acreage was less than 1,000 in 1909.]

Table 50

DIVISION OR STATE.	ACREAGE.				PRODUCTION (POUNDS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
United States.....	1,294,911	1,101,460	193,451	17.6	1,055,764,806	868,112,865	187,651,941	21.6	\$104,302,856	\$56,987,902	\$47,314,954	83.0
GEOGRAPHIC DIVISIONS:												
New England.....	21,745	14,212	7,533	53.0	37,961,893	23,810,524	14,151,369	59.4	5,670,002	4,101,428	1,568,574	38.2
Middle Atlantic.....	45,852	39,069	6,783	17.4	51,510,925	55,461,710	-3,950,785	-7.1	4,328,854	4,131,623	197,231	4.8
East North Central.....	171,973	115,810	56,163	48.5	157,959,785	119,851,790	38,108,005	31.8	15,082,892	8,298,696	6,784,196	81.7
West North Central.....	5,709	4,706	1,003	21.3	5,704,522	3,349,811	2,354,761	70.3	713,321	245,726	467,595	190.3
South Atlantic.....	487,411	465,754	21,657	4.6	334,569,496	300,194,090	34,375,406	11.5	32,843,156	18,627,038	14,216,118	76.3
East South Central.....	560,323	457,998	102,325	22.4	467,348,072	363,820,310	103,527,762	28.5	45,548,716	21,355,283	24,193,433	113.3
West South Central.....	1,683	3,857	-2,174	-56.4	700,915	1,592,830	-891,915	-56.0	114,452	222,392	-107,940	-48.5
Mountain.....	11	8	3	(?)	3,457	2,510	947	37.7	778	408	370	90.7
Pacific.....	4	46	-42	(?)	5,691	29,300	-23,609	-80.6	685	5,308	-4,623	-87.1
NEW ENGLAND:												
Massachusetts.....	5,521	3,826	1,695	44.3	9,549,306	6,406,570	3,142,736	49.1	1,218,060	956,399	261,661	27.4
Connecticut.....	16,042	10,119	5,923	58.5	28,110,453	16,930,770	11,179,683	66.0	4,415,948	3,074,022	1,341,926	43.7
MIDDLE ATLANTIC:												
New York.....	4,109	11,307	-7,198	-63.7	5,345,035	13,958,370	-8,613,335	-61.7	402,517	1,172,236	-769,719	-65.7
Pennsylvania.....	41,742	27,760	13,982	50.4	46,164,800	41,502,620	4,662,180	11.2	3,926,116	2,959,304	966,812	32.7
EAST NORTH CENTRAL:												
Ohio.....	106,477	71,422	35,055	49.1	88,603,308	65,957,100	22,646,208	34.3	8,998,887	4,864,191	4,134,696	85.0
Indiana.....	23,694	8,219	15,475	188.3	21,387,824	6,882,470	14,505,354	210.8	2,145,193	445,658	1,699,535	381.4
Illinois.....	1,313	2,242	-929	-41.4	1,029,616	1,447,150	-417,534	-28.9	80,389	85,411	-5,022	-5.9
Wisconsin.....	40,458	33,830	6,628	19.6	46,909,182	45,500,480	1,408,702	3.1	3,855,033	2,898,091	956,942	33.0
WEST NORTH CENTRAL:												
Missouri.....	5,433	4,361	1,072	24.6	5,372,738	3,041,996	2,330,742	76.6	676,479	218,991	457,488	208.9
SOUTH ATLANTIC:												
Maryland.....	26,072	42,911	-16,839	-39.2	17,845,699	24,589,480	-6,743,781	-27.4	1,457,112	2,148,169	-691,057	-32.2
Virginia.....	185,427	184,334	1,093	0.6	132,979,390	122,884,900	10,094,490	8.2	12,169,086	7,210,195	4,958,891	68.8
West Virginia.....	17,928	5,129	12,799	249.5	14,356,400	3,087,140	11,269,260	365.0	1,923,180	228,620	1,694,560	741.2
North Carolina.....	221,890	203,023	18,867	9.3	138,813,163	127,503,400	11,309,763	8.9	13,847,559	8,038,691	5,808,868	72.3
South Carolina.....	30,082	25,993	4,089	15.7	25,583,049	19,895,970	5,687,079	28.6	2,123,576	1,297,293	826,283	63.7
Georgia.....	2,025	2,304	-279	-12.1	1,485,994	1,105,600	380,394	34.4	297,167	159,659	137,508	86.1
Florida.....	3,987	2,036	1,951	93.9	3,505,801	1,125,600	2,380,201	211.5	1,025,476	254,211	771,265	303.4
EAST SOUTH CENTRAL:												
Kentucky.....	469,795	384,805	84,990	22.1	398,482,301	314,288,050	84,194,251	26.8	39,868,753	18,541,982	21,326,771	115.0
Tennessee.....	90,468	71,849	18,619	25.9	68,756,599	49,157,550	19,599,049	39.9	5,661,681	2,748,435	2,913,186	106.0

¹ Per cent not calculated where base is less than 100.

² Corrected from 1900 Report on Agriculture, Part II.

COTTON AND COTTON SEED.

Cotton (Table 52).—Of the 32,043,838 acres of cotton harvested in 1909, the West South Central division contained nearly half, the South Atlantic division 28.1 per cent, and the East South Central division 24.7 per cent. Though cotton is reported from three other divisions, the acreages are comparatively insignificant. There are, however, three counties in southeastern Missouri in which the cotton acreage is considerable. Texas, with nearly 10,000,000 acres, has considerably over one-fourth of the total area in this crop, and Georgia has about half the acreage of Texas, while Alabama and Mississippi, which follow in the order named, have each more than 3,000,000 acres in cotton. The four states named report about 70 per cent of the total acreage. The accompanying map shows graphically the distribution of the cotton acreage among the states.

The prominence of cotton in the agriculture of the South is indicated by the large percentages of the total improved land occupied by this crop in the southern divisions, as shown by Table 51. In the South as a whole cotton occupied 21.2 per cent of the improved farm land. In each of the four states shown in Table 51 the cotton acreage exceeds one-third of all the improved land in farms.

The area in cotton increased from 1899 to 1909 by 7,768,737 acres, or 32 per cent. Of this gain more than half was reported from the West South Central division, there being a gain of nearly 3,000,000 acres in the state of Texas and of over 1,000,000 acres in the state of Oklahoma. A gain of over 1,000,000 acres was reported in Georgia. The percentage of increase in the West South Central division exceeded that for the United States as a whole, and that in the South Atlantic division almost equaled it, but the rate of gain in the East South Central division was considerably less.

Table 51

DIVISION OR STATE.	ACREAGE: 1909		AVERAGE YIELD IN BALES PER ACRE.		AVERAGE VALUE PER BALE.		AVERAGE VALUE PER ACRE.	
	Per cent of United States total.	Per cent of improved land.	1909	1899	1909	1899	1909	1899
United States.....	100.0	6.7	0.33	0.39	\$66.07	\$33.96	\$21.96	\$13.34
West North Central.....	0.3	0.1	0.56	0.56	62.25	33.20	35.14	18.61
South Atlantic.....	28.1	18.6	0.45	0.39	63.45	33.59	28.28	13.26
West South Central.....	24.7	18.0	0.32	0.39	69.53	34.85	22.15	13.77
East South Central.....	46.9	25.8	0.27	0.39	66.56	33.62	17.98	13.09
All other divisions.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Texas.....	31.0	36.3	0.25	0.36	66.28	33.65	16.39	13.90
Georgia.....	15.2	39.7	0.41	0.37	63.59	33.02	25.94	13.94
Alabama.....	11.6	38.5	0.30	0.35	65.70	33.43	19.89	13.14
Mississippi.....	10.6	37.7	0.33	0.45	73.77	36.03	24.45	18.65

¹ Less than one-tenth of 1 per cent.
² Not calculated because of unimportance of crop.

COTTON—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease. States are not named when the acreage was less than 1,000 in 1909.]

Table 52

DIVISION OR STATE.	ACREAGE.				PRODUCTION (RUNNING BALES).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
United States.....	32,043,838	24,275,101	7,768,737	32.0	10,649,268	9,534,707	1,114,561	11.7	\$703,619,303	\$323,758,171	\$379,861,132	117.3
GEOGRAPHIC DIVISIONS:												
West North Central.....	96,563	45,749	50,814	111.1	54,508	25,646	28,862	112.5	3,393,040	851,478	2,541,562	298.5
South Atlantic.....	9,002,776	6,842,489	2,160,287	31.6	4,012,942	2,701,766	1,311,176	48.5	254,636,995	90,759,753	163,877,260	180.6
East South Central.....	7,926,019	6,725,588	1,200,431	17.8	2,524,714	2,656,599	-131,885	-5.0	175,543,582	62,500,366	113,043,216	89.6
West South Central.....	15,017,347	10,661,219	4,356,128	40.9	4,056,704	4,150,658	-93,954	-2.3	270,048,704	139,554,349	130,494,355	93.5
Mountain.....	809	56	753	(1)	217	38	179	(1)	15,238	2,243	12,995	579.4
Pacific.....	324		324		183		183		11,744		11,744	
WEST NORTH CENTRAL:												
Missouri.....	96,527	45,596	50,931	111.7	54,498	25,576	28,922	113.1	3,392,440	849,199	2,543,241	299.5
SOUTH ATLANTIC:												
Virginia.....	25,147	25,724	-577	-2.2	10,480	10,789	-309	-2.9	695,721	346,600	349,121	100.7
North Carolina.....	1,274,404	1,007,020	267,384	26.6	665,132	459,707	205,425	44.7	42,066,099	15,696,952	26,369,147	168.0
South Carolina.....	2,556,467	2,074,081	482,386	23.3	1,279,806	881,422	398,384	45.2	80,337,945	29,590,152	50,747,793	171.5
Georgia.....	4,883,304	3,513,839	1,369,465	39.0	1,992,408	1,287,992	704,416	54.7	125,685,612	42,534,235	83,151,377	197.9
Florida.....	263,454	221,825	41,629	18.8	65,056	61,856	3,200	5.2	4,841,581	2,591,796	2,249,785	86.8
EAST SOUTH CENTRAL:												
Kentucky.....	7,811	2,396	5,415	226.0	3,469	1,369	2,100	153.4	232,024	52,812	179,212	322.3
Tennessee.....	787,516	623,137	164,379	26.4	264,562	234,592	29,970	12.8	17,066,517	8,192,642	9,873,875	119.3
Alabama.....	3,730,482	3,202,135	528,347	16.5	1,129,527	1,106,840	22,687	2.0	74,205,236	37,004,598	37,200,638	100.5
Mississippi.....	3,400,210	2,897,920	502,290	17.3	1,127,156	1,313,798	-186,642	-14.2	83,148,805	47,340,314	35,808,491	75.6
WEST SOUTH CENTRAL:												
Arkansas.....	2,153,222	1,641,855	511,367	31.1	776,579	709,880	66,999	9.4	54,550,503	24,671,445	29,888,058	121.1
Louisiana.....	957,011	1,376,254	-419,243	-30.5	268,909	709,041	-440,132	-62.1	17,321,804	25,523,143	-6,198,339	-26.3
Oklahoma.....	1,976,935	*682,743	1,294,192	189.5	555,742	*225,525	330,217	146.4	35,309,356	*7,027,048	28,282,308	403.8
Texas.....	9,930,179	6,900,367	2,969,812	42.7	2,455,174	2,506,212	-51,038	-2.0	162,735,041	84,332,713	78,402,328	93.0

* 1 Per cent not calculated where base is less than 100.

* Includes Indian Territory.

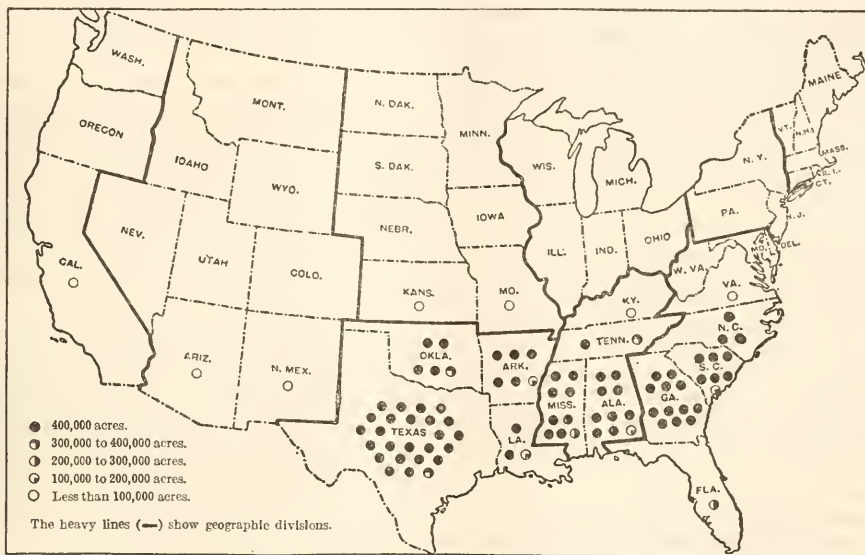
The total production of cotton in 1909 was 10,649,000 bales, an increase of 1,115,000 bales, or 11.7 per cent, over that of 1899. The yield of cotton was 0.33 bale per acre in 1909, as against 0.39 bale per acre in 1899. In each of the southern divisions, except the South Atlantic, there was a smaller average yield in 1909 than 10 years earlier. As a result the relative gain in production for the country is less than the relative gain in acreage. Two divisions, the East and West South Central, reported a smaller crop than 10 years previously. On the other hand, in the South Atlantic division the crop increased nearly one-half.

The average value of cotton per bale, which was \$33.96 in 1899, was \$66.07 in 1909, an advance of nearly 95 per cent. Hence, with an increased production, the total value of the cotton crop in 1909, \$703,619,000, was larger than that of 1899 by \$379,861,000, or 117.3 per cent. The increase in the value of the crop was sufficient to offset losses in acreage and yield, except in Louisiana.

The value of the cotton crop of 1909 was 12.8 per cent of the total value of crops for the country as a whole; for the South alone cotton represents 36.6 per cent of the total value of crops.

COTTON.

ACREAGE, BY STATES: 1909.



Cotton seed (Table 53).—The agricultural schedules of 1910 and 1900 did not call for the quantity of cotton seed produced or its value, but the schedule of 1910 called for the quantity and value of the cotton seed sold during 1909. It was believed that, for various reasons, it would be impossible for many farmers to report accurately the total quantity of cotton seed produced. Inasmuch, however, as the sales of cotton seed are much less than the total production, it seemed desirable to make a rough estimate of the total quantity and value of cotton seed produced. It has been the usual custom among farmers and in the cotton trade to assume that (in the case of upland cotton, which constitutes the great bulk of the crop) about one-third of the weight of the seed cotton is lint and two-thirds seed. Although during recent years the ratios have probably been nearer 35 per cent lint and 65 per cent seed, the bureau has made its estimates of the production of cotton seed on the

more customary basis. It has further assumed for convenience that a bale of cotton as reported by the farmer contains 500 pounds of lint cotton, which is probably a slight exaggeration, inasmuch as no allowance is made for bagging and ties. The production of cotton seed by counties and states, and for the South as a whole has, in other words, been estimated by the simple method of allowing 1,000 pounds of seed for each bale of cotton. Aside from a considerable margin of error in the total quantity thus estimated for the South as a whole, there is doubtless some additional error in individual counties. The value of cotton seed has been estimated for 1899 by multiplying the estimated total quantity produced by the average price reported by the cottonseed-oil mills as paid for the seed purchased during that year; and for 1909 by multiplying the estimated quantity produced by the average value per ton reported by farmers for the seed sold by them. It is assumed that the average value of the entire crop is the same as the average

value of that part sold. Table 53 shows the estimated quantity and value of cotton seed produced for 1909 and 1899 for the country as a whole and by geographic divisions.

The estimated quantity of cotton seed produced in 1899 was 4,767,000 tons, and in 1909, 5,325,000 tons.

The estimated value of the cotton seed in 1899 was \$46,951,000, and in 1909, \$121,077,000, an increase of 157.9 per cent, as compared with an increase of 117.3 per cent in the value of lint cotton produced.

The total quantity of cotton seed reported by farmers as sold during 1909 was 2,075,000 tons, and its value \$47,350,000.

SUGAR CROPS.

Sugar and related products are obtained in the United States from three widely different classes of plants—cane (sugar cane and sorghum cane), beets, and maple trees. Ordinary sugar is derived from sugar cane and sugar beets. Beet sugar is made altogether in large factories, which are covered by the manufactures census, and this report relates only to the production of the beets. Most of the sugar cane also is crushed in mills covered by the manufactures census. Some, however, is crushed in mills on farms and plantations, the operations of which can not be separated from the agricultural operations, so that the products are included in the present report; these mills, however, make practically no sugar, their chief product being sirup. A part of the sorghum cane produced is used for fodder, but there are numerous small mills which crush it for the purpose of producing sirup. Almost all of these mills are on farms, and the quantity as well as the value of their product in that case is covered by the census of agriculture. Maple sirup and maple sugar are almost wholly made on farms.

Sugar cane (Table 54).—The acreage in sugar cane in 1909 was 476,849, an increase of 23.2 per cent as compared with 1899. The production in 1909 was 6,240,000 tons, representing an increase of 48.5 per cent. The value of the sugar cane in 1909, including that of the sugar, sirup, and molasses reported on the agricultural schedules, was \$26,416,000, and constituted 0.5 per cent of the total value of farm crops for the country. The value of sugar cane produced in the South represented 1.4 per cent of the value of all crops of that section. More than two-thirds of the total acreage of sugar cane in 1909 was in Louisiana, and most of the remainder in Georgia, Texas, Alabama, and Mississippi.

Satisfactory comparison can not be made between the total value of the product as reported for 1909 and that for 1899, for the reason that in 1899 reports of many large mills on plantations were included in the agricultural census, while most such mills in 1909 were covered by the manufactures census. A much larger proportion of the value given for the earlier year therefore consists of the value of the manufactured product—sugar and molasses.

COTTON SEED—ESTIMATED PRODUCTION AND VALUE.

DIVISION.	ESTIMATED PRODUCTION (TONS).		ESTIMATED VALUE.		
	1909	1899	1909	1899	Per cent of increase.
United States	5,324,634	4,767,353	\$121,078,984	\$46,950,575	157.9
West North Central	27,254	12,823	985,569	55,304	959.5
South Atlantic	2,006,471	1,350,833	48,468,186	14,049,551	245.0
East South Central	1,262,357	1,328,229	28,747,084	12,737,092	125.7
West South Central	2,025,352	2,075,329	43,273,088	20,108,566	115.2
Mountain	109	19	1,625	62	(¹)
Pacific	91		1,032		

¹ Percent not calculated where base is less than 100.

SUGAR CANE—ACREAGE, PRODUCTION, AND VALUE.

STATE.	ACREAGE.		PRODUCTION (TONS).		VALUE. ¹	
	1909	1899	1909	1899	1909	1899
United States	476,849	388,986	6,240,260	4,202,202	\$26,415,952	\$20,541,638
Alabama	27,211	32,571	226,631	267,857	1,527,166	1,459,000
Arkansas	8,530	400	19,868	4,097	152,298	25,285
Florida	12,928	13,800	142,517	140,729	1,069,698	723,176
Georgia	37,046	26,056	317,460	284,410	2,268,110	1,480,704
Louisiana	329,684	276,966	4,941,968	3,137,338	17,752,537	14,627,282
Mississippi	24,801	11,552	222,600	122,384	1,506,887	804,870
North Carolina	294	25	1,494	199	10,697	1,412
South Carolina	7,053	7,342	59,865	73,702	434,634	429,425
Texas	34,315	17,824	307,502	170,485	1,669,683	977,053
All other states	127	90	324	1,001	4,242	3,423

¹ The values given include the value of sugar, sirup, and molasses, so far as covered by the agricultural census. See text as to incomparability of the two censuses.

Of the 6,240,000 tons of sugar cane produced in 1909, 4,639,000 tons were sold,¹ the amount received therefrom being \$16,766,000; in 1899, out of 4,202,000 tons produced, only 1,126,000 tons, valued at \$3,882,000, were sold. The average value per ton for the cane sold was \$3.61 in 1909 and \$3.45 in 1899, and assuming the same value per ton for the rest of the cane, the total value of cane produced in 1909 would be \$22,527,000 and the value of that produced in 1899 would be \$14,498,000. These figures represent an increase of 55.4 per cent in the total value of the crop.

In 1909 the plantation mills covered by the agricultural census made 21,633,579 gallons of sirup, 125,647 pounds of sugar, and 4,153 gallons of molasses. The total value of these products was reported as \$9,650,000.

No satisfactory comparison can be made between 1909 and 1899 as to the amount of sirup, sugar, and molasses made on plantations, for the reason already stated.

The total production of cane sugar in factories covered by the manufactures census in 1909 was 326,858 tons; of molasses, 24,588,000² gallons; and of sirup, 1,450,000² gallons; these figures all being additional to those derived from the agricultural census.

¹ Including that delivered to mills owned by the plantation but covered by the manufactures census.

² Does not include the operations of four establishments which manufacture sugar, two of which were operated in connection with penal institutions and two of which were engaged primarily in the manufacture of products other than those covered by the industry designated. The output of these establishments was 7,281 tons of sugar and 693,302 gallons of molasses.

Sorghum cane (Table 55).—The acreage of sorghum cane in 1909 was 444,089, or 51.5 per cent more than in 1899. And although the production was 13.8 per cent less than in the earlier year, probably on account of unfavorable weather conditions in 1909, the value of the crop, amounting in 1909 to \$10,174,000, or 0.2 per cent of the total value of all farm crops, showed a great increase. The value as stated includes that of the sirup made on farms. The amount of such sirup was 16,532,000 gallons, valued at \$7,963,000, and the value of the cane sold or used as forage was \$2,211,000.

The amount of sirup made in 1899 was 16,973,000 gallons and its value, \$5,288,000. The crop is quite widely distributed through the country, but is much more important in the South than in the North or the West. The leading states in acreage in 1909 were Kentucky, Texas, Tennessee, Missouri, and Arkansas.

SORGHUM CANE—ACREAGE, PRODUCTION, AND VALUE.

Table 55

STATE.	ACREAGE.		PRODUCTION (TONS).		VALUE. ¹	
	1909	1899	1909	1899	1909	1899
	United States	444,089	293,132	1,647,262	1,910,046	\$10,174,457	$6,103,102
Alabama.....	17,316	14,831	77,888	95,200	439,263	371,356
Arizona.....	586	133	1,451	953	15,886	4,882
Arkansas.....	33,071	17,684	93,123	122,779	658,075	368,816
California.....	647	149	3,021	1,085	14,826	3,788
Colorado.....	3,169	51	7,161	349	45,530	1,107
Florida.....	379	...	2,173	...	10,113	...
Georgia.....	15,612	11,553	64,336	78,768	419,561	250,592
Illinois.....	15,039	9,138	90,287	84,326	496,114	223,344
Indiana.....	19,283	7,925	79,672	65,685	465,618	195,036
Iowa.....	6,225	8,287	28,957	58,347	173,259	218,999
Kansas.....	15,406	20,689	60,821	88,846	261,122	279,629
Kentucky.....	62,327	21,982	226,303	152,321	1,416,565	449,276
Louisiana.....	1,680	937	6,073	6,091	34,277	18,367
Michigan.....	416	377	2,765	2,787	18,595	10,486
Minnesota.....	1,709	2,283	13,253	14,369	83,966	59,714
Mississippi.....	17,851	15,734	55,359	119,164	343,641	323,417
Missouri.....	45,088	30,997	201,206	201,165	1,036,263	686,024
Nebraska.....	4,034	4,778	10,477	14,119	61,025	74,817
New Mexico.....	2,371	81	2,819	314	26,877	1,963
North Carolina.....	21,227	20,227	86,462	112,056	541,294	446,897
Ohio.....	4,707	5,037	28,644	35,759	180,548	128,781
Oklahoma.....	25,546	16,477	64,599	49,237	489,112	115,111
South Carolina.....	8,445	7,250	27,612	49,530	185,358	178,323
Tennessee.....	52,907	31,364	205,901	226,523	1,145,932	647,129
Texas.....	55,027	26,303	101,991	174,985	955,769	554,790
Utah.....	340	371	1,654	3,080	12,878	13,455
Virginia.....	8,288	8,039	41,449	73,137	223,224	196,915
West Virginia.....	8,607	6,870	48,094	56,469	300,218	189,935
Wisconsin.....	2,281	2,399	15,725	16,953	84,626	64,448
All other states.....	1,020	665	5,770	4,560	37,297	16,709

¹ The values given include the value of sorghum sirup so far as covered by the agricultural census.
² Includes Indian Territory.

Sugar beets.—As shown in Table 56, the acreage of sugar beets in the United States in 1909, 364,093, was more than three times as great as in 1899; the production, 3,933,000 tons, was nearly five times as great; and the value, \$19,881,000, was almost six times as great. The average value per ton in 1909 was \$5.06 and in 1899, \$4.19. The crop in 1909 occupied 0.1 per cent of the improved farm acreage of the country, and its value constituted 0.4 per cent of the value of all crops.

Although sugar beets intended for sugar manufacture are now raised in a considerable number of states, much the greater part of the production is in Colorado, California, Michigan, Utah, Idaho, and Wisconsin.

The development in Colorado during the past decade has been particularly striking.

In addition to the sugar beets covered by this table, which has been confined as far as practicable to those raised for the purpose of making sugar, small quantities are raised in many states for forage.

SUGAR BEETS—ACREAGE, PRODUCTION, AND VALUE.

Table 56

STATE.	ACREAGE.		PRODUCTION (TONS).		VALUE.	
	1909	1899	1909	1899	1909	1899
	United States	364,093	110,170	3,932,857	793,353	\$19,880,724	$3,323,240
Arizona.....	4,577	6,077	19,271	21,215	102,215	110,215
California.....	79,957	41,242	845,191	356,535	4,320,532	1,550,346
Colorado.....	108,082	1,094	1,231,712	6,656	6,061,152	26,711
Idaho.....	15,601	...	179,661	...	813,604	...
Illinois.....	1,131	1,370	14,931	...	76,309	...
Indiana.....	756	...	7,194	...	40,961	...
Iowa.....	1,051	...	7,117	...	35,024	...
Kansas.....	6,851	...	50,730	...	256,262	...
Michigan.....	75,729	40,247	707,039	215,314	4,014,120	877,481
Minnesota.....	2,238	2,114	24,140	15,959	118,025	59,826
Montana.....	8,804	...	109,434	...	546,832	...
Nebraska.....	4,191	8,662	39,574	62,470	180,247	222,258
New Mexico.....	55	1,208	239	3,935	1,492	16,849
New York.....	1,313	2,053	10,990	16,003	59,200	75,487
Ohio.....	7,036	...	63,696	...	319,667	...
Oregon.....	1,176	2,516	15,006	14,462	74,902	63,322
Utah.....	27,472	7,546	413,948	85,314	1,859,600	365,181
Washington.....	1,820	1,863	13,794	6,149	85,954	26,176
Wisconsin.....	12,379	34	127,526	233	667,185	937
Wyoming.....	1,207	...	13,418	...	61,398	...
All other states.....	1,701	137	6,939	525	50,333	2,461

Maple sugar and sirup (Table 57).—The total number of maple trees reported by the farmers as tapped in 1909 was 18,899,533; they produced 14,060,000 pounds of sugar and 4,106,000 gallons of sirup, the combined value of which was \$5,177,000.

The quantity of maple sugar made on farms was 17.9 per cent greater than in 1899, while the quantity of sirup was almost twice as great, and the combined value of the sugar and sirup nearly twice as great as in 1899. Ohio is the leading state in the production of sirup, followed by New York and Vermont; but Vermont far outranks all other states in the production of maple sugar, New York and Pennsylvania raking second and third, respectively. In the combined value of the two products, New York ranks first.

MAPLE SUGAR AND SIRUP—QUANTITY AND VALUE.

Table 57

STATE.	SUGAR MADE (POUNDS).		SIRUP MADE (GALLONS).		VALUE OF SUGAR AND SIRUP.	
	1909	1899	1909	1899	1909	1899
	United States	14,060,208	11,928,770	4,106,418	2,056,611	\$5,177,809	$2,636,711
Connecticut.....	10,207	4,930	4,236	948	6,988	1,736
Illinois.....	5,366	4,030	18,492	9,357	23,362	9,844
Indiana.....	32,419	12,900	273,728	175,470	360,355	165,307
Iowa.....	6,173	2,320	3,596	2,662	11,495	2,920
Kentucky.....	10,697	2,340	8,542	2,367	6,681	2,741
Maine.....	15,358	5,500	43,971	16,024	52,137	15,929
Massachusetts.....	1,851,908	264,160	12,172	5,325	34,886	24,183
Massachusetts.....	156,952	192,900	53,091	27,174	77,559	48,236
Michigan.....	293,301	302,715	269,093	82,997	333,791	100,396
Minnesota.....	11,399	29,580	17,808	1,079	23,362	3,672
Missouri.....	1,188,049	1,423,540	391,242	169,237	471,210	234,773
New Hampshire.....	558,811	441,870	111,500	41,588	182,341	82,626
New York.....	3,160,300	3,623,540	993,242	413,159	1,240,684	631,180
Ohio.....	257,922	613,990	1,323,431	923,519	1,099,218	965,229
Pennsylvania.....	1,188,049	1,423,540	391,242	169,237	471,210	234,773
Vermont.....	7,728,817	4,779,870	409,953	160,918	1,056,933	598,523
Virginia.....	44,976	19,310	6,046	1,677	12,233	3,350
West Virginia.....	140,090	141,550	31,176	14,874	46,568	25,271
Wisconsin.....	27,499	4,180	174,889	6,625	150,538	6,578
All other states.....	49,954	2,340	1,588	171	4,945	743

SUNDRY MINOR CROPS.

Under this heading are included a variety of crops of comparatively small importance which can not be logically classified under any of the other designations. The individual crops are in no way closely related to one another in use, method of production, or geographic distribution.

Table 58 gives statistics of the minor crops for which the acreage was reported, for the leading states.

MINOR CROPS—ACREAGE, PRODUCTION, AND VALUE.

Table 58 STATE.	ACREAGE.		PRODUCTION. ¹		VALUE.	
	1909	1899	1909	1899	1909	1899
	Broom corn, total.	326,102	178,534	78,959,958	90,947,370	\$5,134,434	$3,588,414
Arkansas.....	332	879	106,576	304,050	8,198	12,588
California.....	1,023	1,669	614,250	1,146,000	32,509	40,506
Colorado.....	5,631	1,241	1,187,791	226,559	71,717	10,577
Illinois.....	38,452	35,137	19,309,425	60,685,320	1,457,172	2,357,065
Indiana.....	323	815	153,259	354,170	13,461	18,285
Iowa.....	156	2,220	75,370	1,178,130	6,670	50,639
Kansas.....	41,064	34,383	8,768,853	11,813,310	593,947	458,481
Kentucky.....	342	839	157,286	384,550	19,641	18,209
Missouri.....	5,339	10,219	1,774,536	3,683,370	115,243	159,968
Nebraska.....	458	6,627	157,146	2,733,290	11,116	106,252
New Mexico.....	4,470	14	614,832	5,500	33,492	290
Ohio.....	179	802	92,292	537,160	9,116	26,317
Oklahoma.....	216,350	112,763	42,741,725	3,565,510	2,559,235	2136,831
Tennessee.....	1,348	3,444	347,064	1,015,460	27,733	47,252
Texas.....	9,448	3,743	2,368,490	1,638,150	140,533	60,313
Virginia.....	107	1,762	46,016	683,390	3,763	24,558
All other states.....	1,089	2,027	414,987	992,320	37,065	50,262
Hemp, total.	7,647	16,042	7,483,295	11,750,630	412,699	546,338
California.....	300	500	600,000	620,000	39,000	45,000
Illinois.....	(²)	783	50	515,400	5	21,784
Indiana.....	335	.....	305,467	.....	21,755	.....
Kentucky.....	6,855	14,107	6,420,322	10,302,560	345,386	468,454
Nebraska.....	6	.....	.....	305,400	.....	10,755
All other states.....	157	14	67,546	6,270	3,553	348
Hops, total.	44,693	55,613	40,718,748	49,209,704	7,844,745	4,081,929
California.....	8,391	6,890	11,994,853	10,124,660	1,731,110	925,819
New York.....	12,023	27,532	8,677,138	17,332,240	2,597,981	1,600,305
Oregon.....	21,770	15,436	16,582,562	14,675,577	2,538,860	937,513
Washington.....	2,453	5,293	3,432,514	6,813,830	665,493	559,538
Wisconsin.....	30	342	13,290	165,346	9,041	11,520
All other states.....	46	120	18,301	97,951	9,260	11,190
Chicory, total.	1,589	3,069	19,284,000	21,495,870	70,460	73,627
Michigan.....	1,584	2,823	19,204,000	19,876,970	70,020	64,640
All other states.....	5	246	80,000	1,618,900	440	8,987
Chufas, total.	1,712	(²)	32,261	.....	62,391	16,734
Florida.....	1,072	.....	21,500	.....	43,470	13,521
North Carolina.....	376	.....	6,850	.....	10,529	2,007
All other states.....	264	.....	3,881	.....	8,392	1,206
Ginseng, total.	23	(²)	.....	.....	151,888	(²)
Michigan.....	(²)	.....	.....	.....	13,794	.....
Missouri.....	(²)	.....	.....	.....	21,868	.....
New York.....	(²)	.....	.....	.....	27,138	.....
Ohio.....	(²)	.....	.....	.....	16,639	.....
Pennsylvania.....	(²)	.....	.....	.....	15,291	.....
Wisconsin.....	16	.....	.....	.....	25,977	.....
All other states.....	7	.....	.....	.....	31,181	.....
Mint, total.	8,195	8,591	158,091	137,427	253,000	143,618
Indiana.....	1,814	879	36,421	22,380	58,110	19,557
Michigan.....	6,360	7,648	121,169	104,177	194,391	123,444
All other states.....	21	64	901	870	499	617
Tessels, total.	162	(²)	78	(²)	13,760	(²)
New York.....	114	.....	17	.....	10,750	.....
All other states.....	52	.....	61	.....	3,000	.....
Willows, total.	661	521	857	.....	44,175	36,523
Maryland.....	159	23	112	.....	2,385	.....
New York.....	405	366	667	.....	19,038	22,495
All other states.....	97	132	78	.....	8,337	11,190

¹ Expressed in pounds for broom corn, hemp, hops, chicory, and mint; in bushels for chufas; and in tons for tessels and willows.

² Includes Indian Territory. ³ Not reported separately.

⁴ Reported in small fractions.

Broom corn.—The total acreage of broom corn in 1909 was 326,102, an increase of 82.6 per cent over that in 1899. The production, however, was considerably less in the later year than in the earlier, although the value increased by 43.1 per cent, amounting in 1909 to \$5,134,000. About two-thirds of the total acreage in 1909 was in Oklahoma, and most of

the remainder in Kansas and Illinois. The acreage in Illinois was much less in 1909 than in 1899.

Hemp.—The production of hemp is mainly confined to Kentucky, which in 1909 reported 6,855 out of the total of 7,647 acres. The acreage was less than half as great in 1909 as in 1899, but the production fell off only 36.3 per cent and the value only 24.5 per cent. The value of the crop in 1909 was \$413,000.

Hops.—The acreage of hops in the United States was 44,693 in 1909, or about one-fifth less than in 1899. The production fell off in approximately the same ratio, but the value increased 92.2 per cent, amounting in 1909 to \$7,845,000. Oregon is the leading hop growing state, with nearly half the total acreage in 1909; New York, California, and Washington are the only other states of importance.

Other crops.—In the case of none of the other crops covered by the table did the acreage in 1909 amount to 10,000, and only for mint did the value exceed a quarter of a million dollars. With the exception of ginseng, the crops listed are virtually confined to one or two states.

By-products (Table 59).—Flax fiber, cornstalks, and straw, which are obtained as by-products incidental to the raising of flaxseed and the various cereal crops, have a considerable value for feeding or other purposes. They are for the most part consumed on the farms producing them, however, and their value is not included with the value of the main crops from which they are derived.

The Census Bureau did not make any attempt to ascertain the total quantity or value of these products, the schedules calling only for the quantity and value of those sold during 1909.

STRAW AND OTHER BY-PRODUCTS SOLD: 1909.

Table 59 DIVISION.	FLAX FIBER AND STRAW.		OTHER STRAW.		CORNSTALKS.	
	Quantity sold (tons).	Amount received.	Quantity sold (tons).	Amount received.	Quantity sold (tons).	Amount received.
New England.....	10,346	94,499	40,555	5,326	33,347	.....
Middle Atlantic.....	14	178	157,091	1,682,394	27,341	166,236
East North Central.....	1,353	8,726	192,035	689,719	45,790	164,787
West North Central.....	20,217	81,711	79,168	216,188	43,023	103,915
South Atlantic.....	.....	.....	46,659	315,543	24,504	189,507
East South Central.....	2	18	4,489	22,169	6,656	41,514
West South Central.....	29	75	6,684	33,078	50,764	82,601
Mountain.....	2	9	17,255	43,946	1,291	6,264
Pacific.....	40	115	23,968	81,938	890	12,679

A comparatively small quantity of flax fiber and straw was sold by the farmers. The quantity of other straw sold, however, was considerable, the value amounting to \$3,189,000, and the amount received from the sale of cornstalks was \$801,000. The amount of straw and cornstalks sold depends very largely upon whether there are in the vicinity cities, towns, or villages where such materials are needed, inasmuch as those by-products are seldom sold by one farmer to another.

FRUITS AND NUTS.

The value of fruits and nuts produced in the United States in 1909 amounted to \$222,024,000, or 4 per cent of the total value of farm crops. This value exceeds that reported for 1899, \$133,049,000, by 66.9 per cent. It is impossible to state the quantity of the product as a single total, but the statistics for individual classes show that in general the value increased by a much larger percentage than the production. Of the total value of fruits and nuts in 1909, \$29,974,000 was contributed by small fruits, \$140,867,000 by orchard fruits, \$22,028,000 by grapes, \$22,711,000 by citrus fruits, \$1,995,500 by other tropical and subtropical fruits, and \$4,448,000 by nuts. The value of each of these classes in 1909 was very much greater than in 1899, except in the case of small fruits. The distribution of this value in 1909 among the states is shown by the map on page 417.

Small fruits (Tables 60 and 61).—The acreage of small fruits reported in 1909 was 272,460, as compared with 309,770 in 1899, thus showing a decrease of 37,310 acres, or 12 per cent. The total production in 1909, 426,566,000 quarts, was 7.9 per cent less than ten years earlier, when the quantity produced was 463,219,000 quarts, but the value, \$29,974,000, was nearly one-fifth greater, the value of small fruits being \$25,030,000 in 1899. The acreage in 1909 represented 0.1 per cent of the total improved farm acreage of the country, and the value 0.5 per cent of the total value of farm crops. The production of small fruits taken as a group is widely distributed through the country. In acreage the East North Central division ranked first in 1909, the Middle Atlantic second, and the South Atlantic third, but in value the Middle Atlantic division outranked all others.

SMALL FRUITS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS.

DIVISION.	ALL SMALL FRUITS.						STRAWBERRIES.			BLACKBERRIES AND DEWBERRIES.				
	Acreage.		Production (quarts).		Value.		Acreage.		Production (quarts): 1909	Value: 1909	Acreage.		Production (quarts): 1909	Value: 1909
	1909	1899	1909	1899	1909	1899	1909	1899			1909	1899		
United States.....	272,460	309,770	426,565,863	463,218,612	\$29,974,481	\$25,029,757	143,045	151,363	255,702,035	\$17,913,826	40,004	50,211	55,343,570	\$3,809,831
New England.....	13,777	13,647	37,631,006	34,456,096	2,469,094	2,183,069	4,432	4,203	11,741,829	1,068,887	690	795	804,595	80,006
Middle Atlantic.....	55,243	62,672	90,300,863	87,975,716	6,004,636	5,133,239	19,202	21,724	43,747,240	2,875,672	7,518	8,697	9,029,897	615,473
East North Central.....	56,957	62,616	73,745,968	137,590,655	5,813,117	6,689,483	23,604	35,545	39,698,906	3,037,873	10,655	16,417	10,437,862	812,555
West North Central.....	35,587	34,310	46,275,534	45,374,254	3,321,929	2,797,964	16,433	13,873	26,308,539	2,152,142	11,516	8,524	12,111,000	970,774
South Atlantic.....	45,403	49,403	72,300,168	73,878,565	4,122,467	3,505,119	37,280	37,847	63,124,937	3,565,529	5,423	6,525	6,463,811	343,333
South West Central.....	18,994	21,380	22,182,689	26,751,730	1,553,767	1,223,600	14,253	17,666	17,648,063	1,257,412	3,766	1,945	3,580,336	210,983
West South Central.....	19,417	17,519	22,878,888	22,639,210	1,771,332	1,174,029	13,917	12,993	19,701,936	1,440,466	5,106	3,855	3,836,925	300,524
Mountain.....	6,765	5,127	10,587,207	7,927,305	849,203	618,663	3,115	2,034	5,030,445	441,586	554	388	2,297,167	73,640
Pacific.....	20,317	12,566	49,663,540	26,634,481	3,371,823	1,624,689	10,809	5,478	28,700,140	2,074,359	3,776	3,065	8,155,047	502,543

DIVISION.	RASPBERRIES AND LOGANBERRIES.			CURRANTS.			GOOSEBERRIES.			ALL OTHER SMALL FRUITS. ¹						
	Acreage.		Production (quarts): 1909	Value: 1909	Acreage.		Production (quarts): 1909	Value: 1909	Acreage.		Production (quarts): 1909	Value: 1909	Acreage.		Production (quarts): 1909	Value: 1909
	1909	1899			1909	1899			1909	1899			1909	1899		
United States.....	48,668	60,916	60,918,190	\$5,132,277	7,862	12,885	10,448,532	\$790,431	4,765	6,752	5,282,843	\$417,034	19,116	27,663	38,870,687	\$1,810,982
New England.....	1,003	1,139	1,119,007	149,646	489	476	483,291	45,781	129	79	154,233	14,029	7,034	6,955	23,328,051	1,110,745
Middle Atlantic.....	15,335	19,554	19,802,119	1,618,978	3,239	3,468	4,637,483	318,993	559	559	661,576	48,645	9,336	9,670	12,422,548	526,875
East North Central.....	16,976	24,790	16,835,570	1,605,474	1,683	4,335	2,086,723	167,959	1,483	2,383	1,629,680	126,007	2,557	8,846	2,947,218	163,249
West North Central.....	5,403	7,389	5,634,788	607,033	934	1,839	900,002	88,174	1,232	2,039	1,085,304	100,581	69	1,126	34,971	3,258
South Atlantic.....	2,263	3,867	2,218,296	179,690	80	207	89,965	8,307	310	411	379,639	24,797	47	546	23,520	1,411
South West Central.....	853	1,288	799,212	75,456	16	32	19,785	1,806	126	216	134,815	10,071	(2)	233	468	39
West South Central.....	313	401	268,808	22,859	46	20	39,088	4,445	35	49	31,486	2,878	(2)	120	634	60
Mountain.....	1,820	1,307	3,194,610	297,722	752	757	1,028,078	85,488	524	458	610,323	47,762	(2)	183	584	65
Pacific.....	4,662	2,091	10,985,785	677,899	623	1,131	1,164,097	69,478	374	547	595,778	42,264	73	284	62,693	5,280

¹ Includes cranberries and all other unclassified small fruits.

² Reported in small fractions.

Strawberries are the most important of the small fruits, representing in 1909 over half of the total acreage and about three-fourths of the total value. The acreage of raspberries and loganberries in 1909 was slightly less than that of blackberries and dewberries, but the production and value were considerably greater. The production of strawberries and blackberries is very widely distributed through the country, but that of raspberries, currants, and gooseberries is mainly confined to the North and West, and that of cranberries is almost wholly confined to Massachusetts, New Jersey, and Wisconsin.

The acreage of each of the separate classes of small fruits covered by the table was less in 1909 than in 1899; and the production was likewise less except in the case of cranberries for which 38,243,000 quarts were reported in 1909. In 1899 the production of strawberries was 257,427,000 quarts, that of blackberries and dewberries 62,190,000 quarts, that of raspberries and loganberries 76,628,000 quarts, that of currants 18,593,000 quarts, that of gooseberries 9,321,000 quarts, and that of cranberries 31,601,000 quarts. The value of the separate kinds of small fruits was not called for by the agricultural schedule at the Twelfth Census.

SMALL FRUITS—ACREAGE, PRODUCTION, AND VALUE, BY STATES.

Table 61	STATE.	ALL SMALL FRUITS.						ACREAGE: 1909							
		Acreage.		Production (quarts).		Value.		Straw-berries.	Black-berries and dew-berries.	Rasp-berries and logan-berries.	Curr-ants.	Goose-berries.	Cran-berries.	All other small fruits.	
		1909	1899	1909	1899	1909	1899								
	United States.....	272,460	309,770	426,565,863	463,218,612	\$29,974,481	\$25,029,757	143,045	49,004	48,668	7,862	4,765	18,431	655	
	NEW ENGLAND:														
	Maine.....	1,260	1,585	2,285,415	1,754,688	233,124	157,679	698	145	127	80	59	151	(1)	
	New Hampshire.....	618	730	998,244	1,261,176	107,365	116,361	316	67	85	42	5	109	(3)	
	Vermont.....	469	488	1,625,122	930,260	92,030	85,121	276	47	80	58	6	1	1	
	Massachusetts.....	9,552	8,246	29,260,143	25,882,372	1,676,790	1,493,714	2,015	287	388	243	42	6,577	(1)	
	Rhode Island.....	281	581	437,540	789,698	43,033	51,202	140	16	34	12	8	70	1	
	Connecticut.....	1,597	1,987	3,823,522	3,838,502	316,732	278,373	993	128	239	54	9	123	1	
	MIDDLE ATLANTIC:														
	New York.....	22,406	25,051	37,887,829	40,375,854	2,875,495	2,538,363	6,382	1,951	11,657	2,557	259	277	13	
	New Jersey.....	24,069	25,350	38,822,987	28,339,302	1,954,123	1,406,049	8,684	4,332	1,744	124	155	9,030	.....
	Pennsylvania.....	8,678	12,271	13,620,047	19,260,560	1,175,016	1,268,827	4,136	1,235	2,594	558	139	4	12	
	EAST NORTH CENTRAL:														
	Ohio.....	11,591	21,121	15,721,023	33,736,030	1,296,343	1,767,357	4,706	2,425	3,869	359	226	3	3	
	Indiana.....	5,919	13,115	7,424,831	22,088,205	612,725	1,113,527	2,574	1,347	1,412	165	274	4	143	
	Illinois.....	11,723	16,794	12,602,976	28,129,216	1,109,747	1,293,235	5,410	3,503	1,945	252	633	10	(1)	
	Michigan.....	21,419	29,167	27,214,659	40,168,178	2,628,865	1,689,249	8,051	2,973	8,796	609	297	202	501	
	Wisconsin.....	6,395	12,389	9,782,779	15,439,026	765,437	835,119	2,863	407	964	208	82	1,689	2	
	WEST NORTH CENTRAL:														
	Minnesota.....	3,738	3,002	4,476,575	4,542,640	493,406	339,569	1,873	145	1,388	200	71	61	(1)	
	Iowa.....	7,211	9,635	10,344,052	11,327,132	966,894	878,447	2,917	2,279	1,573	253	189	(1)	(1)	
	Missouri.....	17,099	14,840	23,696,221	21,484,920	1,761,409	1,050,811	9,048	5,975	1,351	92	555	8	(1)	
	North Dakota.....	399	67	285,696	70,152	39,641	7,785	88	2	85	138	86	(1)	.....
	South Dakota.....	419	161	401,295	165,744	47,263	15,929	226	5	66	67	50	(1)	.....
	Nebraska.....	1,411	1,171	1,594,421	1,211,630	159,169	98,159	562	428	247	86	88	(1)	.....
	Kansas.....	5,400	5,824	5,477,274	6,572,036	454,200	406,494	1,719	2,682	713	98	188	(1)	(1)	
	SOUTH ATLANTIC:														
	Delaware.....	8,687	10,599	14,425,209	13,670,389	649,732	461,621	7,194	1,256	223	3	11	.....	.....
	Maryland.....	16,595	17,522	26,277,054	27,397,590	1,227,548	1,181,054	14,262	1,180	846	36	241	(1)	(1)	
	District of Columbia.....	12	82	24,109	126,332	1,875	7,855	11	(1)	(1)	1	(1)	.....	.....
	Virginia.....	7,295	8,796	11,342,680	13,473,920	671,843	765,607	6,606	344	276	5	22	40	2	
	West Virginia.....	2,916	1,994	2,916,562	2,388,670	191,202	149,302	702	192	847	30	30	(1)	.....
	North Carolina.....	6,701	6,887	12,827,427	11,934,060	853,076	599,963	5,420	1,233	30	3	5	(1)	.....
	South Carolina.....	856	591	1,408,099	959,305	113,254	59,496	815	38	2	1	(1)	.....	.....
	Georgia.....	988	1,634	1,262,155	1,597,928	111,754	90,785	890	67	29	1	1	(1)	.....
	Florida.....	1,356	1,348	2,396,573	1,770,980	302,883	189,807	1,343	13	(1)	(1)	(1)	(1)	.....
	EAST SOUTH CENTRAL:														
	Kentucky.....	4,387	6,126	4,972,702	8,862,560	357,597	435,462	1,553	2,141	564	14	115	(1)	(1)	
	Tennessee.....	12,539	12,944	13,895,493	15,200,120	923,613	693,092	10,761	1,514	233	2	9	(1)	(1)	
	Alabama.....	1,232	1,761	1,907,193	933,570	163,398	54,097	1,167	53	11	(1)	1	(1)	(1)	
	Mississippi.....	836	1,549	1,407,301	1,735,480	107,171	141,009	772	98	5	(1)	1	(1)	(1)	
	WEST SOUTH CENTRAL:														
	Arkansas.....	8,032	10,819	8,965,572	14,067,990	601,722	604,323	7,361	525	123	4	19	(1)	(1)	
	Louisiana.....	3,587	1,408	6,420,327	1,856,510	496,888	172,803	3,570	16	.....	.....	.....	.....	.....
	Oklahoma.....	2,745	1,388	2,310,367	21,475,790	202,291	192,223	825	1,792	55	36	7	(1)	.....
	Texas.....	5,033	3,994	6,182,742	5,208,920	480,331	304,680	2,161	2,773	104	6	9	(1)	.....
	MOUNTAIN:														
	Montana.....	562	554	766,791	1,033,885	86,586	79,891	265	34	113	115	35	(1)	.....
	Idaho.....	1,673	957	2,071,141	1,246,110	201,525	95,115	698	170	496	167	142	(1)	.....
	Wyoming.....	106	37	96,883	37,330	13,984	4,964	24	(1)	14	41	27	(1)	.....
	Colorado.....	2,829	2,347	4,294,988	3,649,230	398,836	294,385	1,326	228	801	282	192	(1)	.....
	New Mexico.....	66	48	76,532	59,689	9,325	5,708	29	10	12	7	17	(1)	(1)	
	Arizona.....	76	79	112,190	129,470	12,987	12,265	58	16	1	(1)	(1)	(1)	.....
	Utah.....	1,416	1,052	3,118,395	1,694,730	217,327	117,499	719	95	374	128	100	.....	.....
	Nevada.....	37	53	50,287	76,890	5,683	8,786	5	1	3	11	11	.....	.....
	PACIFIC:														
	Washington.....	5,508	2,845	13,490,930	5,406,996	941,415	326,646	3,283	769	1,210	127	114	5	(1)	
	Oregon.....	5,122	3,470	9,348,440	6,645,534	641,194	386,632	2,941	431	1,460	89	186	14	1	
	California.....	9,687	6,281	26,824,120	14,581,951	1,789,214	911,411	4,585	2,576	1,992	407	74	33	(1)	

¹ Reported in small fractions.

² Includes Indian Territory.

Orchard fruits (Table 62).—Neither in 1910 nor in 1900 did the census schedules call for the acreage of orchard fruits, but at both censuses the number of trees of bearing age was called for, and at the later census also the number not of bearing age. In the report of the census of 1900, however, the belief was expressed that some trees not of bearing age were reported by the enumerators as of bearing age. This doubtless accounts wholly or in part for the decrease in the reported number of trees of bearing age for all classes of orchard fruits combined, from 369,377,000 in 1900 to 301,117,000 in 1910. Decreases also appear in the totals for the United States for every kind of orchard fruit which was reported separately. The number of trees which were not of bearing age in 1910 was 130,973,000. The total production of orchard fruits in 1909 was 216,084,000 bushels, or only slightly more than in 1899, but all the kinds of fruit except apples, in which there was a decrease, show high percentages

of increase. The value of all orchard fruits in 1909, however, \$140,867,000, was 68.2 per cent greater than the value in 1899, and represented 2.6 per cent of the total value of farm crops.

The production of orchard fruits as a group is very widely distributed throughout the country. As measured by number of trees of bearing age in 1910, the East North Central was the leading division, followed by the West North Central and the South Atlantic; but as determined by value of fruit produced in 1909 the ranking is quite different, the Middle Atlantic division standing first, the Pacific division second, and the East North Central third. The leading states in the value of fruit produced are California and New York.

Apples are much the most important of the orchard fruits, their value in 1909 being 59.1 per cent of the total. Peaches and nectarines rank next, with 20.4 per cent of the total, followed by plums and prunes, pears, cherries, and apricots and quinces in the order named.

Definite conclusions as to the relative importance of different states can not always be drawn from the number of trees of bearing age, since the trees in some states are much more prolific than in others, nor does the production of any given year furnish an altogether satisfactory index, since weather conditions may be favorable in one part of the country and unfavorable in another.

ORCHARD FRUITS—TREES, PRODUCTION, AND VALUE.

Table 62 DIVISION OR STATE.	Trees of bearing age: 1910	Trees not of bearing age: 1910	PRODUCTION (BUSHELLS).		VALUE.	
			1909	1899	1909	1899
			1909	1899	1909	1899
U. S.	301,117,277	130,973,352	216,083,895	212,365,600	\$140,867,347	\$83,750,961
GEORG. DIVS.:						
New Eng.	9,505,622	2,904,978	11,235,557	12,006,412	7,327,573	4,329,590
Md. Atl.	55,727,015	15,475,107	45,114,707	57,577,044	28,611,924	21,115,717
E. N. C.	55,727,972	15,475,107	38,157,677	50,679,044	24,366,952	17,029,303
W. N. C.	52,805,414	15,211,758	25,515,920	15,403,365	14,763,345	7,347,031
S. Atl.	45,951,571	17,881,177	25,544,335	29,550,477	15,706,294	8,581,087
E. S. C.	25,275,835	10,443,210	20,042,353	13,444,525	11,110,941	4,340,252
W. S. C.	88,179,188	18,022,455	7,058,046	6,654,017	3,249,866	3,246,630
Mountain Pacific ..	6,785,221	9,718,919	7,478,005	1,646,077	7,648,546	1,371,803
	32,013,819	19,670,545	40,160,421	25,393,055	25,972,866	16,432,288
New Eng.:						
Me.	3,586,452	1,060,768	3,094,251	1,438,819	2,207,748	833,634
N. H.	1,360,937	271,153	1,168,044	2,017,880	719,777	707,729
Vt.	1,268,700	252,401	1,492,496	1,191,429	801,365	450,429
Mass.	1,698,220	591,798	2,763,679	3,158,781	2,074,270	1,170,885
R. I.	215,798	94,564	245,322	300,293	197,639	155,571
Conn.	1,369,513	604,296	1,874,242	3,839,165	1,327,074	1,011,359
Md. Atl.:						
N. Y.	17,625,693	7,363,614	29,456,291	26,172,310	17,958,904	10,542,272
N. J.	3,165,749	2,190,236	2,372,358	6,168,480	1,975,044	2,594,981
Pa.	13,786,773	5,921,257	13,285,953	25,236,854	6,877,986	7,976,646
E. N. C.:						
Ohio	14,933,813	5,603,742	6,711,298	21,399,273	5,691,530	6,141,118
Ind.	10,050,759	3,787,631	4,713,537	3,300,482	3,709,275	3,166,338
Ill.	15,033,743	3,919,267	4,939,211	9,707,241	3,857,743	3,778,811
Mo.	12,842,827	6,679,949	15,230,104	9,859,862	9,029,842	3,675,845
Wis.	2,801,830	1,654,610	2,343,517	348,000	2,087,202	267,391
W. N. C.:						
Minn.	1,644,690	1,787,107	1,066,659	143,655	801,112	109,650
Iowa	9,152,664	2,760,584	3,572,253	1,456,153	4,283,873	3,849,767
Mo.	23,128,107	5,748,159	11,957,399	6,805,501	6,532,578	2,944,175
N. Dak.	40,296	128,937	5,685	1,647	9,688	1,061
S. Dak.	599,586	721,924	229,907	26,401	209,399	29,568
Nebr.	5,961,984	1,750,584	3,572,253	1,456,153	3,245,124	1,684,751
Kans.	13,122,464	2,273,397	1,447,849	3,513,686	944,631	1,728,659
S. Atl.:						
Del.	2,102,313	575,897	309,274	884,797	195,766	263,127
D. C.	3,583	74	5,655	1,002	3,169	773
Va.	9,609,799	4,631,587	6,581,101	10,497,401	3,582,559	2,662,483
W. Va.	2,770,384	4,589,587	4,709,959	7,642,193	3,040,192	2,155,569
Ariz.	6,152,664	1,157,888	861,338	943,464	948,626	943,464
S. C.	1,669,996	723,892	1,132,668	432,173	956,376	272,794
Ga.	13,179,852	2,517,378	3,070,830	1,028,833	2,930,793	497,847
Fla.	451,416	199,448	238,188	228,453	222,203	192,893
E. S. C.:						
Ky.	8,722,441	3,595,244	9,444,558	6,286,174	4,506,560	1,943,645
Tenn.	8,959,070	3,734,080	6,487,540	5,599,688	3,459,077	1,479,915
Ala.	5,039,618	1,759,888	2,478,540	947,736	1,818,508	476,574
Miss.	2,554,756	1,353,998	1,639,905	1,001,927	1,355,306	440,118
W. S. C.:						
Ar.	15,311,761	7,258,166	4,437,917	3,359,865	3,011,377	1,252,203
La.	1,206,920	495,825	367,007	283,087	314,027	225,476
Ok.	152,445	188,302	1,157,288	961,338	943,464	543,588
Tex.	12,560,032	4,961,072	1,000,233	2,359,731	1,000,998	1,345,423
MOUNTAIN:						
Mont.	749,104	1,363,798	591,088	45,192	609,073	59,414
Wyo.	1,191,839	2,021,368	923,229	432,039	805,616	365,224
Idaho	33,497	97,013	18,586	1,145	39,774	1,430
Colo.	2,947,920	3,151,784	4,565,849	354,049	4,651,792	378,119
N. Mex.	803,068	1,282,211	904,059	267,835	519,677	197,331
Utah	152,940	116,988	153,883	115,306	241,110	96,764
Nev.	1,385,681	1,641,755	633,739	397,363	640,904	263,098
Calif.	94,222	29,002	86,576	15,287	82,695	10,433
PACIFIC:						
Wash.	4,484,889	6,951,251	4,244,670	1,180,357	4,274,124	999,487
Oreg.	4,853,735	4,309,232	4,423,244	1,522,062	3,339,845	906,015
Calif.	22,485,195	8,410,062	31,501,507	22,690,696	18,358,897	14,526,786

1 Includes value of dried fruits, cider, vinegar, etc.
2 Includes Indian Territory.

Apples (Table 63).—The number of apple trees of bearing age in 1910 was 151,323,000, and there were 65,792,000 trees not of bearing age. The production in 1909 was 147,522,000 bushels, as compared with 175,398,000 bushels in 1899, a decrease of 15.9 per cent. The value of the apple crop in 1909 was

\$83,231,000 or 1.5 per cent of the total value of all crops. Values were not reported for individual kinds of fruit in 1899.

While apple production is widely distributed, the leading geographic divisions are the Middle Atlantic, East North Central, and West North Central. There is, however, a marked development in the western sections of the country, which in part explains the fact that in 1910 the ratio of the number of trees not of bearing age to the number of bearing age was much higher in the West South Central, Mountain, and Pacific divisions than in any of the more easterly divisions except the South Atlantic.

APPLES—TREES, PRODUCTION, AND VALUE.

Table 63 DIVISION OR STATE.	Trees of bearing age.	Trees not of bearing age.	1910		Value.	1899
			Production (bushels).	Value.		
			1909	1899		
United States	151,322,840	65,791,848	147,522,318	\$83,231,492	175,397,600	
GEOGRAPHIC DIVISIONS:						
New England	8,219,152	2,094,512	10,508,457	6,272,726	11,649,204	
Middle Atlantic	20,302,283	5,849,449	37,864,532	19,856,752	52,812,804	
East North Central	34,174,909	10,610,319	25,080,615	14,669,290	47,650,800	
West North Central	31,744,737	9,724,950	22,635,470	11,792,016	14,322,739	
South Atlantic	20,073,112	10,063,819	18,376,483	9,461,189	29,772,835	
East South Central	12,273,277	5,386,555	13,163,189	6,073,710	12,409,472	
West South Central	11,018,069	7,224,590	3,240,108	2,085,200	3,805,702	
Mountain	4,484,667	6,679,101	5,718,372	5,530,183	882,598	
Pacific	7,322,012	8,157,445	10,398,096	7,484,367	5,094,166	
New England:						
Maine	3,476,616	1,045,723	3,636,181	2,121,816	1,421,773	
New Hampshire	1,240,885	207,289	1,108,424	637,990	1,978,727	
Vermont	1,183,529	219,833	1,459,639	752,337	1,176,822	
Massachusetts	1,367,379	358,808	2,550,259	1,780,230	3,023,436	
Rhode Island	152,069	54,660	212,809	147,125	378,943	
Connecticut	785,734	211,839	1,540,996	835,168	1,708,313	
Middle Atlantic:						
New York	11,248,203	2,828,515	25,409,324	13,343,028	24,111,257	
New Jersey	1,053,626	519,749	1,406,778	856,108	4,650,890	
Pennsylvania	8,000,450	2,501,158	11,048,430	5,537,616	24,060,651	
East North Central:						
Ohio	8,504,882	2,438,246	4,663,752	2,970,851	6,177,480	
Indiana	5,764,821	1,961,974	6,739,134	2,720,451	9,330,275	
Illinois	9,940,627	2,548,801	3,063,321	1,111,896	9,185,150	
Michigan	7,534,343	2,253,072	12,332,296	5,969,080	8,931,569	
Wisconsin	2,400,232	1,408,726	2,232,112	1,186,681	303,373	
West North Central:						
Minnesota	1,830,996	1,571,816	1,044,156	769,114	129,143	
Iowa	5,847,034	1,914,325	6,746,068	3,580,729	1,200,262	
Missouri	14,359,673	3,624,833	9,968,977	4,885,544	6,496,436	
North Dakota	15,941	70,023	4,374	7,270	1,273	
South Dakota	274,862	494,547	191,754	158,729	17,121	
Nebraska	2,937,178	967,133	3,321,073	1,612,765	1,343,497	
Kansas	6,929,673	1,116,316	1,356,438	807,863	3,214,407	
South Atlantic:						
Delaware	429,753	263,813	183,094	115,371	702,920	
Maryland	1,288,482	660,685	1,822,824	902,077	1,390,673	
District of Columbia	1,654	29	2,952	2,162	283	
Virginia	4,000,548	3,435,616	6,103,941	3,129,832	9,835,282	
North Carolina	7,570,948	2,772,025	4,225,163	2,461,074	7,495,743	
South Carolina	4,910,171	1,835,337	4,775,693	2,014,670	4,662,751	
Georgia	581,767	269,044	362,800	276,410	251,728	
Florida	1,875,266	822,327	859,613	555,744	670,830	
East South Central:						
Kentucky	5,538,267	2,106,297	7,368,499	3,096,776	6,033,717	
Tennessee	4,838,322	1,217,246	4,622,212	1,720,475	5,393,775	
Alabama	1,468,436	737,689	888,396	320,745	179,175	
Mississippi	427,652	425,323	265,841	213,714	249,035	
West South Central:						
Arkansas	7,650,103	3,940,098	2,296,043	1,322,753	2,811,512	
Louisiana	93,304	96,544	34,875	28,744	68,735	
Oklahoma	2,955,810	2,060,384	742,182	573,076	1,333,800	
Texas	1,138,582	1,127,573	168,008	160,685	591,985	
Mountain:						
Montana	696,753	1,308,066	567,054	568,838	43,939	
Idaho	1,005,668	1,539,996	659,595	610,504	223,662	
Wyoming	27,773	84,024	17,836	37,580	939	
Utah	1,688,425	1,972,914				

Peaches and nectarines (Table 64).—The number of peach and nectarine trees of bearing age April 15, 1910, was 94,507,000, and the number not of bearing age 42,266,000. The value of peaches and nectarines produced in 1909 was \$28,781,000. The production is very widely distributed. In number of trees of bearing age in 1910 the West South Central division ranked first and the South Atlantic division second; but in the production of 1909 the Pacific division (in which nearly the entire production is in California) decidedly out-ranked all others, with the East South Central division second and the South Atlantic third.

PEACHES AND NECTARINES—TREES, PRODUCTION, AND VALUE.

Table 64 DIVISION OR STATE.	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (bushels).	Value.	Production (bushels).
United States	94,508,657	42,266,243	35,470,276	\$28,781,078	15,432,563
GEOGRAPHIC DIVISIONS:					
New England.....	723,810	572,237	406,903	632,411	104,737
Middle Atlantic.....	6,056,660	5,739,325	3,201,463	4,018,034	1,231,242
East North Central.....	11,035,119	6,972,475	5,120,841	5,172,957	716,670
West North Central.....	13,265,526	2,582,028	1,643,257	1,250,944	212,932
South Atlantic.....	20,583,445	6,137,901	5,571,628	4,888,459	1,412,471
East South Central.....	10,312,768	3,805,232	5,775,799	4,088,459	349,226
West South Central.....	23,284,960	8,734,572	9,279,545	3,761,044	2,132,353
Mountain.....	1,605,283	1,696,111	840,161	1,071,446	267,395
Pacific.....	8,639,048	5,945,882	9,530,642	4,887,007	8,745,607
NEW ENGLAND:					
Maine.....	3,102	3,320	2,014	3,205	1,895
New Hampshire.....	57,571	35,213	23,218	37,884	6,054
Vermont.....	5,452	2,187	2,221	4,399	967
Massachusetts.....	154,562	162,114	91,735	138,716	27,906
Rhode Island.....	39,342	30,795	17,794	30,609	6,140
Connecticut.....	461,711	338,608	269,990	417,398	61,775
MIDDLE ATLANTIC:					
New York.....	2,457,187	2,216,907	1,736,453	2,014,088	466,850
New Jersey.....	1,216,476	1,303,632	441,440	652,771	630,928
Pennsylvania.....	2,383,027	2,179,386	1,023,570	1,351,175	143,404
EAST NORTH CENTRAL:					
Ohio.....	3,133,368	2,092,300	1,036,340	1,349,311	240,686
Indiana.....	2,130,288	1,145,479	1,174,381	1,123,248	69,333
Illinois.....	2,860,120	739,358	1,222,570	969,516	60,805
Michigan.....	2,907,170	2,991,690	1,686,594	1,700,320	339,637
Wisconsin.....	4,163	4,188	566	532	209
WEST NORTH CENTRAL:					
Minnesota.....	1,571	3,837	599	659	190
Iowa.....	1,690,749	283,308	23,180	24,950	5,481
Missouri.....	6,588,034	1,494,429	1,484,548	1,110,533	61,006
North Dakota.....	90	604	35	17	.....
South Dakota.....	1,815	5,259	148	167	13
Nebraska.....	1,188,373	263,882	110,180	91,129	8,753
Kansas.....	4,384,894	629,769	24,567	25,418	137,489
SOUTH ATLANTIC:					
Delaware.....	1,177,402	212,117	16,722	21,402	9,750
Maryland.....	1,497,724	805,663	324,609	361,617	172,303
District of Columbia.....	330	1	3	3	.....
Virginia.....	1,585,550	740,551	243,446	227,141	357,339
West Virginia.....	1,424,582	1,189,188	328,901	368,584	18,100
North Carolina.....	2,663,791	801,642	1,344,410	1,041,767	373,663
South Carolina.....	1,236,114	849,781	645,040	537,203	129,472
Georgia.....	10,609,119	1,811,267	2,555,499	1,822,613	259,728
Florida.....	290,850	156,782	114,998	128,029	92,113
EAST SOUTH CENTRAL:					
Kentucky.....	2,245,402	1,110,744	1,623,379	1,062,138	34,700
Tennessee.....	3,163,737	1,190,727	1,579,019	1,053,379	77,678
Alabama.....	3,177,331	838,866	1,416,584	1,053,971	184,543
Mississippi.....	1,726,298	724,895	1,156,817	925,288	252,305
WEST SOUTH CENTRAL:					
Arkansas.....	6,859,962	2,884,927	1,901,647	1,502,966	333,642
Louisiana.....	963,352	316,132	290,623	228,084	153,808
Oklahoma.....	4,783,825	2,574,880	3,256,632	3,295,315	1,304,663
Texas.....	9,375,827	2,368,813	729,631	705,649	1,400,240
MOUNTAIN:					
Montana.....	538	3,386	128	235	17
Idaho.....	73,088	212,965	18,734	28,149	17,793
Wyoming.....	46	419	5	50	.....
Colorado.....	793,372	606,001	692,255	75,561	47,381
New Mexico.....	136,191	184,466	32,533	37,195	76,294
Arizona.....	31,415	32,560	30,102	39,323	38,092
Utah.....	844,314	634,233	140,237	156,451	85,315
Nevada.....	6,329	5,049	3,171	4,500	2,563
PACIFIC:					
Washington.....	536,875	1,028,141	84,494	118,911	80,960
Oregon.....	273,162	508,170	179,030	194,314	101,180
California.....	7,829,011	4,409,562	9,267,118	4,573,775	8,563,427

¹ Includes Indian Territory.

Pears (Table 65).—The number of pear trees reported as of bearing age in 1910 was 15,172,000, and there were 8,804,000 trees not of bearing age. The production increased from 6,625,000 bushels in 1899 to 8,841,000 bushels in 1909, or 33.4 per cent. The value of the crop in 1909 was \$7,911,000. In number of trees of bearing age in 1910, the Middle Atlantic and East North Central divisions ranked far above the others, but in the production for 1909 the Pacific division stood first. California and New York together produced about three-eighths of the total pear crop. Only one other state, Michigan, reported the production of more than 500,000 bushels of pears.

PEARS—TREES, PRODUCTION, AND VALUE.

Table 65 DIVISION OR STATE.	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (bushels).	Value.	Production (bushels).
United States	15,171,524	8,803,835	8,840,733	\$7,911,600	6,625,417
GEOGRAPHIC DIVISIONS:					
New England.....	296,874	97,650	233,845	258,816	183,728
Middle Atlantic.....	3,670,094	2,123,242	2,183,204	2,029,040	2,185,162
East North Central.....	3,569,081	1,941,561	1,623,176	1,331,712	782,205
West North Central.....	1,154,226	389,140	213,678	239,838	86,804
South Atlantic.....	2,325,714	880,461	975,162	680,275	745,204
East South Central.....	811,618	506,959	536,422	450,642	180,128
West South Central.....	1,045,143	936,230	191,718	192,736	225,385
Mountain.....	312,446	417,182	268,205	371,506	133,382
Pacific.....	1,975,123	1,811,516	2,613,523	2,356,835	2,103,286
NEW ENGLAND:					
Maine.....	46,683	13,013	38,964	43,524	11,200
New Hampshire.....	36,816	9,397	24,224	25,206	19,341
Vermont.....	26,315	7,726	20,763	25,788	10,239
Massachusetts.....	113,396	88,378	96,171	110,069	85,011
Rhode Island.....	16,907	5,465	12,501	14,577	12,452
Connecticut.....	56,788	23,731	41,322	41,652	41,485
MIDDLE ATLANTIC:					
New York.....	2,141,596	1,502,661	1,343,089	1,418,218	960,170
New Jersey.....	731,616	268,641	374,290	254,582	790,818
Pennsylvania.....	796,882	382,180	378,823	356,240	434,177
EAST NORTH CENTRAL:					
Ohio.....	899,010	333,739	374,871	332,727	244,565
Indiana.....	798,723	229,548	319,255	243,698	231,713
Illinois.....	786,349	234,037	249,365	202,965	133,745
Michigan.....	1,136,151	623,961	665,623	535,771	170,702
Wisconsin.....	29,811	20,250	12,962	10,551	1,940
WEST NORTH CENTRAL:					
Minnesota.....	2,792	4,135	400	465	226
Iowa.....	191,125	123,262	14,449	58,777	5,014
Missouri.....	606,973	272,213	142,547	148,780	58,449
North Dakota.....	1	2,927	8	15	.....
South Dakota.....	1,844	5,087	162	447	157
Nebraska.....	59,283	51,443	19,702	9,802	979
Kansas.....	292,388	132,673	19,412	21,543	21,978
SOUTH ATLANTIC:					
Delaware.....	449,662	90,917	107,357	52,022	156,208
Maryland.....	504,583	138,152	367,359	168,561	301,702
District of Columbia.....	1,045	32	455	412	468
Virginia.....	457,177	255,083	74,486	63,424	88,400
West Virginia.....	154,908	102,826	29,916	32,101	19,475
North Carolina.....	243,367	150,368	84,019	81,847	25,521
South Carolina.....	108,234	54,733	65,680	67,683	20,439
Georgia.....	2,622,982	69,534	149,667	134,604	49,497
Florida.....	110,709	18,817	98,223	80,119	83,854
EAST SOUTH CENTRAL:					
Kentucky.....	337,355	131,905	251,536	187,951	76,940
Tennessee.....	233,407	174,675	83,557	78,448	45,609
Alabama.....	142,300	99,170	100,041	86,866	22,656
Mississippi.....	118,556	101,209	101,288	96,777	36,293
WEST SOUTH CENTRAL:					
Arkansas.....	221,764	196,753	37,547	38,140	24,503
Louisiana.....	57,630	38,242	35,554	31,069	29,405
Oklahoma.....	207,271	252,336	7,450	9,248	14,939
Texas.....	558,478	448,899	110,967	114,270	166,418
MOUNTAIN:					
Montana.....	10,297	12,806	7,543	12,068	24
Idaho.....	65,113	176,939	42,649	48,945	25,324
Wyoming.....	128	901	16	65	.....
Colorado.....	99,989	171,367	132,536	210,685	19,272
New Mexico.....	37,220	100,201	25,445	29,688	14,777
Arizona.....	16,351	12,852	13,283	21,531	13,197
Utah.....	79,353	39,901	38,654	44,363	59,082
Nevada.....	3,946	2,215	4,083	5,119	903
PACIFIC:					
Washington.....	290,676	617,574	310,804	328,895	78,236
Oregon.....	273,542	786,069	374,622	366,977	112,225
California.....	1,410,908	398,661	1,928,097	1,609,963	1,922,825

¹ Includes Indian Territory.

Plums and prunes (Table 66).—Plum and prune trees of bearing age in 1910 numbered 23,445,000 and those not of bearing age 6,924,000. The production in 1909 was 15,480,000 bushels, or 76.6 per cent greater than that in 1899, 8,764,000 bushels. The value of the crop in 1909 was \$10,299,000. The Pacific division in 1910 had over two-fifths of the trees of bearing age, and in 1909 produced nearly four-fifths of the total crop. New York is the most important of the eastern states in the production of plums and prunes.

PLUMS AND PRUNES—TREES, PRODUCTION, AND VALUE.

DIVISION OR STATE.	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (bushels).	Value.	Production (bushels).
United States	23,445,000	6,923,581	15,480,170	\$10,299,495	8,764,032
GEOGRAPHIC DIVISIONS:					
New England.....	176,038	90,498	62,733	110,178	24,976
Middle Atlantic.....	1,709,712	545,001	585,774	928,673	428,583
East North Central.....	2,739,655	845,001	508,393	674,471	596,753
West North Central.....	3,570,012	1,114,862	499,784	555,374	428,048
South Atlantic.....	1,152,080	363,099	257,912	236,221	199,561
East South Central.....	1,324,616	372,010	442,125	314,199	228,558
West South Central.....	2,337,955	744,987	327,200	207,703	397,366
Mountain.....	675,268	265,810	366,056	319,651	248,223
Pacific.....	9,756,683	2,150,460	12,097,643	6,912,825	6,221,064
NEW ENGLAND:					
Maine.....	43,576	22,491	14,367	31,954	2,282
New Hampshire.....	23,152	12,562	7,542	14,039	4,942
Vermont.....	32,920	15,818	7,305	12,927	1,529
Massachusetts.....	41,345	23,871	17,814	28,253	5,019
Rhode Island.....	4,836	2,556	1,872	3,586	571
Connecticut.....	30,209	13,200	13,663	19,419	9,733
MIDDLE ATLANTIC:					
New York.....	919,017	328,329	553,522	519,192	303,688
New Jersey.....	46,547	23,071	9,594	13,476	24,685
Pennsylvania.....	744,148	493,601	286,158	396,005	100,210
EAST NORTH CENTRAL:					
Ohio.....	1,001,784	332,811	215,657	278,505	81,435
Indiana.....	566,988	177,931	77,065	89,073	131,529
Illinois.....	600,857	141,480	78,566	80,384	157,941
Michigan.....	464,917	233,479	181,188	205,765	213,682
Wisconsin.....	105,009	71,153	15,907	20,944	12,166
WEST NORTH CENTRAL:					
Minnesota.....	233,736	167,926	19,920	27,808	21,820
Iowa.....	1,132,041	245,221	158,056	192,421	186,312
Missouri.....	917,851	183,828	234,872	211,472	111,903
North Dakota.....	19,147	35,459	1,048	1,866	365
South Dakota.....	268,268	172,186	31,748	36,872	5,114
Nebraska.....	351,321	184,066	41,910	50,334	42,314
Kansas.....	624,648	126,116	12,250	14,001	57,530
SOUTH ATLANTIC:					
Delaware.....	27,115	3,872	657	540	7,315
Maryland.....	69,996	29,478	13,526	16,192	19,945
District of Columbia.....	104	8	10	24	10
Virginia.....	171,667	59,127	22,597	22,772	21,167
West Virginia.....	254,859	125,078	32,948	48,522	19,123
North Carolina.....	464,832	45,503	61,462	43,274	22,504
South Carolina.....	82,212	21,657	48,754	37,555	16,177
Georgia.....	357,323	62,126	60,845	46,366	36,920
Florida.....	39,921	16,250	17,169	18,976	47,840
EAST SOUTH CENTRAL:					
Kentucky.....	355,858	128,367	139,346	102,446	76,574
Tennessee.....	499,627	108,510	139,093	86,743	73,315
Alabama.....	211,991	51,979	61,712	45,039	11,876
Mississippi.....	257,140	85,154	101,974	79,971	66,793
WEST SOUTH CENTRAL:					
Arkansas.....	731,276	179,967	194,649	137,093	174,734
Louisiana.....	149,929	41,419	31,473	24,641	29,682
Oklahoma.....	436,421	135,838	25,916	28,134	12,037
Texas.....	1,020,359	327,765	75,222	77,925	180,813
MOUNTAIN:					
Montana.....	21,140	15,001	8,777	11,642	373
Idaho.....	302,585	89,017	179,027	137,804	164,468
Wyoming.....	4,564	7,475	659	1,842	7
Colorado.....	143,921	68,525	81,539	81,354	15,224
New Mexico.....	51,257	42,351	15,528	17,054	18,492
Arizona.....	12,196	7,808	3,426	16,261	840
Utah.....	135,619	23,388	68,249	54,040	45,984
Nevada.....	6,716	3,155	3,857	4,654	542
PACIFIC:					
Washington.....	833,082	122,912	1,032,077	600,503	229,207
Oregon.....	1,764,896	427,609	1,747,587	838,783	359,821
California.....	7,168,705	1,599,939	9,317,979	5,473,539	5,032,036

¹Includes Indian Territory.

Cherries (Table 67).—The number of cherry trees of bearing age in 1910 was 11,822,000, while trees not of bearing age numbered 5,622,000. The production in 1909 was 4,126,000 bushels, or 43.6 per cent more than that in 1899, 2,873,000 bushels. The crop in 1909 was valued at \$7,231,000. The East North Central was the leading division, both in number of trees and in production, while the Pacific division ranked second in production but third in number of trees not of bearing age and fifth in number of trees of bearing age.

CHERRIES—TREES, PRODUCTION, AND VALUE.

DIVISION OR STATE.	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (bushels).	Value.	Production (bushels).
United States	11,822,044	5,621,660	4,126,099	\$7,231,160	2,873,499
GEOGRAPHIC DIVISIONS:					
New England.....	68,236	32,587	14,904	38,424	23,445
Middle Atlantic.....	1,851,144	659,953	791,326	1,541,705	775,587
East North Central.....	3,853,974	1,223,247	1,410,208	2,362,344	831,326
West North Central.....	2,708,659	1,117,533	515,690	935,537	291,753
South Atlantic.....	1,063,825	364,118	327,706	394,990	397,879
East South Central.....	453,262	257,112	94,873	143,166	49,457
West South Central.....	385,502	242,869	9,854	14,401	13,633
Mountain.....	390,641	581,641	147,854	300,485	33,856
Pacific.....	956,798	842,900	813,494	1,500,105	436,421
NEW ENGLAND:					
Maine.....	14,288	6,653	2,403	7,164	1,550
New Hampshire.....	9,463	6,326	1,403	4,133	1,183
Vermont.....	18,006	6,659	2,506	7,651	1,609
Massachusetts.....	16,396	6,776	4,761	10,848	6,043
Rhode Island.....	964	453	214	464	1,329
Connecticut.....	12,119	5,720	3,617	8,161	12,271
MIDDLE ATLANTIC:					
New York.....	673,989	342,959	271,527	544,508	218,642
New Jersey.....	102,124	36,743	44,636	87,225	82,005
Pennsylvania.....	1,075,031	280,251	475,093	909,975	474,940
EAST NORTH CENTRAL:					
Ohio.....	1,144,271	342,328	338,644	657,406	192,454
Indiana.....	815,742	251,959	363,993	508,516	228,485
Illinois.....	483,283	239,605	287,376	433,474	204,274
Michigan.....	760,183	540,580	338,945	599,829	194,519
Wisconsin.....	290,485	148,773	81,940	132,119	31,967
WEST NORTH CENTRAL:					
Minnesota.....	25,139	38,399	1,526	2,973	960
Iowa.....	908,764	229,532	260,432	455,022	118,743
Missouri.....	622,832	247,426	123,514	222,510	62,708
North Dakota.....	5,076	21,484	209	445	4
South Dakota.....	51,613	76,293	5,824	12,981	900
Nebraska.....	454,468	267,529	89,876	164,872	54,047
Kansas.....	661,267	237,051	34,499	76,734	60,511
SOUTH ATLANTIC:					
Delaware.....	16,145	4,398	2,634	4,830	6,066
Maryland.....	82,305	27,774	42,315	60,121	60,432
District of Columbia.....	45	4	233	568	248
Virginia.....	332,783	83,323	132,671	134,428	188,093
West Virginia.....	332,429	124,567	79,723	111,043	87,828
North Carolina.....	468,065	74,111	53,788	69,459	33,589
South Carolina.....	60,274	25,774	10,987	15,880	6,551
Georgia.....	50,223	23,479	4,979	7,199	5,930
Florida.....	666	498	474	448	1,142
EAST SOUTH CENTRAL:					
Kentucky.....	212,118	102,766	52,163	74,340	24,258
Tennessee.....	201,830	128,406	36,303	60,294	11,688
Alabama.....	25,566	16,673	3,588	4,783	1,159
Mississippi.....	13,748	9,267	2,819	3,749	2,352
WEST SOUTH CENTRAL:					
Arkansas.....	60,046	47,556	5,993	8,424	7,889
Louisiana.....	975	769	527	921	330
Oklahoma.....	295,042	150,541	2,372	4,363	13,220
Texas.....	29,439	43,712	1,022	663	2,189
MOUNTAIN:					
Montana.....	19,938	24,237	7,497	17,985	807
Idaho.....	61,835	95,123	22,609	41,706	12,294
Wyoming.....	1,910	4,025	68	251	1
Colorado.....	203,800	319,624	88,937	173,805	5,287
New Mexico.....	21,925	26,818	6,384	10,684	5,228
Arizona.....	295,812	1,638	1,038	3,840	840
Utah.....	79,775	109,119	21,402	54,170	9,905
Nevada.....	1,588	787	481	894	114
PACIFIC:					
Washington.....	223,038	229,667	131,392	278,547	52,114
Oregon.....	241,456	313,770	181,089	295,634	65,347
California.....	522,304	300,663	501,013	961,264	318,960

¹Includes Indian Territory.

Apricots (Table 68).—The production of apricots is mainly confined to California, which produced 98 per cent of the total crop in 1909. In Kansas, Oklahoma, and Texas there are a good many apricot trees, but the production reported for 1909 was insignificant, perhaps because of temporarily unfavorable climatic conditions. The number of trees of bearing age in the United States in 1910, as reported, was 3,670,000. The production in 1909 was 4,150,000 bushels, or 57.1 per cent more than that in 1899. The value of the crop in 1909 was \$2,884,000.

Quinces (Table 68).—The production of quinces is much less important than that of the fruits previously mentioned. The total number of trees of bearing age in 1910 was 1,154,000, and of trees not of bearing age 595,000. The production in 1909, 429,000 bushels, was valued at \$517,000, New York, Ohio, and Pennsylvania being the leading states. This crop was not separately reported at the census of 1900.

APRICOTS AND QUINCES—TREES, PRODUCTION, AND VALUE.

STATE.	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (bushels).	Value.	
Apricots, total.	3,669,714	956,202	4,150,263	\$2,884,119	2,642,128
Alabama.....	6,645	6,932	8,849	10,053	2,44,578
California.....	2,992,453	581,524	4,066,623	2,768,921	2,447,004
Colorado.....	16,841	10,299	11,403	15,658	2,363
Kansas.....	187,381	28,134	374	512	4,230
New York.....	16,000	3,537	9,885	14,490	15,710
Oklahoma.....	173,815	62,630	1,123	1,270	4,939
Oregon.....	10,656	18,128	4,616	7,727	1,665
Pennsylvania.....	10,363	7,576	2,502	4,497	1,634
Texas.....	66,553	47,895	1,839	2,364	1,620
Utah.....	28,478	28,639	12,947	12,037	5,272
Washington.....	36,088	80,722	10,789	17,280	5,254
All other states.....	124,191	79,826	22,093	29,310	16,163
Quinces, total.	1,154,339	694,801	428,672	517,243	(*)
California.....	76,979	65,471	32,638	26,266	.....
Connecticut.....	9,826	10,701	4,627	7,027	.....
Illinois.....	30,894	12,180	4,723	8,037	.....
Indiana.....	86,827	17,658	17,873	22,431	.....
Kentucky.....	29,893	12,313	11,537	11,757	.....
Maryland.....	20,936	9,145	6,359	8,383	.....
Massachusetts.....	7,484	4,531	2,853	5,754	.....
Michigan.....	35,461	15,202	13,484	16,858	.....
New Jersey.....	14,777	8,134	6,442	10,583	.....
New York.....	169,031	140,703	132,451	135,345	.....
Ohio.....	245,040	62,413	81,101	101,369	.....
Oregon.....	8,102	5,216	8,354	5,140	.....
Pennsylvania.....	176,849	77,071	62,350	102,431	.....
West Virginia.....	50,708	22,702	13,163	18,676	.....
All other states.....	221,682	131,061	31,707	37,186	.....

* Includes Indian Territory.

* Not reported separately.

Grapes (Table 69).—The total number of grapevines of bearing age in 1910 was 223,702,000, and the number not of bearing age 59,929,000. The production of grapes in 1909, 2,571,065,000 pounds, was nearly twice as great as in 1899. The value in 1909, \$22,028,000, represented 0.4 per cent of the total value of farm crops. The value given for 1899, \$14,090,000, is not precisely comparable with that for 1909, since it includes the value of such derived products as wine and raisins, while the value given for 1909 represents the fruit alone. Since, however,

in all states except California, the larger part of the grapes are sold in their natural condition, the values shown for most of the states are probably quite closely comparable.

GRAPES—VINES, PRODUCTION, AND VALUE.

TABLE 69 DIVISION OR STATE.	Number of vines of bearing age: 1910	Number of vines not of bearing age: 1910	PRODUCTION (POUNDS).		VALUE.	
			1909	1899	1909	1899 ¹
			U. S.	223,701,522	59,929,644	2,571,065,205	1,300,984,097	$22,027,961	$14,090,234
Geog. Divs.:						
New Eng.:	207,844	92,370	3,413,161	4,324,300	108,348	112,614
Mid. Atl.:	38,676,641	12,013,556	293,527,780	299,058,433	4,945,342	3,484,987
E. N. C.:	22,708,283	2,325,671	184,730,617	169,899,981	3,148,363	2,294,659
W. N. C.:	9,222,514	1,704,265	41,088,852	40,735,442	1,156,625	870,382
S. Atl.:	1,903,341	543,306	32,439,760	34,579,571	909,900	721,124
E. S. C.:	1,308,203	253,641	8,143,715	14,817,962	348,397	356,687
W. S. C.:	9,937,376	943,918	8,265,667	14,228,318	304,484	371,965
Mountain:	936,338	557,267	4,838,193	5,287,730	128,532	115,206
Pacific:	144,800,970	40,366,650	1,984,597,404	728,017,200	10,997,000	5,812,610
New Eng.:						
Me.	9,731	1,944	231,529	275,500	6,954	7,584
N. H.	15,802	3,016	375,164	487,500	10,926	14,462
V.	9,318	1,845	203,011	240,100	6,328	7,035
Mass.	14,261	1,125	385,858	1,309,500	30,858	35,685
R. I.	7,662	9,634	152,937	183,700	9,759	4,736
Conn.	107,054	61,670	1,317,682	1,822,900	43,523	43,112
Mid. Atl.:						
N. C.	31,802,097	3,801,800	253,006,361	247,698,056	3,961,677	2,763,711
N. J.	1,603,280	558,945	6,501,221	4,235,600	132,957	81,758
Pa.	5,271,264	8,252,811	34,020,198	47,125,437	850,708	639,518
E. N. C.:						
Ohio	8,326,800	455,750	43,933,207	79,173,873	858,594	992,745
Ind.	1,049,232	149,441	12,817,353	18,651,830	287,707	350,304
Ill.	2,170,340	287,734	16,582,785	20,009,400	426,468	383,169
Mich.	11,013,576	1,969,638	120,635,929	41,533,363	1,531,057	593,288
Wis.	148,348	63,693	701,927	571,450	25,537	15,173
W. N. C.:						
Minn.	61,916	35,950	203,806	573,272	11,021	15,593
Iowa	1,983,465	446,126	11,708,336	7,465,900	330,078	166,360
Mo.	3,026,536	486,044	16,871,816	13,785,556	488,755	314,807
N. Dak.	379	1,464	1,660	1,500	14	108
S. Dak.	38,647	46,891	144,634	16,061	4,789	2,158
Nebr.	2,121,776	380,288	4,752,217	3,171,634	137,255	74,707
Kans.	2,839,845	343,002	6,317,684	15,759,019	184,673	266,649
S. Atl.:						
Del.	260,963	98,950	1,938,267	1,375,300	43,967	51,701
Md.	138,801	44,690	2,152,382	1,685,960	35,496	43,282
D. C.	5,186	200	28,530	34,300	1,059	539
Va.	424,701	136,026	4,108,694	3,608,963	156,266	87,737
W. Va.	284,074	76,465	3,224,751	2,192,147	92,834	50,874
N. C.	411,278	129,208	15,116,920	12,344,001	336,083	197,262
S. C.	79,708	19,704	2,016,506	3,323,835	88,620	82,706
Ga.	277,658	38,233	2,767,366	3,830,485	99,216	120,663
Fla.	20,962	8,830	1,086,344	1,684,700	38,357	56,420
E. S. C.:						
Ky.	605,002	77,626	3,680,182	5,134,215	137,326	112,350
Tenn.	338,758	76,040	1,979,480	4,325,122	85,423	120,199
Ala.	287,431	77,105	1,723,490	4,257,600	81,386	84,861
Miss.	77,012	34,870	760,563	1,070,625	44,262	39,277
W. S. C.:						
Ark.	805,921	177,624	2,593,727	3,621,100	97,985	104,803
La.	31,041	20,936	106,598	176,967	6,099	5,927
Tex.	2,388,213	447,488	3,762,727	4,344,031	122,045	114,880
Okl.	712,201	297,869	1,802,618	4,086,220	78,325	126,355
MOUNTAIN:						
Mont.	986	1,121	4,600	1,330	17	173
Idaho	68,266	124,306	604,227	277,900	18,814	5,720
Wyo.	74	1,147	159	1,200	32	50
Colo.	254,292	101,332	1,037,614	586,306	28,026	17,174
N. Mex.	250,076	122,367	425,415	1,515,960	16,101	33,717
Ariz.	131,579	84,510	837,847	1,057,900	25,371	24,779
Utah	204,445	94,043	1,576,363	920,000	28,126	27,736
Neuv.	26,607	7,941	376,205	287,600	12,045	5,856
PACIFIC:						
Wash.	322,007	371,733	1,794,065	1,194,700	51,412	27,242
Ore.	381,302	468,598	3,206,874	5,389,100	98,776	162,543
Calif.	144,097,670	39,526,319	1,979,686,625	721,433,000	10,846,812	5,622,825

¹ Includes value of wine, grape juice, raisins, etc.

² Includes Indian Territory.

California had nearly two-thirds of the total number of vines of bearing age in 1910 and produced more than three-fourths of the total grape crop of 1909. The value of the California product, however, in 1909 represented slightly less than half of the total for the country. The two states which rank next in the

production of grapes are New York and Michigan, but they are raised to some extent in nearly every state. In California and Michigan the production increased greatly between 1899 and 1909.

Tropical and subtropical fruits (Tables 70 and 71).—The total value of tropical and subtropical fruits produced in 1909 was \$24,707,000, or nearly three times the value of such fruits produced in 1899. The value of citrus fruits was \$22,711,000, of figs \$804,000, of pineapples \$734,000, and that of olives \$405,000, other fruits being represented by relatively insignificant amounts. The value of the separate kinds of fruit was not reported for 1899. The production of citrus fruits in 1909 amounted to 23,502,000 boxes, as compared with 7,098,000 boxes in 1899—an increase of 231.1 per cent. To the value of the citrus fruits in 1909 oranges contributed \$17,566,000, lemons \$2,994,000, and grapefruit \$2,061,000. Much the greater part of the tropical and subtropical fruit produced in the United States is grown in California and Florida, the value of the product of the former state in 1909 constituting 67.8 per cent of the total, and that of the latter 28.7 per cent.

Oranges.—In 1910 the number of orange trees of bearing age was 9,738,000, and the number not of bearing age, 4,327,000.¹ The production in 1909 amounted to 19,487,000 boxes, or more than three times the number in 1899. The value of the 1909 crop was \$17,566,000. Nearly three-fourths of the 1909 crop was produced in California, and most of the remainder in Florida. The production in the latter state in 1909 was about eighteen times as great as in 1899, the crop of the earlier year having been greatly reduced by disastrous frosts.

Lemons.—There were 957,000 lemon trees of bearing age in the United States in 1910, and 396,000 not of bearing age. The production in 1909 amounted to 2,770,000 boxes, as compared with 877,000 boxes in 1899—an increase of 215.9 per cent. The value of the crop of 1909 was \$2,994,000, the average value per box being somewhat greater than in the case of oranges. Nearly the entire production of lemons was in California.

Grapefruit.—No other class of fruit shows so great an increase between 1899 and 1909 as pomelo, or grapefruit. While the crop of 1899 was affected by the frosts in Florida, the leading state in the growing of this fruit, the production during recent years has been very much greater than during even the most favorable years prior to 1900. The total number of grapefruit trees of bearing age in 1910 was 710,000, and of trees not of bearing age 641,000. The production in 1909 amounted to 1,189,000 boxes, as com-

pared with 31,000 boxes in 1899, and the crop was valued at \$2,061,000.

Other citrus fruits.—The other citrus fruits are relatively unimportant. They include limes, tangerines, and kumquats, chiefly produced in Florida, and mandarins, chiefly produced in Louisiana. The total production of limes amounted to only about 11,000 boxes, valued at slightly more than \$12,000. That of tangerines nearly 39,000 boxes, valued at almost \$69,000, while that of mandarins and kumquats was very small.

CITRUS FRUITS—TREES, PRODUCTION, AND VALUE.

Table 70

STATE.	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production (boxes).	Value.	
All citrus fruits¹	11,486,768	5,400,402	23,502,122	\$22,711,448	7,098,466
Oranges, total	9,737,927	4,327,271	19,487,461	17,566,464	6,167,891
Arizona.....	33,373	56,982	32,247	52,941	11,116
California.....	6,615,805	2,093,410	14,436,180	12,951,505	5,882,193
Florida.....	2,766,818	1,097,896	4,852,967	4,364,987	273,255
Louisiana.....	266,116	155,016	149,979	223,330	1,288
Mississippi.....	10,452	38,637	3,779	8,648	.....
Texas.....	42,384	867,407	10,694	22,050	.....
Lemons, total	856,920	396,111	2,770,313	2,993,738	876,876
California.....	941,293	379,676	2,786,221	2,976,571	874,305
Florida.....	11,740	7,329	12,367	13,753	2,359
Pomeles (grapefruit), total	710,040	640,697	1,189,250	2,060,610	30,790
California.....	43,424	25,589	122,515	143,180	17,851
Florida.....	666,213	600,049	1,061,557	1,907,816	12,306
Limes, total	45,387	30,239	11,318	12,478	22,839
Florida.....	45,369	30,688	11,302	12,457	22,714
Tangerines, total	27,271	3,873	38,752	68,770	(²)
California.....	3,637	34	3,581	4,188	.....
Florida.....	23,243	3,839	24,871	64,082	.....
Mandarins, total	7,227	1,923	3,896	6,553	(²)
Louisiana.....	6,875	1,900	3,340	5,945	.....
Kumquats, total	1,968	358	1,112	2,828	(²)
Florida.....	1,953	222	1,091	2,768	.....

¹ Includes a small number of citron trees in 1910 and the value of their product in 1909, also a small amount of product in 1899.

² Exclusive of a small quantity of citrons.

³ No report.

Figs.—The production of figs is somewhat more widely distributed than that of the citrus fruits. The total number of trees of bearing age in 1910 was 822,000, but there was a still larger number not of bearing age. The production in 1909 amounted to 35,060,000 pounds, valued at \$804,000; the crop in 1899 amounted to 12,995,000 pounds. The leading state is California, which produced nearly two-thirds of the total crop in 1909.

Olives.—The production of olives is practically confined to California and Arizona. The crop of 1909, 16,405,000 pounds, was more than three times as great as that of 1899.

Pineapples.—The production of pineapples in the United States is virtually confined to Florida. The crop of 1909 amounted to 779,000 crates. The production as reported for 1899 was expressed in number of pineapples, but on the basis of the average number per crate (about 30) it amounted to about 95,000 crates.

¹ It should be noted that, as in the case of orchard fruits, the number of tropical and subtropical fruit trees reported as of bearing age in 1900 is believed to have included a good many not of bearing age, and to be, therefore, incomparable with the number for 1910.

Other tropical and subtropical fruits.—In addition to the fruits already listed, there are a considerable number of other tropical and subtropical fruits produced in small quantities in the United States, mainly in Florida and California. These include bananas, avocado pears, guavas, mangoes, persimmons (Japanese), loquats, pomegranates, and dates.

NONCITRUS TROPICAL AND SUBTROPICAL FRUITS—TREES, PRODUCTION, AND VALUE.

Table 71	1910		1909		1899
	Trees of bearing age.	Trees not of bearing age.	Production. ¹	Value.	Production. ¹
Figs, total.....	821,640	1,028,717	35,069,395	\$803,810	12,994,834
Alabama.....	32,731	33,893	30,960	140,970	.....
Arkansas.....	2,474	2,318	89,707	5,963	15,420
California.....	269,001	214,527	22,990,353	260,153	10,620,366
Florida.....	12,784	12,602	474,287	20,886	66,680
Georgia.....	49,424	11,813	1,183,494	59,326	34,889
Louisiana.....	71,464	102,043	2,025,308	87,009	384,560
Mississippi.....	65,397	38,654	1,949,301	107,609	61,600
North Carolina.....	21,054	7,783	660,624	22,632	14,510
South Carolina.....	24,867	7,325	975,136	49,169	74,050
Texas.....	230,171	385,396	2,411,876	97,073	611,460
Virginia.....	10,136	4,925	234,057	9,652	7,840
All other states.....	10,497	7,238	302,126	12,383	966,498
Pineapples, total.....	36,191,389	2,602,813	778,551	734,090	95,456
Florida.....	36,190,758	2,602,585	778,644	734,069	95,441
Olives, total.....	846,176	123,784	16,406,493	404,574	5,053,637
California.....	836,347	121,659	16,132,412	401,277	5,040,227
Bananas, total.....	23,114	7,515	10,060	5,661	.....
Florida.....	22,032	6,883	10,043	5,638	.....
Avocado pears:					
Florida.....	12,054	23,072	4,920	10,100	(²)
Guavas, total.....	15,947	3,807	354,062	11,628	1,677,165
California.....	7,031	443	95,053	4,018	31,370
Florida.....	8,293	3,364	258,709	7,604	1,645,795
Mangoes:					
Florida.....	4,904	7,775	5,278	5,739	(²)
Persimmons (Japanese), total.....	16,491	17,176	6,723	9,087	2,721
California.....	3,274	8,801	2,696	3,344	1,188
Florida.....	4,987	3,895	1,615	2,066	1,502
Texas.....	3,449	2,718	1,175	2,136	31
Loquats, total.....	3,791	1,011	4,541	5,880	(²)
California.....	3,711	1,011	4,516	5,830	.....
Pomegranates, total.....	8,933	9,275	152,825	4,203	(²)
Alabama.....	1,672	3,552	19,090	617	.....
Arizona.....	776	347	23,369	477	.....
California.....	1,771	2,745	30,075	968	.....
Georgia.....	1,308	1,320	27,365	920	.....
Nevada.....	2,887	541	45,550	195	.....
Dates, total.....	4,551	22,269	9,947	533	(²)

¹ Expressed in pounds for figs, olives, guavas, pomegranates, and dates; in crates for pineapples and avocado pears; in bunches for bananas; in boxes for mangoes and loquats; and in bushels for persimmons (Japanese).

² Number of plants.

³ Not reported separately.

Nuts (Tables 72 and 73).—Systematic cultivation of nut trees, which is for the most part comparatively recent in the United States, is as yet largely confined to a few states in the South and on the Pacific coast. Throughout large sections of the country, however, there are many wild nut trees, the aggregate production of which is considerable; but in most cases the nuts obtained from such trees are not looked upon as a commercial crop and are mainly consumed on the farm. Doubtless the production of such wild nuts reported to the Census Bureau is much less than the actual production.

The total nut crop reported for 1909, 62,328,000 pounds, was 55.7 per cent greater than that reported for 1899, and the value, \$4,448,000, was 128.1 per cent greater. California is by far the most important state in the production of nuts, and Texas ranks next. No other state reported as much as \$100,000 worth of nuts in 1909.

NUTS—PRODUCTION AND VALUE.

Table 72	STATE.	PRODUCTION (POUNDS). ¹		VALUE. ²	
		1909	1899	1909	1899
Total.....		62,328,010	40,028,825	\$4,447,674	\$1,949,931
Alabama.....		459,382	193,570	37,986	6,315
Arizona.....		35,834	121,060	4,485	9,328
Arkansas.....		787,854	533,790	27,513	8,898
California.....		28,378,115	17,775,505	2,959,845	1,441,137
Connecticut.....		137,887	885,550	5,162	17,432
Florida.....		382,535	98,470	47,456	8,453
Georgia.....		845,553	181,780	61,106	3,997
Illinois.....		714,473	370,700	20,240	6,521
Indiana.....		439,644	388,800	7,344	6,254
Iowa.....		1,721,265	484,850	36,922	7,603
Kansas.....		402,714	310,830	7,625	6,097
Kentucky.....		946,428	403,270	17,221	8,365
Louisiana.....		796,925	665,770	73,169	51,457
Maryland.....		38,148	65,950	5,687	2,055
Massachusetts.....		134,920	462,800	3,671	12,106
Michigan.....		994,137	379,700	18,956	7,436
Mississippi.....		866,504	313,620	90,855	17,138
Missouri.....		2,823,368	1,747,520	39,746	19,838
Nebraska.....		381,325	93,000	8,906	1,935
New Hampshire.....		254,521	249,900	3,584	6,329
New Jersey.....		249,626	947,950	7,116	20,660
New York.....		2,773,858	244,330	74,420	31,413
North Carolina.....		1,244,629	245,336	28,535	3,034
Ohio.....		559,093	286,250	11,991	4,871
Oklahoma.....		1,019,238	44,330	62,168	3,104
Oregon.....		177,632	42,980	13,208	2,560
Pennsylvania.....		3,795,804	5,095,500	90,447	91,149
South Carolina.....		376,913	213,320	36,888	3,868
Tennessee.....		752,570	659,660	14,041	5,828
Texas.....		5,945,932	1,836,970	562,542	78,971
Virginia.....		841,572	376,490	22,161	5,169
West Virginia.....		974,312	166,940	16,301	4,460
Wisconsin.....		608,428	80,150	18,196	1,400
All other states.....		1,205,666	289,240	22,373	7,025

¹ Does not include coconuts, which are reported by number.

² Includes value of coconuts. ³ Includes Indian Territory.

ALMONDS, PECANS, AND PERSIAN OR ENGLISH WALNUTS—TREES, PRODUCTION, AND VALUE.

Table 73	STATE.	1910		1909		1899
		Trees of bearing age.	Trees not of bearing age.	Production (pounds).	Value.	Production (pounds).
Almonds, total.....		1,187,962	389,575	6,793,539	\$711,970	7,142,710
Alabama.....		6,679	845	33,759	4,193	116,510
California.....		1,105,730	365,941	6,652,513	700,304	6,982,610
All other states.....		14,553	22,769	67,267	7,473	33,590
Pecans, total.....		1,619,521	1,685,066	9,890,769	\$71,596	3,206,850
Alabama.....		44,883	125,734	228,341	30,540	69,670
Arkansas.....		13,958	13,811	249,955	17,603	86,050
Florida.....		42,512	176,207	307,632	43,962	46,800
Georgia.....		75,519	325,779	354,046	47,845	27,440
Illinois.....		28,520	8,223	107,049	10,301	41,380
Louisiana.....		36,527	119,547	723,578	70,635	637,470
Mississippi.....		69,524	148,030	617,283	79,936	242,300
Missouri.....		48,822	7,214	147,430	10,467	75,170
North Carolina.....		6,766	29,781	74,807	8,194	10,990
Oklahoma.....		96,766	53,796	894,172	59,481	116,580
South Carolina.....		33,366	43,639	159,823	20,442	33,020
Texas.....		1,087,619	621,550	5,822,367	556,203	1,810,670
All other states.....		44,019	20,755	174,212	15,987	158,400
Persian or English walnuts, total.....		914,270	806,413	22,028,524	2,297,336	10,668,065
California.....		852,257	29,781	21,472,807	2,247,193	10,619,975
Mississippi.....		2,705	5,513	66,492	6,949	5,670
Oregon.....		9,526	177,004	79,060	8,288	6,110
All other states.....		48,802	77,092	418,706	34,906	36,310

¹ Includes Indian Territory.

The most important nut crops are Persian or English walnuts, pecans, and almonds, which are the only nuts that are, on any large scale, produced by cultiva-

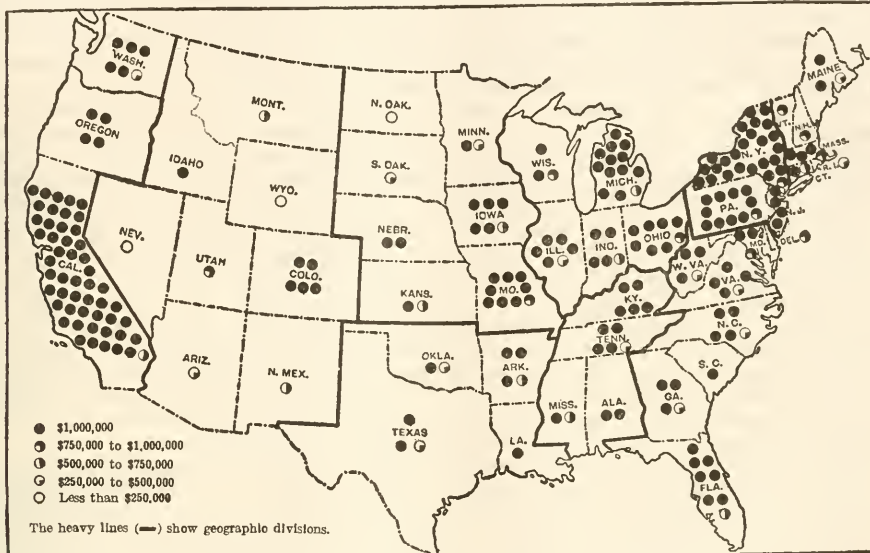
tion. The combined value of these three classes of nuts in 1909 amounted to \$3,981,000, or about nine-tenths of the total for all nuts.

The crop of Persian or English walnuts in 1909, 22,027,000 pounds, was more than twice as great as that in 1899. Most of these nuts were grown in California. The production of pecans in 1909, 9,891,000

pounds, was more than three times as great as that of 10 years earlier. About three-fifths of the crop was grown in Texas, and most of the remainder in Oklahoma, Louisiana, Mississippi, Georgia, and Florida. The production of almonds, which is mainly confined to California, amounted to 6,794,000 pounds in 1909, or somewhat less than in 1899.

FRUITS AND NUTS.

VALUE, BY STATES: 1909.



FLOWERS AND PLANTS, NURSERY PRODUCTS, AND FOREST PRODUCTS.

Flowers and plants.—Table 74 includes statistics both for flowers and plants raised on ordinary farms and for those raised by florists' establishments devoted exclusively to this branch of industry. Often such establishments have comparatively little land, but raise their products chiefly in greenhouses and by highly intensive methods. The acreage statistics, therefore, have comparatively little significance. The acreage reported for the United States as a whole in 1909 amounted to 18,248. The value of the flowers and plants raised was \$34,872,000, an increase of 85.9 per cent as compared with 1899. These products contributed 0.6 per cent of the total value of crops in 1909. The value of flower seeds is not included in this table, but appears, together with that of vegetable seeds, in Table 38.

As might be expected, the raising of flowers and plants is most extensively carried on in the neighborhood of large cities. New York, Pennsylvania, Illinois, New Jersey, Massachusetts, and Ohio are the leading states in this industry according to value of products. The raising of flowers and plants is also an important industry on the Pacific coast.

Nursery products.—As in the case of flowers and plants, the statistics presented in Table 74 cover the raising of nursery products not only on ordinary farms, but also by establishments which devote themselves exclusively to this branch of agriculture, and which employ only intensive methods. The acreage in 1909, 80,618, was 35.5 per cent greater than in 1899, while the value of products, \$21,051,000, was more than twice as great as 10 years earlier, and was equal to 0.4 per cent of the total value of farm crops.

In value of nursery products the Middle Atlantic division ranked first, the West North Central second, the Pacific third, and the East North Central fourth. New York reported a greater value of such products than any other state, California being next in order.

Forest products.—The census schedule for 1910 called for the "value of all firewood, fencing material, logs, railroad ties, telegraph and telephone poles, materials for barrels, bark, naval stores, or other forest products cut or produced in 1909, whether used on farms, sold, or on hand April 15, 1910;" and also, as a separate item, for the "amount received from sale of standing timber in 1909." The schedule of the 1900 census was substantially similar, except that it did not specifically mention standing timber; it is probable that some sales of standing timber were included in the returns, but that the total value of forest products as reported for 1899 was somewhat lower than it would have been if the schedule had been worded as in 1910. The value of forest products at each census, as shown in Table 74, represents only that derived from farms, which is much less than that derived from land not in farms. Most of the forest products of farms are derived from natural forests, as there is yet little systematic planting of forest trees.

The total value of the forest products of farms in 1909 was \$195,306,283, which is 77.8 per cent greater than that reported for 1899. Of this amount, \$102,782,078 was the value of products used or to be used on the farms themselves, \$70,800,983 that of products sold or intended for sale, and \$21,723,222 the amount received for standing timber. The total value of forest products of farms in 1909 represented 3.6 per cent of the value of all crops.

The production of forest products by farmers is widely distributed. In 1909 the South Atlantic division outranked all others in the value of such products, and was followed by the East North Central and East South Central divisions. The states of North Carolina, New York, and Virginia each reported forest products valued at more than \$10,000,000. In total value of forest products, including those not produced on farms, the ranking of the states would be very different.

FARM CROPS, BY STATES.

419

FLOWERS AND PLANTS, NURSERY PRODUCTS, AND FOREST PRODUCTS OF FARMS: 1909 AND 1899.

Table 74

DIVISION OR STATE.	FLOWERS AND PLANTS.				NURSERY PRODUCTS.				FOREST PRODUCTS OF FARMS.	
	Acreage.		Value.		Acreage.		Value.		Value.	
	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899
United States.....	16,248	9,307	\$34,872,329	\$18,758,864	80,616	59,492	\$21,050,822	\$10,123,873	\$196,306,283	\$109,864,774
GEOGRAPHIC DIVISIONS:										
New England.....	2,281	1,095	4,677,316	2,763,771	2,647	1,800	989,890	547,563	17,664,763	10,472,941
Middle Atlantic.....	6,447	3,182	11,810,076	7,067,038	13,675	13,221	4,355,340	2,523,065	19,110,765	14,621,344
East North Central.....	3,859	1,932	9,029,125	4,488,506	13,811	12,063	3,037,823	1,794,842	32,161,851	27,063,648
West North Central.....	1,185	638	2,642,343	1,246,913	16,614	12,377	3,841,690	2,052,847	19,891,878	11,780,719
South Atlantic.....	1,485	814	1,932,426	1,450,924	9,963	6,050	1,851,351	851,511	44,010,178	18,547,791
East South Central.....	647	357	1,005,548	509,121	8,130	4,894	1,147,669	751,319	29,264,946	14,784,182
West South Central.....	628	290	846,009	229,351	5,734	4,041	1,711,254	612,413	21,026,984	7,826,858
Mountain.....	233	185	753,914	276,269	1,731	963	594,096	251,787	2,580,902	740,033
Pacific.....	1,483	764	2,175,572	726,968	8,313	4,083	3,522,489	738,526	9,594,016	4,027,228
NEW ENGLAND:										
Maine.....	112	71	301,005	155,131	57	107	23,244	46,207	5,573,763	2,632,252
New Hampshire.....	93	38	236,144	108,161	34	34	11,897	7,012	3,610,178	2,296,265
Vermont.....	23	38	78,726	58,575	37	74	11,014	49,625	3,638,537	2,108,518
Massachusetts.....	1,203	554	2,455,467	1,639,760	1,547	894	605,875	260,069	2,668,410	1,944,714
Rhode Island.....	290	177	558,543	314,806	212	86	75,544	42,295	312,022	195,472
Connecticut.....	560	187	1,047,431	487,338	770	605	261,506	142,355	1,861,833	1,275,720
MIDDLE ATLANTIC:										
New York.....	2,979	1,496	5,148,949	2,867,673	8,680	8,238	2,750,957	1,642,107	10,365,651	7,671,108
New Jersey.....	1,436	613	2,857,709	1,953,290	2,167	1,782	681,814	339,926	758,515	469,055
Pennsylvania.....	2,032	1,073	3,803,418	2,246,075	2,828	3,201	922,569	541,032	7,986,599	6,481,181
EAST NORTH CENTRAL:										
Ohio.....	1,070	685	2,384,830	1,399,957	4,718	4,699	860,351	538,012	5,761,941	5,625,897
Indiana.....	496	174	1,212,891	400,730	1,850	1,646	411,387	254,893	5,603,322	5,235,459
Illinois.....	1,339	679	3,694,801	1,894,960	3,454	3,142	822,284	578,306	3,325,259	2,555,890
Michigan.....	702	220	1,143,764	521,957	3,034	1,840	642,774	338,544	7,911,901	7,530,369
Wisconsin.....	252	104	592,839	270,872	755	736	301,027	85,067	9,559,428	6,116,033
WEST NORTH CENTRAL:										
Minnesota.....	163	143	603,935	288,055	3,854	1,127	863,014	383,105	5,181,508	2,602,335
Iowa.....	361	140	657,393	320,407	3,430	2,905	845,912	610,092	3,649,632	3,266,449
Missouri.....	383	151	653,903	409,890	2,459	2,971	529,394	349,449	8,406,823	4,442,131
North Dakota.....	4	2	47,221	2,900	472	131	30,997	7,249	235,388	112,807
South Dakota.....	19	11	50,008	3,260	399	200	70,827	12,866	257,125	106,284
Nebraska.....	94	86	356,163	142,636	1,997	1,594	553,053	234,033	795,053	412,746
Kansas.....	161	75	273,715	79,765	4,003	3,449	948,493	447,633	1,366,950	837,997
SOUTH ATLANTIC:										
Delaware.....	44	30	71,429	57,013	182	174	39,057	17,241	346,062	250,481
Maryland.....	478	174	597,001	355,862	4,240	1,275	456,900	123,474	2,349,045	1,170,362
District of Columbia.....	240	217	303,509	519,565	(¹)	1	150	235	238	50
Virginia.....	375	143	362,488	238,712	569	1,200	159,092	214,988	10,118,851	3,797,116
West Virginia.....	25	39	78,377	44,384	494	547	79,208	61,700	4,004,484	2,632,980
North Carolina.....	107	61	126,995	31,163	754	1,149	266,968	135,084	11,364,134	4,915,991
South Carolina.....	23	28	52,094	7,920	21	84	4,409	4,416	4,513,092	1,915,280
Georgia.....	144	77	271,427	154,888	1,502	957	366,433	172,143	8,938,300	3,217,119
Florida.....	49	45	69,106	41,417	2,231	663	478,174	122,140	2,375,882	648,412
EAST SOUTH CENTRAL:										
Kentucky.....	249	132	392,409	262,288	542	537	115,963	114,749	7,843,142	4,179,480
Tennessee.....	239	140	344,570	175,979	3,976	2,838	697,703	474,133	8,510,710	5,086,624
Alabama.....	120	53	168,239	43,950	3,079	1,038	259,057	131,132	6,308,151	2,494,452
Mississippi.....	39	62	100,821	26,907	533	181	74,946	31,305	6,602,943	3,023,626
WEST SOUTH CENTRAL:										
Arkansas.....	26	25	153,421	25,830	528	868	198,579	131,045	6,914,262	2,468,718
Louisiana.....	227	89	126,212	76,628	502	276	87,643	63,593	3,884,340	1,381,867
Oklahoma.....	40	49	92,016	26,644	857	1,804	171,952	1103,264	1,602,730	1,456,240
Texas.....	335	167	474,360	120,249	3,847	2,093	1,253,110	314,511	8,925,662	3,520,033
MOUNTAIN:										
Montana.....	20	17	104,601	33,630	341	62	174,427	17,825	541,800	176,134
Idaho.....	18	5	43,314	2,805	530	115	143,234	38,431	1,260,512	315,821
Wyoming.....	6	5	12,280	2,480	(²)	2	1,680	215	1,400,259	14,700
Colorado.....	154	137	468,685	198,479	241	497	72,090	65,936	305,719	113,055
New Mexico.....	8	5	31,121	4,442	24	32	9,182	5,753	233,822	31,268
Arizona.....	6	2	11,177	235	18	14	4,535	2,914	45,312	48,877
Utah.....	20	14	81,116	34,173	577	236	188,455	120,648	6,730	13,325
Nevada.....	1	(¹)	1,620	25	(³)	5	493	65	42,745	23,853
PACIFIC:										
Washington.....	340	34	518,226	50,450	1,342	155	526,681	28,699	3,754,293	1,002,126
Oregon.....	130	58	268,833	95,872	2,168	1,014	783,020	151,498	2,889,991	1,300,724
California.....	1,013	672	1,388,513	580,646	4,803	2,914	2,212,788	558,329	2,949,732	1,724,378

¹ Less than 1 acre.

² Includes Indian Territory.

³ Reported in small fractions.

CHAPTER 14.

IRRIGATION AND IRRIGATED CROPS.

Introduction.—This chapter contains, in condensed form, the principal data regarding irrigation derived from the Thirteenth Decennial Census, taken in the year 1910.

An amendment to the Thirteenth Census act, approved February 25, 1910, contained the following clause relating to irrigation:

Inquiries shall also be made as to the location and character of irrigation enterprises, quantity of land irrigated in the arid region of the United States and in each state and county in that section under state and Federal laws; the price at which these lands, including water rights, are obtainable; the character and value of crops produced on irrigated lands, the amount of water used per acre for said irrigation and whether it was obtainable from national, state, or private works; the location of the various projects and methods of construction, with facts as to their physical condition; the amount of capital invested in such irrigation works.

As the Office of Experiment Stations of the United States Department of Agriculture employs a corps of state irrigation agents, an arrangement was made by which these state irrigation agents cooperated in the supervision in their respective states of the work of the special agents of the Bureau of the Census in collecting statistics of irrigation.

The information called for by this law which could be supplied by farm operators was obtained on supplemental schedules by the regular census enumerators as a part of the agricultural census. The remaining data, which were supplied by the owners or officials of irrigation enterprises, were obtained on special schedules by the special agents. The data relating to crops presented here were taken from the supplemental schedules filled out by the agricultural enumerators. With the exception of the statistics as to the number of farms irrigated, which were obtained as explained on the following page, all the other data presented here were taken from the special schedules.

The law relating to the special irrigation census, quoted above, provided that the inquiry should cover the "arid region of the United States." For the purposes of this report the "arid region" has been held to include all sections of the United States where irrigation is generally practiced in the growing of farm crops. As defined in this way, the "arid region" includes the western parts of the tier of states formed by

the Dakotas, Nebraska, Kansas, Oklahoma, and Texas, and all of the states between these and the Pacific Ocean. In parts of this great territory there is abundant rainfall; but in each of the states comprised in it there are considerable sections, and in some very extensive areas, where farming is largely dependent upon irrigation.

The special inquiry was also extended to the rice growing districts of Louisiana, Texas, and Arkansas, but the rice district has been treated separately in this report. (See p. 431.)

In accordance with the law, the enterprises have been classified primarily according to their legal status—that is, according to the state or Federal laws by virtue of which they were created, or according to other features of their legal and economic form. The types of enterprises distinguished are as follows:

United States Reclamation Service enterprises, established under the Federal law of June 17, 1902, providing for the construction of irrigation works with the receipts from the sale of public lands.

United States Indian Service enterprises, established under various acts of Congress providing for the construction by that service of works for the irrigation of land in Indian reservations.

Carey Act enterprises, established under the Federal law of August 18, 1894, granting to each of the states in the arid region 1,000,000 acres of land on condition that the state provide for its irrigation, and under amendments to that law granting additional areas to Idaho and Wyoming.

Irrigation districts, which are public corporations established under state laws and empowered to issue bonds and levy and collect taxes for the purchase or construction of irrigation works.

Cooperative enterprises, which are controlled by the water users combined in some organized form of cooperation under state laws. The most common form of organization is the stock company, the stock of which is owned by the water users. In Arizona and New Mexico many of the cooperative enterprises are operated under laws regulating "community" ditches.

Individual and partnership enterprises, which belong to individual farmers, or to groups of farmers associated without formal organization. It is not always possible to distinguish between partnership and cooperative enterprises; but as the difference is slight this is unimportant.

Commercial enterprises, incorporated or otherwise, which supply water for compensation to parties who own no interest in the works. Persons obtaining water from such enterprises are usually required to pay for the right to receive water and to pay, in addition, annual charges based in some instances on the acreage irrigated and in others on the quantity of water received.

THE ARID REGION AS A WHOLE.

Summary.—Table 1 summarizes the principal data for the arid region as a whole as returned at the census of 1910, and includes corresponding data for the preceding census as far as available. Unless otherwise indicated the figures relate to the year in which the census was taken. In the reports of the censuses of 1900 and 1890 data relating to irrigation on Indian reservations were excluded from the totals for the arid region, but for the later census they are included. Since the acreage which was irrigated on Indian reservations in 1909 was only 172,912, or 1.3 per cent of the total acreage reported as irrigated, it has not been deemed advisable to eliminate the figures for Indian reservations in making comparisons between the different censuses. The general agricultural statistics given in the table for purposes of comparison cover the entire areas of the states included in the arid region, as defined on the preceding page, although in some of the states the territory which requires no irrigation vastly exceeds the irrigated territory.

The number of farms irrigated is the number of farms on which irrigation is practiced, regardless of the extent of such irrigation, and is equivalent to the term "number of irrigators" used in previous census reports. The number given for 1909 is made up of the number reported on the supplemental agricultural schedules by

the regular enumerators, together with an estimate of the number of farms served by enterprises which were reported by special agents but not by the regular enumerators. The reports of the special agents stated only the acreage supplied by such enterprises, and the number of farms was estimated on the basis of the average acreage irrigated per farm, as shown by the supplemental schedules.

The acreage irrigated in 1909 is that reported by the special agents from information secured from owners or officials of irrigation enterprises or, in some instances, from public records. This acreage is probably in some measure an overstatement. There is a natural tendency for the officials of irrigation enterprises to report as irrigated the entire areas of farms of which only a part is irrigated. Furthermore, some farms receive water from more than one enterprise, and may be reported as irrigated by each, which results in duplication. It is believed, however, that the acreage given is within 10 per cent of the correct figure. In addition to information as to the acreage irrigated in 1909 data were collected as to the acreage the enterprises were capable of supplying with water in 1910 and the total acreage which enterprises completed or under way in 1910 were designed to supply ultimately (designated as "acreage included in projects").

Table 1	CENSUS OF—		INCREASE.	
	1910	1900	Amount.	Per cent.
Number of farms ¹	1, 440, 822	1, 095, 675	345, 147	31. 5
Approximate land area ¹ acres..	1, 161, 385, 600	1, 161, 385, 600		
Land in farms ¹	388, 606, 991	348, 780, 221	39, 826, 770	11. 4
Improved land in farms ¹ acres..	173, 433, 957	119, 709, 592	53, 724, 365	44. 9
Number of farms irrigated.....	² 158, 713	³ 107, 489	51, 224	47. 7
Acreage irrigated.....	² 13, 738, 485	³ 7, 518, 527	6, 219, 958	82. 7
Acreage enterprises were capable of irrigating.....	19, 334, 697	(⁴)		
Acreage included in projects.....	31, 111, 142	(⁴)		
Number of enterprises.....	54, 700	(⁴)		
Total length of ditches..... miles..	125, 591	(⁴)		
Length of main ditches..... miles..	87, 529	(⁴)		
Length of lateral ditches..... miles..	38, 062	(⁴)		
Number of reservoirs.....	6, 812	(⁴)		
Capacity of reservoirs..... acre-feet..	12, 581, 129	(⁴)		
Number of flowing wells.....	5, 070	(⁴)		
Number of pumped wells.....	14, 558	(⁴)		
Number of pumping plants.....	13, 906	(⁴)		
Capacity of power plants..... horsepower..	243, 435	(⁴)		
Acreage irrigated with pumped water.....	² 477, 625	(⁴)		
Acreage irrigated from flowing wells.....	² 144, 400	(⁴)		
Cost of irrigation enterprises.....	\$307, 866, 369	⁵ \$66, 962, 275	\$240, 904, 094	359. 8
Average cost per acre.....	⁶ \$15. 92	⁷ \$8. 91	(⁸)	
Average cost of operation and maintenance, per acre.....	² \$1. 07	³ \$0. 38	\$0. 69	181. 6

¹ Figures relate to entire areas of states in the arid region, the figures for 1900 including Indian Territory.

² In 1909.

³ In 1899.

⁴ Not reported.

⁵ Cost of systems operated in 1899.

⁶ Based on cost to July 1, 1910, and acreage enterprises were capable of irrigating in 1910.

⁷ Figures not comparable. (See explanation in text.)

⁸ Based on acreage irrigated in 1899.

⁹ Figures not comparable. (See explanation in text.)

The number of farms on which irrigation was practiced, for purposes other than rice growing, in 1909 in the states of the arid region was 158,713, or 11 per cent of the total number of farms in the same states.

While the total number of farms in this region, including the entire area of states in which irrigation is practiced in the western part, increased 31.5 per cent between 1900 and 1910, the number of farms on

which irrigation was practiced increased 47.7 per cent between 1899 and 1909, the irrigated farms forming a larger percentage of all farms in 1909 than in 1899. The acreage reported as irrigated in 1909 was 13,738,485, which constitutes 1.2 per cent of the total land area of the same states, 3.5 per cent of the total land in farms, and 7.9 per cent of the improved land in farms. There was an increase of 82.7 per cent in such acreage between 1899 and 1909, a rate of increase much higher than that in the number of farms irrigated, the average irrigated acreage per farm being greater for 1909 than for 1899.

The acreage to which enterprises were ready to supply water in 1910 was 19,334,697, or 5,596,212 acres in excess of the acreage irrigated in 1909, while the acreage included in all projects in 1910, whether completed or in process of development, was 31,111,142, or 17,372,657 acres greater than the acreage reported as irrigated in 1909.

The total length of ditches used for irrigation in 1910 was 125,591 miles. There were 6,812 reservoirs hav-

ing a combined capacity of 12,581,129 acre-feet, or nearly 1 acre-foot of reservoir capacity for each acre irrigated from any source in 1909. The number of pumping plants reported was 13,906 and the acreage supplied by them 477,625.

The total cost of irrigation enterprises to July 1, 1910, was \$307,866,369, or \$15.92 per acre of the land which these enterprises were capable of supplying with water in 1910. The increases in the items relating to cost are the most conspicuous shown. The total cost of irrigation enterprises increased between 1900 and 1910 by 359.8 per cent, and the average cost per acre covered increased also, although much less in degree. (As to the comparability of the figures for this item, however, see the discussion of this subject following Table 12.) The average cost of operation and maintenance per acre of land irrigated for the year 1909 shows also a large increase—181.6 per cent—over the cost shown for 1899. It is believed, however, that the cost shown for 1899 is not properly comparable with that for 1909.

FARMS AND ACREAGE IRRIGATED.

Number of farms irrigated.—Table 2 gives, by states, the number of farms irrigated in 1909, 1899, and 1889, together with the decennial rates of increase.

STATE.	FARMS IRRIGATED.			Increase. ¹		
	1909	1899	1889	1899-1909		1889-1899
				Number.	Per cent.	Per cent.
Total	158,713	107,489	54,136	51,224	47.7	98.6
Arizona.....	4,841	2,981	1,075	1,860	62.4	177.3
California.....	39,352	25,611	13,732	13,741	53.7	86.5
Colorado.....	25,857	17,613	9,659	8,244	46.8	82.3
Idaho.....	16,439	8,987	4,323	7,452	82.9	107.9
Kansas.....	1,006	920	519	77	8.3	79.0
Montana.....	8,970	8,043	3,706	927	11.5	117.0
Nebraska.....	1,852	1,932	214	-80	-4.1	802.8
Nevada.....	2,406	1,906	1,167	500	26.2	63.3
New Mexico.....	12,795	7,884	3,085	4,911	62.3	155.6
North Dakota.....	69	54	7	15	(²)	(²)
Oklahoma.....	137	124	13	13	10.5	10.5
Oregon.....	6,669	4,636	3,150	2,033	43.9	47.2
South Dakota.....	500	606	189	-106	-17.5	220.6
Texas.....	4,150	1,252	623	2,898	231.5	101.0
Utah.....	19,709	17,924	9,724	1,785	10.9	84.3
Washington.....	7,664	3,286	1,046	4,378	133.2	214.1
Wyoming.....	6,297	3,721	1,917	2,576	69.2	94.1

¹ A minus sign (-) denotes decrease.
² Per cent not calculated when base is less than 100.
³ Exclusive of farms irrigated for rice growing.

The total number of farms on which irrigation was practiced in 1909 was 158,713. California contained the largest number of such farms, having about one-fourth (24.8 per cent) of the total number, and Colorado the next largest number, nearly one-sixth (16.3 per cent) of the total, while Utah ranked third in this respect, with about one-eighth (12.4 per cent) of the total.

The percentage of increase between 1889 and 1899 in the number of farms irrigated was more than double that during the succeeding decade, but the absolute

increases during the two decades were approximately equal. Nebraska showed the largest percentage of increase during the former period and Texas during the latter period, but in neither state is the actual number of irrigated farms large. In Nebraska and South Dakota there were decreases between 1899 and 1909. The largest absolute increase in both decades was in California. In the period 1899 to 1909 the next largest increase was in Colorado, and in the period 1889 to 1899 in Utah.

Acreage irrigated.—Table 3 gives, by states, the acreage irrigated in the arid region in 1909, 1899, and 1889, respectively, with the percentage of increase in each decade.

STATE.	ACREAGE IRRIGATED.			Increase.		
	1909	1899	1889	1899-1909		1889-1899
				Amount.	Per cent.	Per cent.
Total	13,738,485	7,518,527	3,631,381	6,219,958	82.7	107.0
Arizona.....	320,051	185,396	65,821	134,655	72.6	181.7
California.....	2,664,104	1,445,872	1,004,233	1,218,232	84.3	44.0
Colorado.....	2,792,602	1,611,271	890,735	1,180,761	73.3	80.9
Idaho.....	1,430,848	602,568	217,035	828,280	137.5	177.7
Kansas.....	37,479	23,620	20,818	13,859	58.7	15.5
Montana.....	1,679,084	951,154	350,582	727,930	76.6	171.3
Nebraska.....	255,950	148,538	11,744	107,412	72.3	1,164.8
Nevada.....	701,833	561,168	224,403	197,665	34.2	154.7
New Mexico.....	461,718	203,893	91,745	257,825	126.5	122.2
North Dakota.....	10,248	4,872	445	5,376	110.3	994.8
Oklahoma.....	4,388	2,759	.....	1,629	59.0	.....
Oregon.....	686,129	388,310	177,944	297,819	76.7	118.2
South Dakota.....	63,248	43,676	15,717	19,572	44.8	177.9
Texas.....	164,283	40,952	18,241	123,331	301.2	124.5
Utah.....	999,410	629,293	263,473	370,117	58.8	138.8
Washington.....	334,378	126,307	48,799	208,071	164.7	158.8
Wyoming.....	1,133,302	605,875	229,076	527,424	87.1	103.8

¹ Exclusive of land irrigated for rice growing.

The total acreage reported as irrigated in 1909 was 13,738,485, an increase of 6,219,958 acres, or 82.7 per cent, as compared with 1899. The increase in the preceding decade was 3,887,146 acres, or 107 per cent.

In total acreage irrigated California ranked first in 1899, Colorado second, and Montana third. In both 1899 and 1909 Colorado reported the largest irrigated acreage, while California and Montana were second and third, respectively. Idaho followed closely in 1909. From 1899 to 1909 California showed the largest absolute increase, followed by Colorado, Idaho,

and Montana in the order named. In percentage of increase for this decade, however, Texas ranked first, Washington second, Idaho third, and New Mexico fourth.

Acreage irrigated in 1909, acreage enterprises were capable of irrigating in 1910, and acreage included in projects.—In Table 4 data as to the acreage irrigated in 1909, the acreage enterprises were capable of irrigating in 1910, and the acreage included in projects are presented, with classification according to the type of enterprise.

Table 4

STATE.	ALL CLASSES OF ENTERPRISES.			U. S. RECLAMATION SERVICE.			U. S. INDIAN SERVICE.			CAREY ACT ENTERPRISES.		
	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.
Total	13,738,485	19,334,697	31,111,142	395,646	786,190	1,973,016	172,912	378,576	879,068	238,953	1,089,677	2,573,874
Arizona.....	320,051	387,655	944,090	138,364	164,500	370,000	19,386	20,974	36,017			
California.....	2,664,104	3,619,278	5,490,360	400	1,200	14,200	3,490	3,800				
Colorado.....	2,792,032	3,990,166	5,917,457	16,000	30,000	193,000	1,020	2,020	20,000	485	6,055	59,480
Idaho.....	1,430,848	2,388,959	3,549,573	47,500	113,000	295,000	3,426	21,540	51,540	162,418	742,618	1,098,664
Kansas.....	37,479	139,995	161,300	6,953		10,677						
Montana.....	1,679,084	2,205,155	3,515,602	14,077	85,245	113,744	67,417	114,340	440,940	9,648	49,500	306,997
Nebraska.....	255,950	429,225	680,133	30,536	66,241	107,520	300	300	600			
Nevada.....	701,833	840,062	1,232,142	30,000	90,185	216,185	2,597	3,381	18,060			
New Mexico.....	461,718	644,970	1,102,297	13,398	21,467	30,267	24,007	24,743	37,455			16,000
North Dakota.....	10,248	21,917	38,173	1,610	12,096	24,480						
Oklahoma.....	4,388	6,397	8,528									
Oregon.....	686,129	830,526	2,527,208	22,000	45,319	185,000	429	439	879	24,750	65,500	623,264
South Dakota.....	63,248	128,481	201,625	5,613	47,568	101,967	50	50	100			
Texas ¹	164,283	340,641	753,699							5,000	20,000	45,000
Utah.....	999,410	1,250,246	1,947,625				11,550	86,000	106,000			
Washington.....	334,578	470,514	817,032	55,690	74,500	143,096	35,000	50,000	100,000			
Wyoming.....	1,133,302	1,639,510	2,224,298	12,905	34,869	167,880	4,270	48,699	63,657	86,252	205,974	426,472

STATE.	IRRIGATION DISTRICTS.			COOPERATIVE ENTERPRISES.			INDIVIDUAL AND PARTNERSHIP ENTERPRISES.			COMMERCIAL ENTERPRISES.		
	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.
Total	528,642	800,451	1,581,465	4,643,539	6,191,577	8,830,197	6,257,387	7,666,110	10,153,545	1,451,806	2,424,116	5,119,977
Arizona.....				101,025	120,559	306,639	61,196	81,422	175,834	80	200	1,600
California.....	173,793	294,108	606,351	779,020	984,570	1,388,435	961,136	1,131,951	1,512,311	746,265	1,204,059	1,965,003
Colorado.....	115,304	207,570	487,370	1,273,141	1,870,447	2,436,367	1,226,025	1,581,941	2,039,533	159,457	292,103	481,087
Idaho.....	140,930	177,900	329,796	628,102	782,603	993,746	406,690	483,946	676,508	44,872	67,352	104,322
Kansas.....				27,372	135,200	144,200	3,154	4,795	6,423			
Montana.....	412	6,640	6,640	333,926	373,022	518,209	1,191,060	1,495,513	1,982,220	62,544	80,895	146,832
Nebraska.....	76,448	77,228	91,076	78,605	168,240	240,069	45,227	64,472	86,305	24,834	52,724	134,623
Nevada.....				78,966	88,255	129,269	581,406	649,841	844,128	8,864	9,300	24,500
New Mexico.....				251,911	355,327	482,664	144,212	185,283	295,171	28,190	58,150	224,950
North Dakota.....							8,638	9,821	13,693			
Oklahoma.....				2,000	3,000	3,500	2,388	3,397	5,028			
Oregon.....	1,500	1,500	5,980	149,985	169,944	399,632	410,078	454,074	619,986	77,387	93,750	692,467
South Dakota.....				13,091	18,243	22,687	37,684	55,830	69,971	6,300	6,800	6,900
Texas ¹	8,455	8,455	10,802	41,186	75,011	146,795	49,637	65,286	104,644	73,440	200,344	502,800
Utah.....				687,260	790,855	1,259,351	222,448	257,266	376,502	64,727	87,070	151,970
Washington.....	11,900	27,050	27,050	81,122	90,805	115,410	95,655	117,145	152,319	96,911	138,064	206,216
Wyoming.....				116,317	165,476	189,894	813,823	1,024,137	1,153,378	87,935	133,305	195,967

¹ Exclusive of land irrigated for rice growing.

The enterprises were reported in 1910 as capable of irrigating 19,334,697 acres, which is 5,596,212 acres in excess of the acreage actually irrigated in 1909. This excess shows the extent to which the irrigated area can be enlarged without the construction of additional works. It does not, however, represent land available for settlement in the latter year, as much of the land that was under ditch in 1910 but not irri-

gated in 1909 was already taken up, being in farms not completely under cultivation. The excess acreage lies principally in Colorado, Idaho, California, Montana, and Wyoming, these states ranking in the order named in this respect.

The acreage included in projects which were either completed or under way July 1, 1910, as reported by the various enterprises—31,111,142—was 17,372,657

acres greater than the acreage irrigated in 1909. The figure would indicate the amount by which the irrigated acreage may be extended upon the completion of existing enterprises, were it not probable that the owners of these enterprises in some cases have over-estimated what they can accomplish. It is certain, however, that much additional land will later be provided with a water supply by works that were in process of construction in 1910. The amount of excess of the acreage included in projects over that irrigated in 1909 is also greatest in the states named in the preceding paragraph and in Oregon.

Table 5 shows by percentages the relative importance of the several classes of enterprises as judged by acreage.

CLASS OF ENTERPRISE.	PER CENT OF TOTAL FOR ARID REGION.		
	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.
All classes.....	100.0	100.0	100.0
U. S. Reclamation Service.....	2.9	4.1	6.3
U. S. Indian Service.....	1.3	1.9	2.3
Carey Act enterprises.....	2.1	5.6	8.3
Irrigation districts.....	3.8	4.1	5.1
Cooperative enterprises.....	33.5	32.0	28.4
Individual and partnership enterprises.....	45.5	39.6	32.6
Commercial enterprises.....	10.6	12.5	16.5

Nearly one-half (45.5 per cent) of the acreage irrigated in 1909 was served by individual and partnership enterprises, and about one-third (33.8 per cent) by

cooperative enterprises, which are controlled by the water users. Irrigation districts, which served 3.8 per cent, are also controlled by the water users. Thus about 83 per cent of the acreage irrigated in 1909 received a water supply from works controlled by the water users. United States Reclamation Service and Carey Act enterprises, which irrigated 2.9 per cent and 2.1 per cent, respectively, of this total acreage, are to be turned over to the water users when the rights are paid for, and many of the commercial enterprises are operating under a similar arrangement.

Acreage irrigated, classified by source of water supply.—In Table 6 the acreage irrigated in the arid region in 1909 is classified according to the source of the water supply. Where a supply is received from more than one source, the land is classified under the source from which the principal supply is derived. In the aggregate considerable areas are supplied with water from more than one source. Thus, in California, large areas receive water both by gravity diversion from streams and by pumping from wells, while in Texas some of the newer canals on the Rio Grande receive water by gravity when the river is high and by pumping when the river is low. In both instances most of this land is classed with the acreage that received water by gravity from streams. The only reservoirs which are treated as independent sources of supply are those filled by collecting storm water or from watercourses which are ordinarily dry. When reservoirs are filled from streams or wells, the primary source is considered the source of supply.

Table 6

STATE.	ACREAGE IRRIGATED IN 1909.									
	Total.	Supplied from—								Total irrigated with pumped water.
		Streams.		Wells.		Reservoirs.	Lakes.		Springs.	
		By gravity.	By pumping.	Flowing.	By pumping.		By gravity.	By pumping.		
Total.....	13,738,485	12,763,797	157,775	144,400	307,496	98,193	58,284	12,354	198,188	477,625
Arizona.....	320,051	300,067	7,711	1,480	6,096	487	570		3,631	13,807
California.....	2,604,104	2,216,757	26,965	74,128	276,595	16,410	15,896	2,574	31,779	309,134
Colorado.....	2,792,033	2,745,035	15,248	5,171	3,411	16,651	422	674	8,320	16,933
Idaho.....	1,430,848	1,383,718	18,685	1,172	705	732	4,622	1,535	19,679	20,925
Kansas.....	37,479	35,469	20	2	1,959	2			27	1,979
Montana.....	1,679,084	1,624,656	7,963	207	55	22,614	5,617	5	17,967	8,023
Nebraska.....	255,950	254,105	18		139	1,602			686	157
Nevada.....	701,833	661,299	463	150	37	138	500	406	38,840	906
New Mexico.....	461,718	397,059	1,533	48,877	3,952	1,272	862		6,163	7,485
North Dakota.....	10,248	7,153	1,614		1	1,280			200	1,615
Oklahoma.....	4,388	4,205	50		69	20	28		16	119
Oregon.....	686,129	645,281	3,585	645	805	3,279	22,915	821	10,788	5,211
South Dakota.....	63,248	47,122	540	1,448	8	13,555			395	548
Texas ¹	164,283	75,466	59,196	3,710	6,152	6,203	163	205	13,068	65,643
Utah.....	999,410	954,800	2,559	4,100	300	568	1,671		35,412	2,559
Washington.....	354,378	301,341	9,085	5,437	299	4,608			4,307	20,948
Wyoming.....	1,133,302	1,112,234	1,540	64	73	14,261	120	6,084	5,008	1,615

¹ Exclusive of land irrigated for rice growing.

More than nine-tenths (92.9 per cent) of the acreage irrigated in 1909 was supplied with water by gravity diversion from streams, and, including cases where water was pumped, streams constituted the source of supply for 94.1 per cent of the total acreage irrigated. Wells supplied the next largest acreage, 3.3 per cent of the total, about one-third of this acreage being watered

by flowing wells. Springs furnished the supply for 1.4 per cent of the total acreage irrigated, and reservoirs and lakes each for less than 1 per cent. Of the total acreage irrigated from wells, California contained 77.6 per cent, and New Mexico 12.1 per cent. In the case of the other sources of supply the acreage irrigated was more generally distributed among the states.

IRRIGATION WORKS.

Number of enterprises and number and length of ditches.—Table 7 shows the number of irrigation enterprises, and the number and length of main and lateral ditches, respectively, reported in 1910. It should be borne in mind that some lateral ditches are much larger than some main ditches, and that the distinction is more or less arbitrary.

Table 7

STATE.	Number of enterprises.	DITCHES.					
		Number.			Length (miles).		
		Total.	Main ditches.	Laterals.	Total.	Main ditches.	Laterals.
Total	54,700	81,837	45,720	36,117	125,591	87,529	38,062
Arizona.....	1,269	1,204	891	313	2,597	1,727	870
California.....	13,970	14,733	8,590	6,143	21,129	12,620	8,509
Colorado.....	9,665	14,017	8,405	5,612	22,570	17,564	5,006
Idaho.....	3,092	6,568	3,209	3,359	12,759	7,662	5,097
Kansas.....	716	128	89	39	316	274	42
Montana.....	5,534	14,980	6,673	8,307	18,934	12,990	5,944
Nebraska.....	474	1,458	420	1,038	2,728	1,459	1,269
Nevada.....	1,347	2,525	994	1,531	3,151	1,928	1,213
New Mexico.....	2,786	3,381	2,101	1,280	5,854	4,664	1,190
North Dakota.....	49	93	47	46	126	52	74
Oklahoma.....	114	153	47	106	85	54	31
Oregon.....	3,745	6,100	3,582	2,518	7,591	5,539	2,052
South Dakota.....	395	680	348	332	1,256	631	625
Texas ¹	2,161	1,252	636	616	1,663	941	722
Utah.....	2,372	3,832	2,495	1,357	7,709	5,887	1,822
Washington.....	1,334	2,780	1,500	1,180	3,892	2,594	1,226
Wyoming.....	5,577	7,933	5,593	2,340	13,231	10,933	2,298

¹ Exclusive of enterprises supplying water for the irrigation of rice.

Reservoirs.—Table 8 gives, by states, the number and capacity of reservoirs used for irrigation in 1910. The acre-foot, used to express capacity, is the quantity of water required to cover 1 acre to the depth of 1 foot, or 43,560 cubic feet. Most of these reservoirs are filled from streams during flood season and in the winter, the stored water being used in the late summer on land which receives its earlier supply by gravity diversion from streams. Some, however, store storm water flowing in drainage channels which are ordinarily dry.

Table 8

STATE.	RESERVOIRS.	
	Number.	Capacity (acre-feet).
Total	6,812	12,581,129
Arizona.....	402	1,349,938
California.....	1,583	743,269
Colorado.....	1,084	2,646,593
Idaho.....	243	1,742,303
Kansas.....	42	31,024
Montana.....	827	580,261
Nebraska.....	44	2,698
Nevada.....	109	325,953
New Mexico.....	522	454,162
North Dakota.....	22	132,187
Oklahoma.....	11	22
Oregon.....	271	1,024,266
South Dakota.....	314	216,205
Texas ¹	288	72,051
Utah.....	480	588,317
Washington.....	156	121,543
Wyoming.....	414	2,559,957

¹ Exclusive of reservoirs supplying water for the irrigation of rice.

Wells.—Table 9 shows the number and capacity of flowing and pumped wells used for irrigation in 1910. The capacities reported are estimates made by the owners, and are often not very accurate, as few well owners have facilities for measuring the discharge of wells. In the case of pumped wells many of the statements of capacity are based on the estimated pump capacity, the capacity of the wells themselves never having been tested.

Table 9

STATE.	WELLS.			
	Flowing.		Pumped.	
	Number.	Capacity (gallons per minute).	Number.	Capacity (gallons per minute).
Total	5,070	1,345,596	14,558	6,426,139
Arizona.....	214	9,353	470	765,921
California.....	2,361	477,343	10,724	4,119,575
Colorado.....	313	41,989	121	53,564
Idaho.....	62	7,200	24	2,826
Kansas.....	3	50	939	73,362
Montana.....	15	22,185	10	5,263
Nebraska.....	.....	.....	66	3,363
Nevada.....	19	1,302	6	1,349
New Mexico.....	673	669,298	466	190,690
North Dakota.....	.....	.....	1	15
Oklahoma.....	.....	.....	65	1,791
Oregon.....	51	3,056	92	20,883
South Dakota.....	42	14,382	4	24
Texas ¹	122	36,939	1,412	121,631
Utah.....	1,135	42,794	27	4,827
Washington.....	65	18,926	128	60,220
Wyoming.....	2	250	3	835

¹ Exclusive of wells supplying water for the irrigation of rice.

Pumping plants.—Table 10 gives the number of pumping plants used for irrigation in 1910, with the capacities of power plants and pumps. The capacities are given as reported by the owners, and in most cases represent the rated capacities claimed by the manufacturers of the apparatus, which are probably in excess of the capacities obtained in use under ordinary field conditions.

Table 10

STATE.	PUMPING PLANTS.		
	Number.	Capacity of power plants (horse-power).	Capacity of pumps (gallons per minute).
Total	13,908	243,436	9,947,909
Arizona.....	429	37,258	851,873
California.....	9,297	128,143	5,276,298
Colorado.....	296	7,969	296,597
Idaho.....	58	7,963	278,863
Kansas.....	698	1,517	128,276
Montana.....	125	3,511	281,199
Nebraska.....	75	140	5,366
Nevada.....	18	693	24,295
New Mexico.....	413	14,226	216,355
North Dakota.....	4	2,038	182,115
Oklahoma.....	68	107	4,541
Oregon.....	229	3,055	118,514
South Dakota.....	8	63	5,289
Texas ¹	1,734	20,915	1,455,285
Utah.....	69	2,143	315,057
Washington.....	391	13,847	365,411
Wyoming.....	34	705	132,529

¹ Exclusive of plants supplying water for the irrigation of rice.

COST.

Table 11 gives, by states, the total cost of irrigation enterprises in the arid region as reported at the Eleventh, Twelfth, and Thirteenth Censuses, and also the

estimated final cost of enterprises which were either completed or under way on July 1, 1910, the date of the census of irrigation of 1910,

Table 11

STATE.	COST OF IRRIGATION ENTERPRISES.						
	1910		1899	1889	Increase.		
	Estimated final cost.	Cost to July 1.			1899-1910 ¹		1889-1899
			Amount.	Per cent.	Per cent.		
Total	\$424,281,186	\$307,866,369	\$66,062,275	* \$29,811,000	\$240,904,094	359.8	126.1
Arizona.....	24,828,868	17,677,966	4,438,352	465,000	13,239,614	295.3	854.5
California.....	84,392,344	72,580,030	19,181,610	13,005,000	53,398,420	278.4	47.5
Colorado.....	76,443,239	56,636,443	11,758,703	6,309,000	44,877,740	381.7	84.0
Idaho.....	58,451,406	40,977,688	9,150,399	1,029,000	35,837,289	700.5	397.6
Kansas.....	1,365,563	1,365,563	529,755	(*)	835,808	157.8	.....
Montana.....	32,382,077	22,970,058	4,683,073	1,623,000	18,287,885	390.5	188.5
Nebraska.....	9,485,231	7,798,310	1,310,698	(*)	6,487,612	495.0	.....
Nevada.....	12,188,756	6,721,924	1,537,559	1,251,000	5,184,365	337.2	22.9
New Mexico.....	11,640,091	9,154,897	4,165,312	(*)	4,989,585	119.8	713.5
North Dakota.....	836,482	836,482	16,980	512	819,502	4,826.3	.....
Oklahoma.....	47,200	47,200	21,872	.....	25,328	115.8	.....
Oregon.....	39,216,619	12,760,214	1,843,771	826,000	10,916,443	592.1	123.2
South Dakota.....	3,800,550	3,045,140	284,747	(*)	2,758,393	968.7	.....
Texas.....	8,613,533	7,346,708	705,608	(*)	6,641,100	941.2	.....
Utah.....	17,840,775	14,028,717	5,865,302	2,780,000	8,163,415	136.2	111.0
Washington.....	22,322,856	16,219,149	1,525,369	197,000	14,693,780	983.3	674.3
Wyoming.....	26,425,890	17,700,980	3,973,465	1,281,000	13,727,815	845.5	210.2

¹ Increase computed on the basis of the cost to July 1, 1910.

² Includes \$275,000 for Kansas, Nebraska, North Dakota, South Dakota, and Texas, which are not shown separately in the report of the census of 1890, these five states being grouped under the designation of "subhumid region."

³ Separate figures not available.

⁴ Exclusive of enterprises supplying water for the irrigation of rice.

The cost of irrigation enterprises up to July 1, 1910, as reported at the Thirteenth Census, includes the cost of construction, the cost of acquiring rights, and any added costs incident to construction, such as the purchase of land for rights of way, the building of structures for use in operation and maintenance, and engineering and legal expenses. For all of the larger enterprises the cost is that given by the owners, but it is probable that in many cases this is estimated rather than taken from actual accounts. For some of the smaller enterprises the cost was estimated by the special agents of the Census Bureau, and in the case of some schedules received by mail the cost has been estimated in the bureau on the basis of the average cost per acre for other enterprises of the same class in the same vicinity. Many of the smaller ditches were built a number of years ago by their owners without the expenditure of much, if any, money, and many of these have since changed hands. In such cases the cost given by the present owners is only a rough estimate. The data as to cost reported for 1899 and 1889 are probably somewhat less accurate than those for 1910. The figure for cost given in the Twelfth Census report is designated as the "cost of construction of systems operated in 1899." The figure for cost at the Eleventh Census is an estimate consisting of the sum of the amounts obtained by multiplying the acreage irrigated by the average first cost per acre of obtaining water, or of water rights, as given by the irrigators. Although not specifically stated in the reports for the

previous censuses, it is probable that the figures there given include the same items represented in the figure for cost in 1910.

The total cost of irrigation enterprises up to July 1, 1910, was reported as \$307,866,369, which represents an increase of \$240,904,094, or 359.8 per cent over the cost reported at the census of 1900. In no state in the arid region was the increase in cost for this period less than 100 per cent, the highest percentage of increase being in North Dakota and the lowest in Oklahoma. With respect to absolute increase California ranked first, Colorado second, Idaho third, and Montana fourth. The year 1910 was in the midst of a period of great activity in the construction of irrigation works, and on July 1, 1910, a large number of works were incomplete. The "estimated final cost" reported, \$424,281,186, is the sum of the cost up to July 1 and the estimated cost of completing these unfinished works.

Average cost per acre.—Table 12 gives the average cost of irrigation enterprises per acre. The averages for 1889 and 1899 are, with one exception, for the acreage actually irrigated in the respective years. These averages are probably considerably higher than if they had been calculated on the basis of the acreage the enterprises were capable of irrigating. At the Thirteenth Census the average cost per acre has been computed by dividing the cost to July 1, 1910, by the acreage which enterprises were capable of irrigating in 1910. Averages based on the acreage irrigated in 1909 and the cost

to July 1, 1910, are, however, also presented as a rough basis for comparison with the averages for the previous censuses. In addition, averages based on the estimated final cost of enterprises and the acreage which their owners expect finally to be able to supply with water are given. These latter averages would represent most accurately the true cost of providing works to supply water for irrigation, were it not for a more or less general tendency to underestimate cost and overestimate the acreage it will be possible to serve.

Table 12 AVERAGE COST OF IRRIGATION ENTERPRISES PER ACRE.

STATE.	1910			1899	1889
	Based on cost to July 1, 1910, and acreage enterprises were capable of irrigating in 1910.	Based on cost to July 1, 1910, and acreage irrigated in 1909.	Based on estimated final cost and acreage included in projects.		
Total.....	\$15.92	\$22.41	\$13.64	\$8.91	\$8.15
Arizona.....	45.60	55.23	26.30	23.94	7.07
California.....	20.05	27.24	15.37	13.27	12.95
Colorado.....	14.19	20.29	12.92	7.30	7.15
Idaho.....	17.15	28.64	16.47	13.79	4.74
Kansas.....	9.75	36.44	8.47	22.43	(¹)
Montana.....	10.42	13.68	9.21	4.92	4.63
Nebraska.....	18.17	30.47	13.35	8.82	(²)
Nevada.....	7.99	9.58	9.89	3.05	7.56
New Mexico.....	14.19	19.83	10.56	20.43	5.58
North Dakota.....	38.17	81.62	21.91	3.40	(³)
Oklahoma.....	7.98	10.76	5.53	7.93	(³)
Oregon.....	15.36	18.60	15.52	4.75	4.64
South Dakota.....	23.69	48.11	18.85	6.52	(³)
Texas.....	21.57	44.72	11.43	17.23	(³)
Utah.....	11.22	14.04	9.16	9.32	10.55
Washington.....	34.47	48.51	27.32	12.08	4.03
Wyoming.....	10.80	15.62	9.18	6.6	3.62

¹ Based on acreage under ditch in 1899.

² Figures for Kansas, Nebraska, North Dakota, South Dakota, and Texas are not shown separately in the report of the census of 1890, these five states being grouped under the designation of "subhumid region." The average for the subhumid region was \$4.07.

³ Exclusive of land irrigated for rice growing.

The average cost per acre based on the acreage irrigated in 1909 was \$22.41; that based on the acreage enterprises were capable of irrigating in 1910 was \$15.92; and that based on the estimated total cost and the acreage included in projects was \$13.64.

Between 1889 and 1899 there was no marked increase in the average cost of irrigation enterprises per acre of land irrigated, but in 1910 the average cost per acre was very much higher. The chief reason for this is the fact that, naturally, irrigation enterprises were first undertaken where water could be most easily secured and engineering difficulties were least serious. The enterprises undertaken during more recent years have been of necessity on a much larger scale than those built formerly, and, in most cases, of a better and more permanent type of construction. Indeed, much of the cost incurred between 1899 and 1910 was for the im-

provement of existing works, especially by the addition of reservoirs, which did not provide water for new lands, but rather provided a better supply for land already irrigated.

Average cost per acre, by type of enterprise.—Table 13 gives the average cost of irrigation enterprises per acre in 1910, computed in the three ways just shown, for each class of enterprises.

Table 13 AVERAGE COST OF IRRIGATION ENTERPRISES PER ACRE.

CLASS OF ENTERPRISE.	AVERAGE COST OF IRRIGATION ENTERPRISES PER ACRE.		
	Based on cost to July 1, 1910, and acreage enterprises were capable of irrigating in 1910.	Based on cost to July 1, 1910, and acreage irrigated in 1909.	Based on estimated final cost and acreage included in projects.
All classes.....	\$15.92	\$22.41	\$13.64
U. S. Reclamation Service.....	67.52	134.17	48.14
U. S. Indian Service.....	12.78	27.83	13.33
Carey Act enterprises.....	30.53	115.30	21.75
Irrigation districts.....	27.57	41.44	20.33
Cooperative enterprises.....	12.80	17.19	10.87
Individual and partnership enterprises.....	7.09	8.69	5.22
Commercial enterprises.....	24.98	41.71	16.79

The highest average cost per acre on each basis is shown for the United States Reclamation Service enterprises, and the next highest in each case for Carey Act enterprises. Irrigation districts ranked third and commercial enterprises fourth, except in one case where the order is reversed. These four classes comprise the large enterprises which are now engaged in developing new lands, and most of their work is of recent date. The works built by individuals or cooperative enterprises, which are smaller and were for the most part built at an earlier period, naturally utilized the sources from which water could be most readily diverted and transported to the land to be irrigated. The larger works of recent date serve land farther from the streams and involve better, more expensive, and more permanent construction, and as a result the average cost per acre is higher than that for the small works.

Average cost per acre, by size groups.—The average cost of irrigation works per acre for enterprises classified by size is shown in Table 14. The classification is based on the acreage intended ultimately to be irrigated.

It will be noted that in general the cost per acre irrigated increases with the size of enterprises. This condition is due at least in a considerable measure to the fact already noted that most of the larger enterprises, which are mainly of recent date, have had to seek water more difficult to obtain than that secured by the smaller enterprises, and that they represent a better type of work.

Table 14

	Total.	ENTERPRISES CONTAINING				
		Less than 25,000 acres.	25,000 to 50,000 acres.	50,000 to 75,000 acres.	75,000 to 100,000 ¹ acres.	100,000 acres and over.
Number of enterprises.....	54,700	54,548	74	28	16	34
Acreage:						
Irrigated in 1909.....	13,738,485	11,395,874	832,024	412,655	264,066	833,806
Enterprises were capable of irrigating in 1910.....	19,334,697	14,789,465	1,281,145	728,795	493,514	2,041,778
Included in projects.....	31,111,142	20,622,914	2,430,289	1,629,348	1,309,247	5,125,644
Cost:						
To July 1, 1910.....	\$307,866,369	\$175,308,121	\$23,411,977	\$19,524,778	\$14,420,824	\$75,200,669
Estimated final.....	\$124,281,186	\$207,068,121	\$33,154,856	\$35,537,574	\$21,368,421	\$129,152,234
Average cost per acre based on:						
Acreage irrigated in 1909 and cost to July 1, 1910.....	\$22.41	\$15.38	\$28.14	\$47.31	\$54.60	\$90.19
Acreage enterprises were capable of irrigating in 1910 and cost to July 1, 1910.....	\$15.92	\$11.85	\$18.27	\$26.79	\$29.22	\$36.83
Acreage included in projects and estimated final cost.....	\$13.64	\$10.04	\$13.70	\$20.66	\$16.32	\$25.20

Operation and maintenance.—Table 15 gives the average cost per acre for the operation and maintenance of irrigation enterprises in 1909. The inquiry as to this item was not extended to individual and partnership enterprises, for the reason that farmers owning their own ditches usually clean and repair them at odd times without keeping any record of the time or money expended. In the case of some enterprises of other classes, no reports were received. The statistics for cost of operation reported at the two previous censuses, for various reasons, are not fairly comparable with those for 1909, and consequently are not shown in the table.

For the arid region as a whole, the average cost of operation and maintenance per acre irrigated was \$1.07. The abnormal cost shown for North Dakota (\$28.40) relates almost entirely to a single large project which supplied water in 1909 to only a small part of the acreage which it is designed to serve. The lowest average is for Oklahoma (\$0.51 per acre).

Table 15

STATE.	Acreage irrigated in 1909 by enterprises for which cost of operation and maintenance was reported.	REPORTED COST OF OPERATION AND MAINTENANCE IN 1909.	
		Amount.	Average per acre for which cost was reported.
Total.....	6,379,955	\$6,828,433	\$1.07
Arizona.....	230,429	214,358	0.93
California.....	1,368,247	2,192,431	1.54
Colorado.....	1,401,570	1,945,258	0.73
Idaho.....	883,698	569,032	0.63
Kansas.....	34,255	54,595	1.59
Montana.....	394,507	349,602	0.89
Nebraska.....	209,023	227,385	1.09
Nevada.....	88,976	86,110	0.97
New Mexico.....	278,439	377,972	1.36
North Dakota.....	1,610	45,718	28.40
Oklahoma.....	1,969	1,000	0.51
Oregon.....	263,855	198,111	0.75
South Dakota.....	25,514	16,288	0.64
Texas ¹	109,697	356,270	3.25
Utah.....	689,994	451,283	0.65
Washington.....	176,197	543,312	3.08
Wyoming.....	221,875	190,648	0.86

¹ Exclusive of enterprises supplying water for the irrigation of rice.

CROPS.

The returns of crops grown on irrigated land, which were made by the regular enumerators of population and agriculture, are somewhat incomplete, for the reason that, owing to the late date at which the provisions of law regarding the irrigation census were passed, the enumerators could not be as carefully instructed regarding the special irrigation schedules as regarding the regular agricultural schedules. On many of the schedules the agricultural enumerators reported land as irrigated but failed to return separately the crops grown on such land. The total acreage of crops reported as raised on irrigated land formed 52.7 per cent of the total acreage irrigated in 1909; and while part of the remainder was doubtless in pasture, it is evident that part was in crops not reported as grown under irrigation and a part was probably in crops not harvested. Although the totals are thus incomplete, the returns are sufficiently accurate to afford reliable averages of yields and values and to show the relative importance of the various crops.

Table 16 gives, by states, the total acreage and total value of crops reported as irrigated in 1909, with the average value per acre.

Table 16

STATE.	CROPS IRRIGATED IN 1909.		
	Acreage.	Value.	
		Total.	Average per acre.
Total.....	7,241,561	\$181,617,396	\$25.08
Arizona.....	171,302	4,718,100	27.54
California.....	1,196,767	52,057,007	43.50
Colorado.....	1,650,356	39,478,994	23.92
Idaho.....	772,684	16,582,213	21.46
Kansas.....	22,118	477,025	21.57
Montana.....	909,342	14,535,960	15.99
Nebraska.....	137,211	1,978,869	14.39
Nevada.....	356,079	5,339,475	15.00
New Mexico.....	230,034	5,705,922	24.80
North Dakota.....	3,273	56,215	17.18
Oklahoma.....	2,806	51,995	18.53
Oregon.....	368,911	7,489,255	20.30
South Dakota.....	38,438	805,684	13.16
Texas ¹	58,227	2,645,385	45.43
Utah.....	579,744	14,642,792	25.26
Washington.....	160,483	7,994,531	49.82
Wyoming.....	583,786	7,382,993	12.61

¹ Exclusive of rice.

The table shows for all crops reported as irrigated an average value per acre of \$25.08.

The highest average value per acre for crops raised on irrigated land is that for Washington, \$49.82, which

is followed by that for Texas, \$45.43 (exclusive of rice), and that for California, \$43.50. Wyoming showed the lowest average value per acre, \$12.61. As is to be expected, the average value per acre is highest in the states with large areas of fruits, vegetables, and other specialized crops raised by means of irrigation, while in those where forage crops and grains predominate the average is lower. Fruit crops comprised about 12 per cent of the total acreage of irrigated crops in Washington in 1909 and about 21 per cent of the total in California, and vegetables and other special crops about 21 per cent of the total acreage of irrigated crops in Texas, exclusive of rice. In Wyoming, on the other hand, more than 32 per cent of the total acreage of irrigated crops in 1909 was in wild grass, and irrigated fruit crops were insignificant.

Table 17 shows the reported acreage and value of each important irrigated crop in the arid region as a whole, with the percentage of the total represented by each.

CROP.	CROPS IRRIGATED IN 1909.			
	Acreage.		Value.	
	Amount.	Per cent of total.	Amount.	Per cent of total.
Total reported	7,241,561	100.0	\$181,617,396	100.0
Alfalfa.....	2,216,628	30.6	50,850,533	28.0
Wild, salt, or prairie grasses.....	1,530,609	21.1	11,734,258	6.5
Oats.....	739,632	10.2	14,055,124	7.7
Wheat.....	548,173	7.6	12,826,982	7.1
Barley.....	240,117	3.3	4,399,445	2.4
Orchard fruits and grapes.....	236,285	3.3	18,245,182	10.0
Other tame or cultivated grasses.....	219,701	3.0	2,571,297	1.4
Grains cut green.....	202,363	2.8	2,992,570	1.6
Timothy alone.....	202,817	2.8	3,211,651	1.8
Sugar beets.....	183,467	2.5	10,511,407	5.8
Timothy and clover mixed.....	183,308	2.5	3,071,935	1.7
Potatoes.....	168,014	2.3	10,085,692	5.6
Corn.....	133,673	1.8	2,423,507	1.3
Tropical and subtropical fruits.....	99,431	1.4	15,344,375	8.4
All other.....	330,183	4.6	19,293,078	10.6

In acreage alfalfa ranked first, with 30.6 per cent of the total reported; "wild, salt, or prairie grasses" second, with 21.1 per cent; and oats third, with 10.2 per cent. Forage crops, taken together, occupied about 63 per cent of the total reported acreage, cereals about 23 per cent, sugar beets 2.5 per cent, potatoes 2.3 per cent, fruit crops about 5 per cent, and the crops such as vegetables, root forage, cotton, buckwheat, and others (grouped under the head "all other") 4.6 per cent.

In value also alfalfa was most important, representing 28 per cent of the total amount reported; but orchard fruits and grapes ranked second in this respect among the crops shown separately and tropical fruits third, notwithstanding the relatively small acreages in those crops.

Average yields per acre.—Table 18 shows for each of the leading crops grown on irrigated land the average yield per acre in comparison with the average yield of the same crop on unirrigated land in the United States as a whole. Yields for fruit crops are not given because of the large variety of units in which

these yields were expressed and because the general agricultural schedules do not show the acreage in these crops.

CROP.	AVERAGE YIELD PER ACRE.		EXCESS OF AVERAGE YIELD ON IRRIGATED LAND OVER THAT ON UNIRRIGATED LAND. ¹	
	On irrigated land, arid region.	On unirrigated land, entire United States.	Amount.	Percent.
Cereals:				
Corn.....bushels..	23.7	25.9	-2.2	-8.5
Oats.....bushels..	36.8	28.5	8.3	29.1
Wheat.....bushels..	25.6	15.3	10.3	67.3
Barley.....bushels..	29.1	22.3	6.8	30.5
Hay and forage:				
Alfalfa.....tons..	2.94	2.14	0.80	37.4
Timothy alone.....tons..	1.73	1.22	0.51	41.8
Timothy and clover mixed.....tons..	1.82	1.26	0.56	44.4
Other tame or cultivated grasses ².....tons..	1.53	1.05	0.48	45.7
Wild, salt, or prairie grasses.....tons..	1.06	1.07	-0.01	-0.9
Grains cut green.....tons..	1.46	1.23	0.23	18.7
Sundry crops:				
Potatoes.....bushels..	153.6	103.8	49.8	48.0
Sugar beets.....tons..	11.89	9.73	2.16	22.2

¹ A minus sign (-) indicates that the yield on irrigated land is less than that on unirrigated land.

² Includes millet or Hungarian grass.

For each of the crops presented in the table except corn and "wild, salt, or prairie grasses," the average yield on irrigated land exceeds that on unirrigated land, the percentages of excess ranging from 18.7 for grains cut green to 67.3 per cent for wheat. As climatic conditions in the arid region are not favorable to corn, it is not grown to a large extent there. In the case of "wild, salt, or prairie grasses" the average yields on irrigated and unirrigated land are practically equal. A large part of the unirrigated wild grass is cut on river bottom lands where the soil is likely to be wet, even without irrigation, and consequently a difference in favor of irrigated land is not to be expected.

A combined average for all the crops listed in Table 18, each being given a weight corresponding to its acreage, shows an excess yield of 28.6 per cent for the crops grown on irrigated land over those grown on unirrigated land. It is, of course, obvious that this difference in no way represents the advantage of irrigation over nonirrigation. In some sections where rainfall is plentiful irrigation would add little to the yield, but in arid sections often little or nothing can be raised without irrigation.

Average values per acre.—The average values per acre of the leading irrigated crops reported for the arid region are shown in Table 19 in comparison with averages for the same crops grown on unirrigated land for the United States as a whole, so far as acreage figures are available for these.

Among crops grown on irrigated land in 1909, tropical fruits led in average value per acre by a wide margin, orchard fruits and grapes ranking second. Potatoes followed the fruit crops, with an average value of \$60.03, and sugar beets were next of the

crops shown separately, the average value being \$57.29 per acre. Alfalfa, the most important irrigated crop, had an average value per acre of \$22.94. In comparing the average values per acre for different crops it should be borne in mind that the crops with higher average values often require more expensive methods of cultivation than those with lower average values.

Table 19

CROP.	AVERAGE VALUE PER ACRE.		EXCESS OF AVERAGE VALUE FOR IRRIGATED LAND OVER THAT FOR UNIRRIGATED LAND.	
	On irrigated land, arid region.	On unirrigated land, entire United States.	Amount.	Per cent.
Tropical and subtropical fruits	\$154.32	(¹)		
Orchard fruits and grapes.....	77.18	(¹)		
Potatoes.....	60.03	\$44.66	\$15.37	34.4
Sugar beets.....	57.29	51.90	5.39	10.4
Wheat.....	23.40	14.75	8.65	58.6
Alfalfa.....	22.94	18.97	5.97	35.2
Oats.....	19.00	11.64	7.36	63.2
Barley.....	18.32	11.81	6.51	55.1
Corn.....	18.13	14.62	3.51	24.9
Timothy and clover mixed.....	16.76	13.13	3.63	27.6
Timothy alone.....	15.84	12.76	3.08	24.1
Grains cut green.....	14.29	14.26	0.03	0.2
Other tame or cultivated grasses ²	11.70	10.55	1.15	13.0
Wild, salt, or prairie grasses.....	7.67	5.96	1.71	31.6
All other.....	58.43	(¹)		

¹ Acreage not reported.

² Includes millet or Hungarian grass.

³ Comparable figure not available.

Each of the crops shown in the table for which comparisons are made had a higher average value per acre for irrigated land than is shown for the same crop grown on unirrigated land for the United States. The excess in favor of the products raised on irrigated land, for the crops included in the comparison, ranged from 0.2 per cent for grains cut green to 63.2 per cent for oats. The average excess for irrigated crops for the crops for which comparative figures are given in the table, based on the total acreages and total values, is about 43 per cent. It should be noted that the comparison just made does not include the crops with the highest average values per acre, such as fruits and vegetables.

Comparison with preceding census.—According to the reports of the Twelfth Census the total acreage of irrigated crops in the arid and semiarid states was 5,932,557, while the acreage of such crops reported at the present census of irrigation was 7,241,561, which represents an increase of 22.1 per cent. The fact that this increase is much smaller than the increase in the acreage reported as irrigated (\$2.7 per cent) is a

IRRIGATION FOR RICE GROWING.

As previously stated, the special inquiry into irrigation for rice growing was confined to the rice growing districts of Louisiana, Texas, and Arkansas. The data collected, except those relating to crops, are summarized in Table 21.

The number of farms reporting irrigation for rice growing and the acreage irrigated, as reported at the

further indication that the crop reports of the census of irrigation for 1910 are incomplete. Because of this incompleteness, the crop figures of the two censuses are not compared directly, but in Table 20 the percentage which the acreage in each irrigated crop formed of the total acreage reported in such crops is shown for the two censuses.

Table 20

CROP.	ACREAGE OF IRRIGATED CROPS.			
	1909		1899	
	Acreage.	Per cent of total.	Acreage.	Per cent of total.
Total reported.....	7,241,561	100.0	5,932,557	100.0
Alfalfa.....	2,216,628	30.6	1,517,888	25.6
Wild, salt, or prairie grasses.....	1,539,099	21.1	997,438	16.8
Oats.....	739,632	10.2	332,365	5.6
Wheat.....	548,173	7.6	775,991	13.1
Barley.....	240,117	3.3	172,228	2.9
Other tame or cultivated grasses ¹	219,701	3.0	306,298	5.2
Grains cut green.....	205,963	2.9	240,639	4.0
Sugar beets.....	183,467	2.5	9,074	0.2
Potatoes.....	168,014	2.3	90,991	1.5
Corn.....	133,673	1.8	149,799	2.5
Tropical and subtropical fruits.....	99,431	1.4	87,071	1.5
Rye.....	6,054	0.1	7,096	0.1
All other.....	946,639	13.1	1,285,679	21.7

¹ Includes millet or Hungarian grass.

From Table 20 it appears that at both censuses alfalfa was the leading crop grown under irrigation, but that it occupied a considerably larger proportion of the total acreage reported for irrigated crops in 1909 than in 1899. The crop next in importance in respect to acreage in both years was "wild, salt, or prairie grasses," which likewise comprised a larger percentage of the total in 1909 than in 1899. Oats was third in acreage in 1909, followed by wheat, while in 1899 wheat ranked third and oats fourth. Oats covered a much larger percentage of the total acreage of irrigated crops in 1909 than in 1899 and wheat a much smaller percentage in the later than in the earlier year.

The most notable relative increase was for sugar beets, the growing of this crop in the irrigated region being largely a development of the last decade. Potatoes also showed a marked increase in relative importance. Tropical and subtropical fruits occupied about the same place in the two censuses. From a comparison of Table 20 with Table 19, it will be seen that, with the exception of "wild, salt, or prairie grasses," the irrigated crops which are increasing in acreage most rapidly are all among the crops with relatively high values per acre.

census of 1910, cover the year 1909, while all other data for that census relate to the year 1910. The reports of the agricultural census of 1910 show that 95.5 per cent of the entire acreage of rice harvested in 1909 was in the three states included in the special irrigation inquiry, and that in all the other states a marked decrease occurred between 1899 and 1909

in the acreage in rice. The figures given in the table for the census of 1910 represent, therefore, in a fairly adequate measure, the extent of irrigation for rice growing in the United States.

The acreage reported on the special irrigation schedules as irrigated for rice growing in 1909 is greater than the total acreage of rice reported in that year on the agricultural schedules for the territory covered. This difference is due principally to the fact that the irrigation schedules show the total acreage watered, while the agricultural schedules show only the acreage harvested. A considerable acreage planted in rice in 1909 was not harvested because of poor stand, shortage of water, and damage by storms.

	Total for specified states.	Louisiana.	Texas.	Arkansas.
Number of farms reporting irrigation for rice growing.....	4,010	2,690	1,088	232
Acreage irrigated for rice growing.....	694,800	380,200	286,847	27,753
Acreage enterprises were capable of irrigating in 1910.....	950,706	553,220	350,350	47,136
Acreage included in projects.....	1,134,322	881,965	499,474	52,883
Number of enterprises.....	2,158	1,237	611	310
Total length of ditches..... miles.	2,339	1,168	1,040	131
Length of main ditches..... miles.	1,938	729	538	131
Length of lateral ditches..... miles.	941	439	502	.....
Reservoirs:				
Number.....	144	104	21	19
Capacity..... acre-feet.....	21,795	19,482	2,310	3
Flowing wells:				
Number.....	1	.....	1	.....
Capacity..... gals. per min.....	80	.....	80	.....
Pumped wells:				
Number.....	1,413	606	500	307
Capacity..... gals. per min.....	1,822,560	1,108,226	445,435	268,829
Pumping plants:				
Number.....	1,897	1,007	575	315
Capacity of power plants, horse-power.....	118,045	57,426	48,173	12,440
Capacity of pumps, gals. per min.....	9,407,953	5,064,173	3,907,380	436,402
Cost of irrigation enterprises to July 1, 1910.....	\$13,587,639	\$6,859,166	\$6,140,639	\$587,834
Average cost per acre.....	\$14.29	\$12.40	\$17.53	\$12.47
Estimated final cost of existing enterprises.....	\$13,667,639	\$6,914,166	\$6,140,639	\$612,834
Average cost per acre ²	\$12.05	\$11.88	\$12.29	\$11.59

¹ Based on acreage enterprises were capable of irrigating in 1910.

² Based on acreage included in projects.

The total acreage irrigated for rice growing in the three states in 1909 was 694,800, of which 54.7 per cent was in Louisiana, 41.3 per cent in Texas, and 4 per cent in Arkansas. The enterprises which were completed or under way in 1910 were reported as capable of irrigating 950,706 acres in that year and of serving ultimately a total of 1,134,322 acres.

The total cost of irrigation enterprises to July 1, 1910, was \$13,587,639, or an average of \$14.29 per acre for the land to which they were capable of supplying water in 1910. Upon the basis of the acreage irrigated in 1909, the average cost per acre was \$19.56. The estimated total cost of enterprises completed or under way in 1910 was \$13,667,639, or \$12.05 per acre for the land included in these enterprises. From these figures it appears that the works for supplying water for rice irrigation which were under construction in 1910 were relatively insignificant.

In the report on irrigation for the Twelfth Census no information relating to the irrigation of rice in Arkan-

sas is given, because the rice growing industry in that state was insignificant in 1900.

In Table 22 comparisons are made for Louisiana and Texas for the few items that were reported at both censuses. The figures for the Twelfth Census relate to the year 1899.

	LOUISIANA.			TEXAS.		
	Census of—		Per cent of increase. (°)	Census of—		Per cent of increase.
1910	1900	1910		1900		
Farms reporting irrigation for rice growing ..	2,690	4,531	-40.6	1,088	73	(°)
Acreage irrigated.....	380,200	201,685	88.5	286,847	8,700	3,197.1
Enterprises..... number.....	1,237	596	107.6	611	(°)	.....
Length of main ditches (miles).....	729	386	88.9	538	(°)	.....
Cost of irrigation enterprises.....	\$6,859,166	\$2,529,319	171.2	\$6,140,639	\$322,000	1,807.0
Average cost per acre.....	\$12.40	\$12.54	(°)	\$17.53	\$37.01	(°)

¹ A minus sign (-) denotes decrease.

² Per cent not calculated when base is less than 100.

³ Not reported.

⁴ Estimated.

⁵ Based on cost to July 1, 1910, and acreage enterprises were capable of irrigating in 1910.

⁶ Based on cost of systems operated in 1899, and acreage irrigated in that year.

⁷ Figures not comparable. (See explanation in text.)

In Louisiana considerable increases have taken place since the census of 1900 in all the items shown in the table except number of farms. The large decrease in the number of farms reporting the irrigation of rice is probably due to the abandonment of rice growing on farms where only small acreages were planted, and an extension of the industry in sections where rice is grown on a larger scale. In Texas almost the entire development has taken place since 1899.

As the figures for average cost of irrigation enterprises per acre at the two censuses are not computed on the same basis, they are not comparable.

Although the crop returns for irrigated rice are not complete, they are sufficiently so to afford reliable averages of the yield and value per acre. These are shown in Table 23.

STATE.	RICE GROWN ON IRRIGATED LAND IN 1909.	
	Average yield per acre (bushels).	Average value per acre.
Louisiana.....	34.6	\$25.70
Texas.....	38.7	28.54
Arkansas.....	45.9	41.56

Continuous cropping in rice exhausts the soil, and the districts of Louisiana, where the land has been used for a longer time than in other sections, show the lowest average yield, while Arkansas, where the growing of rice is of comparatively recent date, shows the highest average yield.

MANUFACTURES



CHAPTER 15.—STATISTICS FOR STATES, CITIES, AND INDUSTRIES

CHAPTER 15.

STATISTICS OF MANUFACTURES FOR STATES, CITIES, AND INDUSTRIES.

Introduction.—This chapter contains a summary of the statistics of manufactures for the United States for the calendar year 1909, as shown by the Thirteenth Census.

The principal facts derived from the census inquiry are presented in four general tables at the end of the chapter, the first giving statistics for individual industries, the second for states and territories, the third for each of the 25 leading manufacturing cities, and the fourth for each city of 10,000 or more inhabitants.

Table 110 gives for each industry in 1909, 1904, and 1899 the number of establishments; number of persons engaged in the industry during the year, classified as proprietors and firm members, salaried employees, and wage earners; primary power; capital; salaries; wages; cost of materials; value of products; value added by manufacture; and the percentage of increase in average number of wage earners and in value of products, from census to census. The industries are arranged alphabetically.

Table 111 gives similar statistics for the different states and territories, arranged geographically.

Table 112 gives for each of the 25 leading manufacturing cities the same items given in Tables 110 and 111; the cities are arranged according to the value of their manufactured products.

Table 113 gives, for each city of 10,000 or more inhabitants, the number of establishments, the average number of wage earners, the value of products, and the value added by manufacture for 1909, 1904, and 1899. The cities are arranged alphabetically by states.

In addition to these general tables there are interspersed in the text discussion a series of special text tables analyzing certain of the data contained in the general tables. Some of these special text tables present figures only for all industries combined in continental United States as a whole; others give statistics for the principal industries separately; and still others give figures for states and territories.

Scope of census: Factory industries.—Census statistics of manufactures are compiled primarily for the purpose of showing the absolute and relative magnitude of the different branches of industry covered and their growth or decline. Incidentally, the effort is made to present data throwing light upon character of organization, location of establishments, size of establishments, labor force, and similar subjects. When use is made of the data for these purposes it is imperative that due attention should be given

to the limitations of the figures. Particularly is this true when the attempt is made to derive from them figures purporting to show average wages, cost of production, or profits.

The census of 1909, like that of 1904, was confined to manufacturing establishments conducted under the factory system, as distinguished from the neighborhood, hand, and building industries. Where statistics for 1899 are given they have been reduced to a comparable basis by eliminating, as far as possible, the latter classes of industries. The census does not include establishments which were idle during the entire year, or had a value of products of less than \$500, or the manufacturing done in educational, eleemosynary, and penal institutions, or in governmental establishments, except those of the Federal Government.

Period covered.—The returns cover the calendar year 1909, or the business year which corresponds most nearly to that calendar year. The statistics cover a year's operations, except for establishments which began or discontinued business during the year.

The establishment.—As a rule, the term "establishment" represents a separated plant or mill. In some cases it represents two or more plants operated under a common ownership or for which one set of books of account is kept.

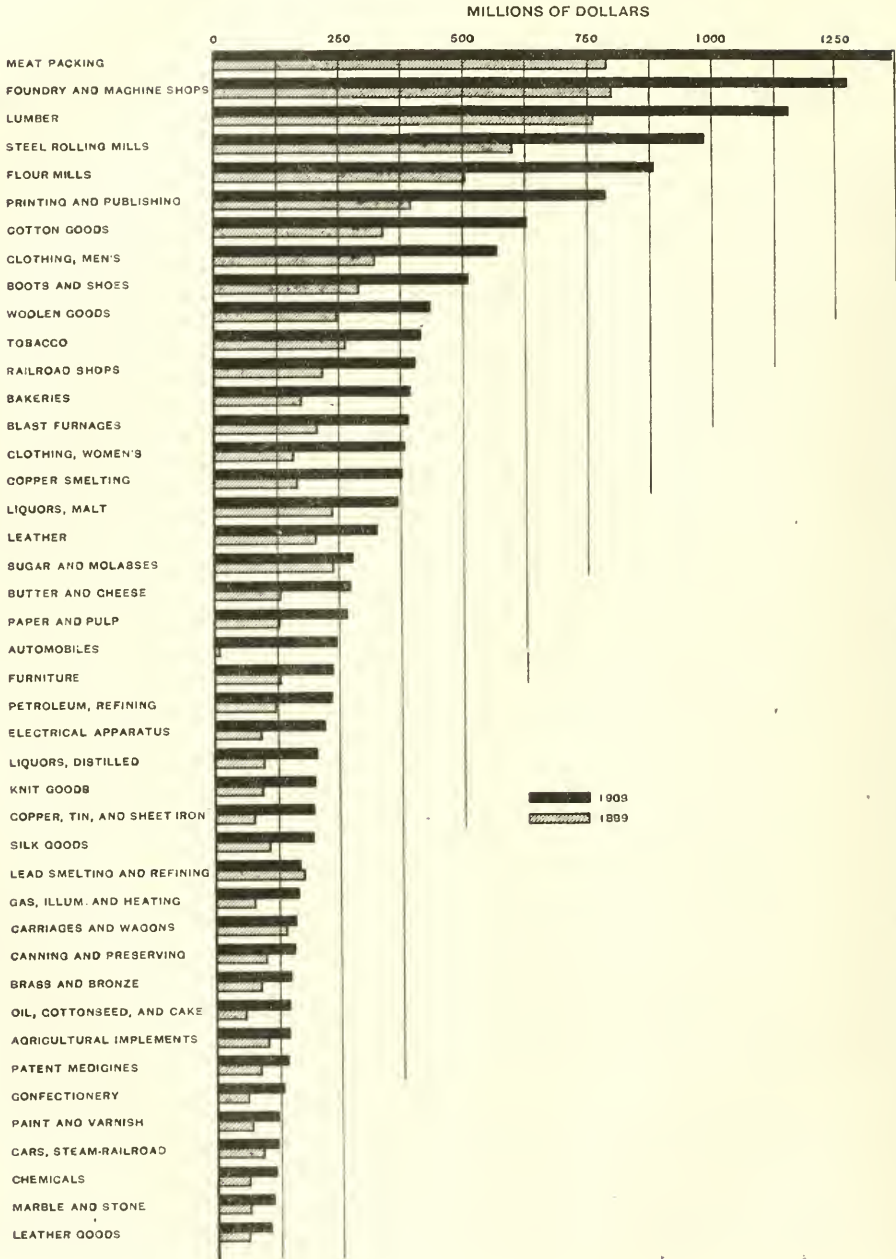
If the plants constituting an establishment as thus defined were not all located within the same city or state, separate reports were secured in order that the separate totals might be included in the statistics for each city or state. In some instances separate reports were secured for different industries carried on in the same establishment.

Classification by industries.—The establishments were assigned to the several classes of industries according to their products of chief value. The value of products reported for a given industry may thus, on the one hand, include minor products very different from those covered by the class designation, and, on the other hand, may not include the total product covered by this designation, because some part of this product may be made in establishments in which it is not the product of chief value.

The number of industries for which a separate presentation is made is 264, a much smaller number than in the reports for the census of 1904, in which 339 industries were shown separately. This decrease is due to the fact that an attempt to make a separate presentation would in the case of many industries be misleading, inasmuch as a large part of the product of the class described by the industry designation is made, not by establishments engaged primarily in manufacturing that class of commodities, but by establishments whose principal product is such as to necessitate their classification elsewhere. In order to avoid this difficulty it is necessary in many cases to combine a number of closely related industries under a more general designation. This condition is constantly becoming more conspicuous in the manufacturing business of the country, and consequently the number of industries which can properly be shown separately is smaller at this census than at previous censuses.

Owing to changes in industrial conditions, moreover, it is not always possible to classify establishments by industries in such a way as to permit accurate comparison with preceding censuses, and for some of the industries covered by Table 110, therefore, comparative statistics for earlier censuses are necessarily omitted.

VALUE OF PRODUCTS, BY INDUSTRIES: 1909 AND 1899.



GENERAL SUMMARY.

Continental United States and noncontiguous territory: 1909.—The following table gives for 1909 the more important figures for the manufactures of continental United States and for Alaska, Hawaii, and Porto Rico. The table does not cover possessions of the United States other than those mentioned. The statistics of manufactures included in the census of the Philippine Islands taken by the War Department for

1902 are not comparable with those shown in the reports for continental United States; and there has been no census of manufactures in Guam, Samoa, or the Canal Zone. The statistics for Alaska, Hawaii, and Porto Rico include some small establishments of the nature of hand or neighborhood industries, such as are omitted from the canvass for continental United States.

Table 1	NUMBER OR AMOUNT.				
	Total.	Continental United States.	Alaska.	Hawaii.	Porto Rico.
Number of establishments.....	270,082	268,491	152	500	939
Persons engaged in manufactures.....	7,707,751	7,678,578	3,479	7,572	18,122
Proprietors and firm members.....	275,952	273,265	135	1,074	1,478
Salaried employees.....	7,431,799	7,405,313	245	594	1,062
Wage earners (average number).....	6,639,931	6,615,046	3,099	5,904	15,582
Primary horsepower.....	18,755,286	18,675,376	3,975	41,930	34,005
Capital.....	\$18,490,749,000	\$18,428,270,000	\$13,060,000	\$23,875,000	\$25,544,000
Expenses.....	18,526,436,000	18,454,090,000	9,454,000	31,753,000	31,139,000
Services.....	4,375,634,000	4,365,613,000	2,328,000	2,795,000	4,898,000
Salaries.....	940,900,000	938,575,000	380,000	686,000	1,259,000
Wages.....	3,434,734,000	3,427,038,000	1,948,000	2,109,000	3,639,000
Materials.....	12,195,019,000	12,142,791,000	5,120,000	25,629,000	21,479,000
Miscellaneous.....	1,955,783,000	1,945,686,000	2,006,000	3,329,000	4,762,000
Value of products.....	20,767,546,000	20,672,052,000	11,340,000	47,404,000	36,750,000
Value added by manufacture (value of products less cost of materials).....	8,572,527,000	8,529,261,000	6,230,000	21,775,000	15,271,000

The total value of manufactures in the area covered by this table for 1909 was \$20,767,546,000, of which 99.5 per cent was contributed by continental United States, the manufactures of Alaska, Hawaii, and Porto Rico being comparatively unimportant. The most important industry in Alaska is the canning and preserving of fish; in Hawaii, the manufacture of sugar; and in Porto Rico, the manufacture of sugar and of tobacco products.

The above table is the only one in this report in which the statistics for the noncontiguous territories are included, all the other tables relating exclusively to continental United States.

Explanation of terms.—With reference to some of the items contained in the above and following tables certain explanations are necessary:

Persons engaged in manufacturing industries.—The statistics of the number of proprietors and firm members and the number of salaried employees are based on the returns for a single representative day only. In the case of wage earners a report was obtained of the number employed on the 15th of each month, and from these returns the average number employed during the year has been calculated by dividing the sum of the numbers reported for the several months by 12. (See also p. 452.)

Capital.—For reasons stated in reports of prior censuses the statistics of capital secured by the census canvass are so defective as to be of little value, except as indicating very general conditions. The instructions on the schedule for securing capital were as follows:

The answer should show the total amount of capital, both owned and borrowed, on the last day of the business year reported. All

the items of fixed and live capital may be taken at the amounts carried on the books. If land or buildings are rented, that fact should be stated and no value given. If a part of the land or buildings is owned, the remainder being rented, that fact should be so stated and only the value of the owned property given. Do not include securities and loans representing investments in other enterprises.

Materials.—The statistics as to cost of materials relate to the materials used during the year, which may be more or less than the materials purchased during the year. The term "materials" includes fuel, rent of power and heat, mill supplies, and containers, as well as materials forming a constituent part of the product. Under the head of "fuel" is included all fuel used, whether for heat, light, or power, or for the process of manufacture.

Expenses.—Under "Expenses" are included all items of expense incident to the year's business, except interest, whether on bonds or other forms of indebtedness, and allowances for depreciation.

Value of products.—The amounts given under this head represent the selling value at the factory of all products manufactured during the year, which may differ from the value of the products sold. Amounts received for work on materials furnished by others are included.

Cost of manufacture and profits.—Census data do not show the entire cost of manufacture, and consequently can not be used to show profits. No account has been taken of interest and depreciation. Even if the amount of profit could be determined by deducting the expenses from the value of the products the rate of profit on the investment could not properly be calculated, because of the very defective character of the returns regarding capital.

Primary horsepower.—This item represents the total primary power generated by the manufacturing establishments plus the amount of power, principally electric, rented by them from other concerns. It does not cover the electric power developed by the primary power of the establishments themselves, the inclusion of which would evidently result in duplication.

General comparison for the United States: 1909, 1904, and 1899.—The following table gives the principal items of information covered by census inquiries

relative to manufactures in continental United States for 1909, 1904, and 1899, together with the percentages of increase from census to census:

Table 2	NUMBER OR AMOUNT.			PER CENT OF INCREASE.	
	1909	1904	1899	1904-1909	1899-1904
Number of establishments.....	268,491	216,180	207,514	24.2	4.2
Persons engaged in manufactures.....	7,678,578	6,213,612	(¹)	23.6	.....
Proprietors and firm members.....	273,265	225,673	(¹)	21.1	.....
Salariat employees.....	790,267	519,556	364,120	52.1	42.7
Wage earners (average number).....	6,615,046	5,468,383	4,712,763	21.0	16.0
Primary horsepower.....	18,675,376	13,487,707	10,097,893	38.5	33.6
Capital.....	\$18,428,270,000	\$12,675,581,000	\$8,975,256,000	45.4	41.2
Expenses.....	18,454,090,000	13,138,260,000	9,870,425,000	40.5	33.1
Services.....	4,365,613,000	3,184,884,000	2,389,132,000	37.1	33.3
Salaries.....	938,575,000	574,439,000	350,771,000	63.4	50.9
Wages.....	3,427,038,000	2,610,445,000	2,008,361,000	31.3	30.0
Materials.....	12,142,791,000	8,500,208,000	6,575,851,000	42.9	29.3
Miscellaneous.....	1,945,686,000	1,453,168,000	905,442,000	33.9	60.5
Value of products.....	20,672,052,000	14,793,903,000	11,406,927,000	39.7	29.7
Value added by manufacture (value of products less cost of materials).....	8,529,261,000	6,293,695,000	4,831,076,000	35.5	30.3

¹ Figures not available.

In 1909 the United States had 268,491 manufacturing establishments, which gave employment during the year to an average of 7,678,578 persons, of whom 6,615,046 were wage earners. These manufacturing establishments paid \$4,365,613,000 in salaries and wages, and turned out products to the value of \$20,672,052,000, to produce which materials costing \$12,142,791,000 were consumed. The value added by manufacture, namely, the difference between the cost of materials and the total value of products, was \$8,529,261,000. This figure best represents the net wealth created by manufacturing operations, because the gross value of products includes the cost of the materials used, which are either the products of non-manufacturing industries, such as agriculture, forestry, fisheries, and mining, or else are themselves the product of manufacturing establishments. The value of products derived from this latter class of materials involves a duplication, inasmuch as the value of these materials has already figured in the value of products reported for the establishments manufacturing them in the first instance; in some cases, indeed, where a given product has passed through several distinct stages of manufacture in different establishments before reaching its final form, this duplication may be repeated several times. All such duplications, as well as the original value of materials, are, however, eliminated in the figures for value added by manufacture. This value covers salaries and wages—which represent over one-half of the total—overhead charges, depreciation, interest, taxes, and other expenses attendant upon the manufacturing operations, as well as the profits of the undertaking.

Table 2 shows that the manufacturing industries of the United States as a whole experienced a more rapid growth during the five-year period 1904-1909

than during the period 1899-1904, although in both periods the progress was very marked. During the first five years of the decade the average number of wage earners increased 16 per cent; during the second five years, 21 per cent. The value of products increased 29.7 per cent during the first period and 39.7 per cent during the second period. The rate of increase in the value added by manufacture shows less difference between the two periods, being 30.3 per cent during the first five years and 35.5 per cent during the second five years. In this connection it may be noted that there was a greater rate of increase in the cost of materials during the second period than during the first.

During the 10 years from 1899 to 1909 the number of establishments increased 29.4 per cent; the capital employed, 105.3 per cent; the average number of wage earners, 40.4 per cent; the amount of primary power, 84.9 per cent; the value of materials consumed, 84.7 per cent; the value of products, 81.2 per cent; and the value added by manufacture, 76.6 per cent. The gross value of products in 1909 exceeded that in 1899 by more than \$9,000,000,000, and the value added by manufacture in 1909 was, in round numbers, \$3,700,000,000 more than in 1899.

It would be improper to infer that manufactures increased in volume during either of the five-year periods covered by the table to the full extent indicated by the increase in value of materials consumed or in the value of products, since the increase shown in these items is certainly due in part to the increase that has taken place in the price of commodities. It may be presumed that the quantity of products increased somewhat more rapidly than the number of wage earners; this might be expected from the fact that the amount of primary power increased much faster than the number of wage earners; in

other words, each wage earner, on the average, had greater assistance from mechanical power in 1909 than in 1904 or 1899.

It is a matter of interest to note that during both of the five-year periods the wages paid showed a higher percentage of increase than the average number of wage earners, thus indicating an increase in the average wages.

Comparison with earlier censuses.—In 1810 the Secretary of the Treasury made a report on the condition of manufactures in the United States and estimated that the value of products for 1809 exceeded \$120,000,000. An estimate based on the returns of the census of 1810 placed the value of the annual product at \$198,613,471. Further efforts to secure statistics of manufactures were made in 1820 and 1840, but the results were more or less unsatisfactory. In 1830 no such attempt was made. The census of 1850 was the first to present fairly complete statistics for manufactures. Each census from that time to 1890 was based in part on returns for the preceding calendar year and in part on returns for other 12-month periods, mainly ending during the census year itself. The last three censuses cover principally returns for the preceding calendar year or for 12-month periods ending within that year. In general, in this report the statistics for all censuses are referred to by the year preceding that in which the census was taken.

The statistics of manufactures secured at the decennial censuses from 1850 to 1900, inclusive, covered the neighborhood, hand, and building industries, as well as the factory industries, while the reports for 1904 and 1909 were confined to factory industries. The statistics for 1899 obtained at the decennial census of 1900, although originally taken on the broader basis, have, for the purpose of comparison with later censuses, been reduced to the factory basis by eliminating as far as possible the neighborhood, hand, and building trades, but no such elimination is possible with respect to the earlier censuses. For this reason the statistics for years prior to 1899 are not entirely comparable with those for 1904 and 1909. Nevertheless, for the purpose of showing in a rough way the movement during each decade since 1850, the following summary table is presented. Two sets of figures are given in this table for 1899, the one including the neighborhood, hand, and building trades, in order to make the data comparable with those for preceding censuses, and the other excluding them in order to make the figures comparable with those for later censuses. The values and wages for 1869 have been reduced to a gold basis, inasmuch as the figures as reported would, because of the inflation of the currency at that time, exaggerate the increase from 1859 to 1869, and understate the increase from 1869 to 1879.

Table 3

	Number of establishments.	Capital.	Wage earners (average number).	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
Factories and hand and neighborhood industries:							
1849 (census of 1850).....	123,025	\$53,245,000	957,059	\$226,755,000	\$55,124,000	\$1,019,107,000	\$463,983,000
1859 (census of 1860).....	140,433	1,009,886,000	1,311,246	378,879,000	1,031,665,000	1,885,862,000	854,257,000
Per cent of increase, 1849 to 1859.....	14.1	89.4	37.0	60.0	85.8	85.0	84.1
1869 (census of 1870) (gold value).....	232,148	1,694,567,000	2,053,996	620,467,000	1,990,742,000	3,385,860,000	1,395,118,000
Per cent of increase, 1859 to 1869.....	79.6	67.8	56.6	63.8	93.0	79.5	63.3
1879 (census of 1880).....	253,832	2,790,273,000	2,732,595	947,954,000	3,396,824,000	5,369,579,000	1,972,755,000
Per cent of increase, 1869 to 1879.....	0.7	64.7	33.0	52.8	90.6	74.5	41.4
1889 (census of 1890).....	355,405	6,525,051,000	4,251,535	1,891,210,000	5,162,014,000	9,372,379,000	4,210,365,000
Per cent of increase, 1879 to 1889.....	40.0	133.8	55.6	99.5	52.0	74.5	113.4
1899 (census of 1900).....	512,191	9,813,834,000	5,306,143	2,320,938,000	7,343,628,000	13,000,149,000	5,656,521,000
Per cent of increase, 1889 to 1899.....	44.1	50.4	24.8	22.7	42.3	38.7	34.3
Factories, excluding hand and neighborhood industries:							
1849 (census of 1850).....	207,514	8,975,256,000	4,712,763	2,008,361,000	6,575,851,000	11,406,927,000	4,831,076,000
1904 (census of 1905).....	216,180	12,675,581,000	5,468,383	2,610,445,000	8,500,208,000	14,793,903,000	6,293,695,000
Per cent of increase, 1849 to 1904.....	4.2	41.2	16.0	30.0	29.3	29.7	30.3
1909 (census of 1910).....	268,491	18,428,270,000	6,615,046	3,427,038,000	12,142,791,000	20,672,052,000	8,529,261,000
Per cent of increase, 1904 to 1909.....	24.2	45.4	21.0	31.3	42.9	39.7	35.5
Per cent of increase, 1899 to 1909.....	29.4	105.3	40.4	70.6	84.7	81.2	76.6

This table shows that, although the returns for 1849 included neighborhood, hand, and building trades and those for 1909 did not, nevertheless the value of products in the latter year was over twenty times as great as the value reported 60 years before. During the same time the number of wage earners employed increased almost sixfold.

As judged by the number of wage earners, the decade showing the greatest percentage of increase was that from 1859 to 1869, during which the average number of wage earners increased 56.6 per cent. The decade 1879

to 1889 also showed an exceptionally high percentage of increase in this respect, while the next largest percentage of increase occurred during the decade from 1899 to 1909. As respects value of products, the percentage of increase during the past decade exceeds that in any other except the decade from 1849 to 1859; but in value added by manufacture, the percentage of increase during the past 10 years falls below that from 1879 to 1889, as well as that from 1849 to 1859.

The absolute increases shown for the various items covered by the table during the decade 1899 to 1909

were much greater than during any other decade; the increase in value of products, in fact, almost equaled the total value of all manufactured products in 1889.

Leading industries.—The relative importance of the leading manufacturing industries in the United States in 1909 and their growth from 1899 to 1909 are shown in Table 4, which includes the industries having a gross value of products in 1909 of \$100,000,000 or more. The industries are arranged in the order of the value of products. The table also shows the rank of the industries listed, not only with respect to value of products, but with respect to number of wage earners employed and value added by manufacture, and the percentage of the total of each of these items for all industries combined which is represented by each specified industry. While the column of rank under "Value of products" represents correctly the order of the industries named among all the industries of the country, the ranking shown with reference to number of wage earners and value added by manufacture relates only to the relative order of the industries covered by this particular table. There are various industries not named which rank higher in these respects than some of the industries listed in the table.

The number of wage earners and the value added by manufacture are, at least from certain standpoints, a better measure of the relative importance of manufacturing industries than the gross value of products. In some industries the value of the materials used constitutes by far the larger part of the total value of products, the manufacturing process involving the addition of only a small amount of labor cost and other expenses and of manufacturer's profit to the cost of the materials. Moreover, in some of the industries there is a much greater duplication in the gross value of products than in others. This duplication, of course, does not appear in the value added by manufacture.

In considering the ranking of the industries in Table 4, it should be borne in mind that some of the industries specified are in a sense groups of industries rather than single industries. As stated in the Introduction, in certain cases, in order to avoid a misleading understatement of the importance of the production of a given minor class of commodities, the returns for establishments making these commodities as their sole or principal product have had to be combined with those of establishments in larger industries which produce primarily other commodities, but which incidentally make a large part of the distinctive products in question. In a few instances where a similar condition exists, however, it was deemed best not to make such a combination of industries. As also stated in the Introduction, the report for each establishment, as a whole, has been assigned to a given class of industry according to its products of chief value, so that the figures for any given class must not be taken either as fully covering or as represent-

ing exclusively the operations of that branch of manufacturing indicated by the industry designation.

The following explanations show the scope of those classifications in the table which are not on their face entirely clear:

Slaughtering and meat packing.—This classification includes the wholesale slaughtering and meat-packing establishments and those engaged in the manufacture of sausage, but not the numerous retail butcher shops which in the aggregate slaughter a large number of animals. It includes the manufacture of many by-products, some of which are carried to a high degree of elaboration.

Foundry and machine-shop products.—This industry includes all allied industries excepting those which manufacture a distinctive product indicated by some other classification, such as cash registers, calculating machines, sewing machines, and electrical machinery. The establishments engaged in the manufacture of bells, gas machines and gas and water meters, hardware, plumbers' supplies, saddlery hardware, steam fittings, structural ironwork, and cast-iron and cast-steel pipe, some of which were reported under separate classifications at previous censuses, are all included under this general heading.

Lumber and timber products.—This industry embraces logging operations, ordinary sawmills, planing mills, and establishments engaged in the manufacture of wooden packing boxes. It does not include statistics of mills engaged exclusively in custom sawing for local consumption.

Iron and steel, steel works and rolling mills.—This industry embraces the manufacture of steel and the hot rolling of iron and steel. It also includes the making of forgings and castings and the manufacture of rolled iron and steel into more highly finished forms when conducted as a part of the rolling-mill operations, as well as the few extant forges and bloomeries. It does not, however, include the making of cold-rolled products, nor of forgings, castings, and manufactures of iron and steel by establishments not equipped with steel-making furnaces or hot trains of rolls.

Flour-mill and gristmill products.—This classification includes statistics for all mills grinding wheat, rye, or buckwheat flour, or corn meal, hominy, grits, or feed, but it does not include statistics for mills doing custom grinding exclusively, or for factories making fancy cereal food or other special food preparations as a chief product.

Printing and publishing.—This classification includes job-printing establishments, the printing and publishing of books, newspapers and periodicals, and music, bookbinding, steel engraving, and lithographing.

Cotton goods, including cotton small wares.—In addition to the statistics for cotton mills proper, there are included under this head the statistics for establishments that make a specialty of small wares, such as

braids, tapes, bindings, corset and shoe laces, and the like.

Clothing, men's, including shirts.—This classification includes the making of men's and boys' ready-made clothing; the making of overalls, butchers' aprons, bathing suits, and gymnasium clothing; and the manufacture of all kinds of shirts—cotton, linen, flannel, etc.—as well as shirt bosoms and shirt waists for men and boys.

Boots and shoes, including cut stock and findings.—Under this head are included not only factories making the finished product, but those doing the whole or part of the work on materials furnished by others, as well as shops doing stitching, crimping, fitting, and bottoming, or performing other special operations. The manufacture of footwear not coming strictly under the head of boots and shoes, such as overgaiters, moccasins, and leggings, is also covered by this designation. It does not include the manufacture of rubber boots and shoes.

Clothing, women's.—Besides the making of suits, dresses, skirts, and shirt waists, this industry includes the manufacture of women's underwear and night robes, of infants' clothing, and of such articles as aprons, linings, belts, dress shields, and hose supporters.

Sugar and molasses, not including beet sugar.—Under this classification are included the manufacture of sugar and of some by-products of the sugar industry, such as molasses and sirup, and also the operations of sugar refineries, together with the manufacture of maple sugar. It does not, however, include the small plantation or custom sugar mills.

Furniture and refrigerators.—This industry embraces the manufacture of wood and metal furniture of all kinds, store and office fixtures, and refrigerators and ice boxes, except where such products are provided for by a distinct classification, such as show cases.

Copper, tin, and sheet-iron products.—This classification comprises the manufacture of sheet-metal products of copper, tin, and iron, including the preparation of copper, tin, or sheet-iron material for building construction. It includes the factory work on cornices, skylights, roofing, etc., but does not include the erection or installation of the same.

Canning and preserving.—This industry includes the canning and preserving of fruits and vegetables, fish, oysters, clams, etc., and the manufacture of pickles, preserves, jellies, sauces, etc. It includes the preparation of pickled, smoked, and dried fish, and the packing of dried fruits by packing houses which make a specialty of such business, but does not include the drying and packing of fruits by the grower on the farm, nor does it include the canning of meats, soups, and similar products in meat-packing establishments. The statistics for which are included with those for the slaughtering and meat-packing industry.

Patent medicines and compounds and druggists' preparations.—Under this head are included establishments making so-called patent medicines, and also some compounds that are not used for medicinal purposes, and the manufacture of capsules, extracts, tinctures, and other pharmaceutical preparations, together with perfumery and cosmetics.

Chemicals.—This classification includes establishments engaged primarily in the manufacture of acids, sodas, potashes, alums, coal-tar products, cyanides, bleaching materials, plastics, compressed or liquefied gases, alkaloids, gold, silver, and platinum salts, chloroform, ether, and other fine chemicals, glycerin, epsom salts, copperas, blue vitriol, and other bases and salts, when they are made as a chief product by the establishment reporting. Chemical substances produced by the aid of electricity are presented in a group by themselves. Chemicals of the class above specified are frequently manufactured as by-products by establishments classified in the census reports under a different head, for example, by establishments making patent medicines and compounds and druggists' preparations, soap, fertilizers, baking powders, and flavoring extracts; by refiners of coal tar for use as roofing material; by smelters and refiners of lead and zinc; and by establishments engaged in the manufacture of sulphuric, nitric, and mixed acids and of explosives, in wood distillation, and in making tin and terne plate.

It will be seen from Table 4 that some of the industries that hold a very high rank in gross value of products rank comparatively low in the number of wage earners employed and in the value added by manufacture. Where this is the case it indicates that the cost of materials represents a large proportion of the total value of products, and that therefore the value added by manufacture, of which wages constitute usually the largest item, is not commensurate with the total value of products. Thus the slaughtering and meat-packing industry, which ranks first in gross value of products, and the flour-mill and gristmill industry, which ranks fifth in that respect, both hold a comparatively low rank with regard to number of wage earners and value added by manufacture. The blast-furnace industry, the smelting and refining of copper, the manufacture and refining of sugar and molasses, the manufacture of butter, cheese, and condensed milk, the refining of petroleum, and the smelting and refining of lead are other industries which rank much higher in gross value of products than in the number of wage earners or the value added by manufacture.

There are several industries the rank of which according to the number of wage earners and the value added by manufacture is decidedly higher than the rank according to value of products; in other words, the cost of materials is relatively a smaller part of the total value of products for these industries than for

most others. Among the industries of this class are the making of women's clothing, the manufacture of automobiles, furniture, electrical machinery, apparatus, and supplies, hosiery and knit goods, silk goods, and agricultural implements, and the confectionery and marble and stone work industries.

The foundry and machine-shop industry, the lumber industry, the steel works and rolling mills, the printing and publishing industry, the manufacture of cotton goods, of men's clothing, and of boots and shoes all rank among the first 10 industries in the table on

each of the three bases shown in the table. The figures for both value of products and value added by manufacture in the case of the brewery and distillery industries include a very large amount of tax paid to the Federal Government, and are therefore misleading as an indication of the relative importance of these industries from a purely manufacturing standpoint. That importance is best shown by their ranking in number of wage earners; in this respect the brewery industry ranks twenty-fifth among the industries listed, and the distillery industry forty-third.

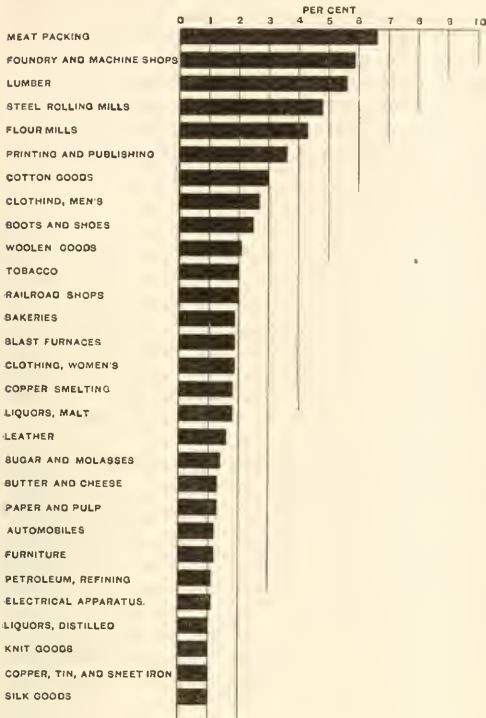
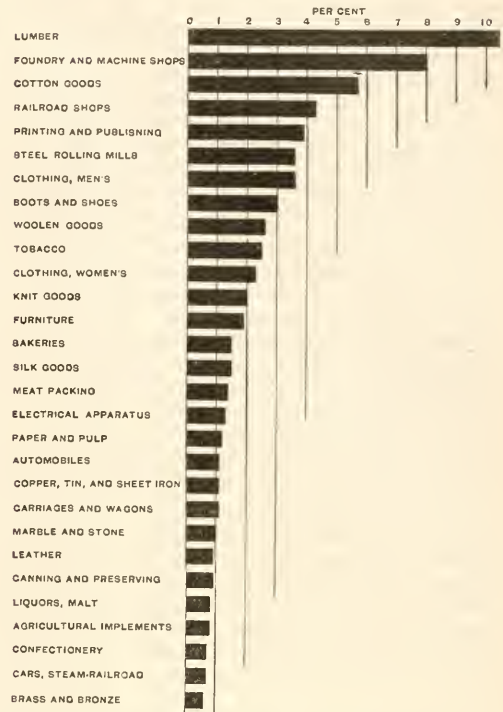
Table 4

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		PER CENT OF INCREASE. ¹									
		Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Wage earners (average number).		Value of products.		Value added by manufacture.					
								Rank.	Rank.	Rank.	Rank.	1904-1909	1899-1904	1904-1909	1899-1904	1904-1909	1899-1904
												1904-1909	1899-1904	1904-1909	1899-1904	1904-1909	1899-1904
All industries.....	268,491	6,615,046	100.0	\$20,672,052	100.0	\$8,529,261	100.0	21.0	18.0	39.7	29.7	35.5	30.3				
Slaughtering and meat packing.....	1,641	89,728	16	1.4	1,370,568	1	6.6	167,740	13	2.0	19.0	8.9	48.6	17.0	51.6	7.3	
Foundry and machine-shop products.....	13,253	551,011	2	8.0	1,228,475	2	5.9	688,464	1	8.1	19.8	3.8	39.5	10.3	34.2	17.8	
Lumber and timber products.....	49,071	698,019	1	10.5	1,156,129	3	5.6	648,911	2	7.0	30.5	4.7	30.7	16.2	23.7	32.3	
Iron and steel, steel works and rolling mills.....	446	240,076	6	3.6	985,723	4	4.8	328,222	4	3.9	15.7	13.3	46.3	12.9	41.0	12.8	
Flour-mill and gristmill products.....	11,691	39,453	30	0.6	883,584	5	4.3	116,068	18	1.4	0.9	21.4	23.9	42.2	24.7	27.0	
Printing and publishing.....	31,445	258,434	5	3.9	737,876	6	3.6	536,101	3	6.3	18.0	12.2	33.2	39.8	30.8	40.6	
Cotton goods, including cotton small wares.....	1,324	378,880	3	5.7	628,392	7	3.0	257,383	7	3.0	10.9	4.3	39.5	32.8	56.7	1.0	
Clothing, men's, including shirts.....	6,354	239,696	7	3.6	568,077	8	2.7	270,562	6	3.2	38.0	10.2	39.7	25.6	38.5	25.5	
Boots and shoes, including cut stock and findings.....	1,918	198,297	8	3.0	452,798	9	2.5	180,690	10	2.1	23.7	6.0	43.4	23.3	36.0	34.3	
Woolen, worsted, and felt goods, and wool hats.....	985	168,722	9	2.6	438,979	10	2.1	153,101	15	1.8	15.0	12.3	36.5	28.4	33.4	20.0	
Tobacco manufactures.....	15,822	166,810	10	2.5	416,695	11	2.0	239,509	8	2.8	4.6	20.3	25.8	25.6	16.8	20.0	
Cars and general shop construction and repairs by steam-railroad companies.....	1,145	282,174	4	4.3	405,601	12	2.0	206,188	9	2.4	19.1	36.0	30.9	42.0	29.9	46.0	
Bread and other bakery products.....	23,926	100,216	14	1.5	396,865	13	1.9	158,831	14	1.9	23.3	35.4	47.2	53.7	39.8	41.4	
Iron and steel, blast furnaces.....	208	38,429	31	0.6	391,429	14	1.9	70,791	30	0.8	9.6	-10.6	68.8	12.1	33.9	-29.7	
Clothing, women's.....	4,558	153,743	11	2.3	384,752	15	1.9	175,964	11	2.1	32.9	38.2	55.4	55.4	50.5	56.7	
Smelting and refining, copper.....	38	15,628	38	0.2	378,806	16	1.8	45,274	36	0.5	22.6	12.6	57.3	45.8	2.8	2.5	
Liquors, malt.....	1,414	54,579	25	0.8	374,730	17	1.8	278,134	5	3.3	13.4	22.0	25.6	25.9	24.5	20.6	
Leather, tanned, curried, and finished.....	919	92,202	23	0.9	327,874	18	1.6	79,395	27	0.9	8.7	9.8	29.8	23.8	29.5	23.3	
Sugar and molasses, not including beet sugar.....	233	13,526	41	0.2	279,249	19	1.4	31,666	41	0.4	-0.2	-4.1	0.7	15.7	-2.7	77.5	
Butter, cheese, and condensed milk.....	8,479	18,431	39	0.3	274,558	20	1.3	39,012	39	0.5	18.5	21.5	63.2	28.6	54.4	15.1	
Paper and wood pulp.....	777	75,978	18	1.2	267,657	21	1.3	102,215	21	1.2	15.2	32.9	41.8	48.2	32.0	36.4	
Automobiles, including bodies and parts.....	743	75,721	19	1.1	240,202	22	1.2	117,556	17	1.4	528	437.7	739.7	532.6	506.3	473.5	
Furniture and refrigerators.....	3,155	128,452	13	1.9	239,887	23	1.2	131,112	16	1.5	12.5	26.0	34.9	36.1	29.9	37.8	
Petroleum, refining.....	147	13,929	40	0.2	236,998	24	1.1	37,725	40	0.4	-16.9	37.4	35.4	41.2	5.9	69.0	
Electrical machinery, apparatus, and supplies.....	1,009	87,256	17	1.3	221,309	25	1.1	112,740	20	1.3	44.3	43.9	57.2	52.3	52.4	72.1	
Liquors, distilled.....	613	6,430	43	0.1	294,699	26	1.0	168,722	12	2.0	20.1	44.0	55.9	35.6	59.7	29.4	
Hosiery and knit goods.....	1,574	129,275	12	2.0	200,144	27	1.0	89,903	23	1.1	24.2	24.4	46.0	44.0	49.1	35.1	
Copper, tin, and sheet-iron products.....	4,228	73,615	20	1.1	199,824	28	1.0	87,242	25	1.0	38.8	38.4	66.6	53.1	55.8	56.6	
Silk and silk goods, including throwsters.....	852	99,037	15	1.5	196,912	29	1.0	89,145	24	1.0	24.4	21.7	24.3	55.2	28.0	28.0	
Smelting and refining, lead.....	28	7,424	42	0.1	167,406	30	0.8	15,443	43	0.2	-2.0	-0.0	-9.9	5.9	-8.5	-46.1	
Gas, illuminating and heating.....	1,296	37,215	32	0.6	166,814	31	0.8	114,386	19	1.3	21.8	36.1	33.3	65.3	30.0	59.6	
Carriages and wagons and materials.....	5,492	69,928	21	1.1	159,893	32	0.8	77,942	28	0.9	-10.2	5.5	2.6	12.7	-0.5	9.6	
Canning and preserving.....	3,767	59,968	24	0.9	157,101	33	0.8	55,278	31	0.7	5.3	-0.1	20.4	31.3	16.8	32.7	
Brass and bronze products.....	1,021	40,618	29	0.6	149,989	34	0.7	50,761	34	0.6	22.5	22.1	46.5	15.5	38.1	33.8	
Oil, cottonseed, and cake.....	817	17,071	37	0.3	147,868	35	0.7	28,653	42	0.3	9.9	41.2	53.4	64.2	71.2	20.8	
Agricultural implements.....	640	50,551	26	0.8	146,329	36	0.7	86,022	26	1.0	6.7	1.7	30.6	10.7	35.0	11.3	
Patent medicines and compounds and druggists' preparations.....	3,642	22,895	35	0.3	141,942	37	0.7	91,566	22	1.1	11.8	7.6	20.9	32.3	17.5	37.1	
Confectionery.....	1,944	44,638	27	0.7	134,796	38	0.7	53,645	32	0.6	23.2	34.9	54.8	43.6	40.1	51.4	
Paint and varnish.....	791	14,240	39	0.2	124,889	39	0.6	45,873	35	0.5	22.4	20.0	37.5	30.6	47.9	24.9	
Cars, steam-railroad, not including operations of railroad companies.....	110	43,086	28	0.7	123,730	40	0.6	44,977	37	0.5	26.5	1.8	11.3	22.8	26.6	23.5	
Chemicals.....	349	23,714	34	0.4	117,683	41	0.6	53,567	33	0.6	19.7	4.1	56.5	20.1	61.5	18.0	
Marble and stone work.....	4,964	65,033	22	1.0	115,093	42	0.5	75,636	29	0.9	28.4	22.6	33.3	33.3	29.9	38.4	
Leather goods.....	2,355	34,907	33	0.5	104,719	43	0.5	44,692	38	0.5	2.1	10.8	27.5	35.9	18.0	38.5	
All other industries.....	61,887	1,048,441	.....	24.9	4,561,002	.....	22.0	2,084,399	.....	24.4	18.5	23.9	41.8	41.5	36.6	47.1

¹ Per cent of increase is based on figures in Table 110. A minus sign (-) denotes decrease.

The table shows very great differences among the several industries with respect to the percentages of increase in the number of wage earners, value of products, and value added by manufacture. The great majority of the industries, however, show an

increase in each of these items for each of the five-year periods, the exceptions being the sugar industry and the smelting and refining of lead, which show a decrease in one or more items for each five-year period; the refining of petroleum, which shows a

PER CENT DISTRIBUTION OF VALUE OF PRODUCTS,
BY INDUSTRIES: 1909.PER CENT DISTRIBUTION OF AVERAGE NUMBER OF
WAGE EARNERS, BY INDUSTRIES: 1909.

decrease in one item, and the manufacture of carriages and wagons, which shows a decrease in two items, for the period 1904 to 1909; and the blast-furnace industry and the canning and preserving industry, which show a decrease in one item each during the period 1899 to 1904.

By far the highest percentages of increase are shown for the automobile industry, the gross value of products of which increased more than sevenfold during the five years 1904 to 1909, and more than fiftyfold during the decade as a whole. Other industries which show exceptionally large increases for both five-year periods in all three items are the making of men's and of women's clothing, the bakery and the butter, cheese, and condensed-milk industries, the manufacture of electrical machinery, apparatus, and supplies, and of copper, tin, and sheet-iron products, the distillery industry, the manufacture of hosiery and knit goods and of silk and silk goods, the illuminating-gas industry, the manufacture of brass and bronze products, and the confectionery, paint and varnish, and marble and stone work industries. It is interesting to note that the group of "all other industries," which in-

cludes the less important industries of the country, shows greater percentages of increase than all industries combined, thus indicating possibly an increased tendency toward diversification in manufacturing industries.

The percentage of increase in all three of the items—number of wage earners, gross value of products, and value added by manufacture—was greater during the second five-year period (1904 to 1909) than during the first (1899 to 1904) in the slaughtering and meat-packing and foundry and machine-shop industries, the manufacture of cotton goods, the men's clothing, boot and shoe, and woolen-goods industries, the smelting and refining of copper, the manufacture of automobiles, silk and silk goods, brass and bronze products, agricultural implements, and paint and varnish, the steel works and rolling mills, and the chemical industry. On the other hand, the percentage of increase in all three items was less during the later five-year period than during the earlier in the flour-mill and gristmill, railroad repair shop, bakery, women's clothing, paper and wood pulp, petroleum refining, furniture, illuminating gas, carriage and wagon, and leather-goods industries.

In all the other industries covered by the table the increases during the second period are in some items greater than during the first period, while in other items they are less, or else the industry shows a decrease during one or both periods.

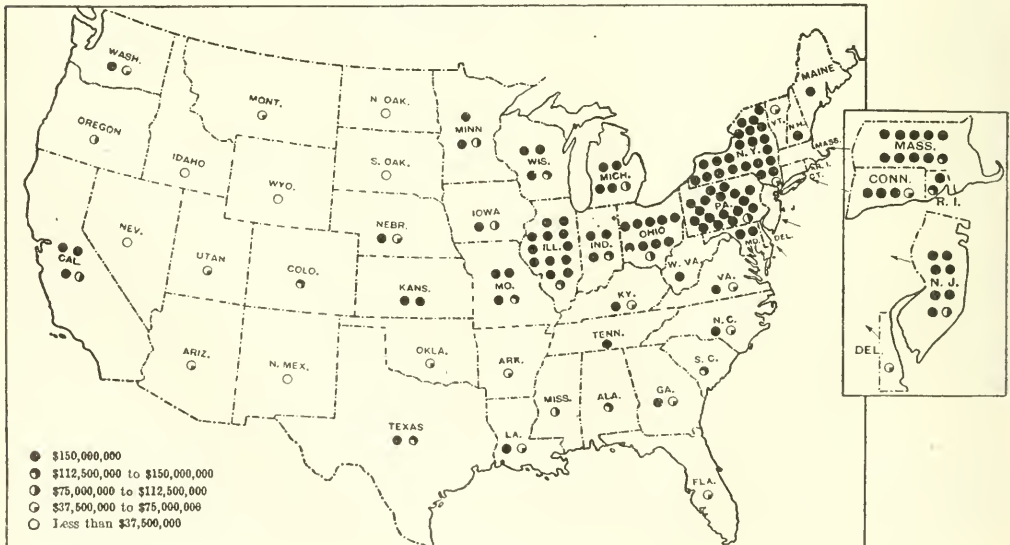
In considering the relative importance of the industries shown in Table 110 and not included in Table 4, it should be noted that there are several industries listed the figures given for which fall far short of being a complete presentation of the statistics for that branch of manufactures covered by the industry designation, for the reason that they cover only establishments engaged primarily in manufacturing the class of products indicated by this designation, while large quantities of the same products are manufactured incidentally by establishments classified under other heads. Some conspicuous examples are the manufacture of glue, candles, lard, and fertilizers, and the dyeing and finishing of textiles. A large proportion of the glue, lard, and fertilizers are manufactured by slaughtering and meat-packing establishments, and quantities of fertilizers are also made in cottonseed-oil mills. The dyeing and finishing of textiles is done largely in the establishments that manufacture the fabric. Candles are manufactured in establishments classified under the head of "soap" and in those engaged in the manufacture of petroleum products. For reasons of this character the roasting and grinding of coffee and spice, and the manufacture of fertilizers, food preparations, and rubber goods, and the soap industry, for each of which products valued at over \$100,000,000 were reported, are not shown in Table 4.

Summary by states and geographic divisions.—Table 5 on the next page shows, for each state, the population, also the number of wage earners, value of products, and value added by manufacture in 1909, together with the rank of the state with respect to each of these items and the percentage of the total reported from each state. It also shows the percentage of increase with respect to each of these three items from 1904 to 1909 and from 1899 to 1904, respectively. The states are arranged in the order of their rank with respect to value of products.

The first seven states in respect to value of products are also the first seven in respect to number of wage earners and value added by manufacture. Each of these seven states has the same rank in all three respects except that Illinois, which is third in value of products and value added by manufacture, ranks fourth in number of wage earners, Massachusetts advancing to third place. These seven states together reported over three-fifths of the total value of manufactured products for the United States.

Most of the other states show approximately the same rank in each of the three items, but there are several states in which, because of the large proportion which the cost of materials represents of the total value of products, the rank according to value of products is materially higher than that in number of wage earners or in value added by manufacture. This is particularly true of states in which the flour-mill and slaughtering industries are the most important. The most noteworthy case of this character is Kansas, which ranks four-

VALUE OF PRODUCTS OF MANUFACTURES: 1909.



teenth in value of products, but only thirty-third in number of wage earners and twenty-eighth in value added by manufacture.

With only one exception all of the states show an increase in each of the three items from 1904 to 1909; in Montana, however, the value added by manufacture shows a decrease for this period, due largely to merely technical differences in methods of accounting in the smelting industry, which is the principal one in that state. A few of the states showed a decrease in one or more items for the period 1899 to 1904.

The greatest percentages of increase are naturally in those states in which the development of manufacturing industries is comparatively recent. Thus Texas, Washington, Oregon, Utah, Oklahoma, Idaho, North Dakota, and Nevada show exceptionally high rates of increase for both five-year periods. Among the 10 states which are most important in manufacturing the most conspicuous advances are in Ohio, New Jersey, and Michigan. The absolute increase, as distinguished from the percentage of increase, was greater in New York, the leading manufacturing state, than in any other state.

Table 5

STATE.	Population.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		PER CENT OF INCREASE. ¹					
			Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Wage earners (average number).		Value of products.		Value added by manufacture.	
									1904-1909	1899-1904	1904-1909	1899-1904	1901-1909	1899-1904
United States.....	91,972,266	268,491	6,615,046	100.0	\$20,672,062	100.0	\$8,529,261	100.0	21.0	18.0	39.7	29.7	35.5	30.3
New York.....	9,113,614	44,935	1,003,981	15.2	3,369,490	16.3	1,512,586	17.7	17.2	17.9	35.4	32.9	32.7	33.5
Pennsylvania.....	7,665,111	27,562	877,543	13.2	2,626,742	12.7	1,044,182	12.2	15.0	15.0	34.3	18.5	28.5	17.5
Illinois.....	5,638,591	18,026	465,764	7.0	1,919,277	9.3	758,550	8.9	22.8	14.0	36.1	25.8	33.0	29.9
Massachusetts.....	3,266,416	11,884	884,559	13.2	1,400,529	6.8	659,764	7.7	19.7	11.4	32.6	23.8	32.6	21.7
Ohio.....	4,767,121	15,138	446,934	6.7	1,437,936	7.0	613,734	7.2	22.7	18.2	49.7	28.3	41.7	27.0
New Jersey.....	2,537,167	8,817	326,223	4.9	1,145,529	5.5	425,496	5.0	22.5	24.5	47.9	40.0	40.0	39.2
Michigan.....	2,810,173	9,159	231,499	3.5	685,109	3.3	316,497	3.7	32.1	12.3	59.7	34.2	59.0	38.5
Wisconsin.....	2,333,860	9,721	182,583	2.8	590,306	2.9	243,949	2.9	20.6	10.1	48.6	25.8	32.7	30.4
Indiana.....	2,700,876	7,969	186,984	2.8	579,075	2.8	244,700	2.9	21.3	10.9	47.0	16.9	41.1	22.2
Missouri.....	3,293,335	8,375	152,993	2.3	574,111	2.8	219,700	2.6	14.9	23.6	30.6	39.0	17.3	41.8
California.....	2,377,549	9,679	115,296	1.7	529,761	2.6	204,523	2.4	14.9	30.0	44.2	42.7	35.0	63.8
Connecticut.....	1,114,756	4,251	210,792	3.2	490,272	2.4	233,013	2.7	16.1	13.7	32.8	17.1	31.1	22.2
Minnesota.....	2,075,708	5,561	84,767	1.3	409,420	1.9	127,798	1.5	21.7	7.9	33.0	37.0	31.3	52.6
Kansas.....	1,730,949	3,435	44,215	0.7	325,104	1.6	66,220	0.8	24.8	11.4	64.0	28.7	58.7	25.4
Maryland.....	1,295,346	4,837	107,921	1.6	315,669	1.5	116,630	1.4	14.6	(*)	29.7	15.3	24.9	14.0
Rhode Island.....	542,610	1,951	113,538	1.7	280,344	1.4	122,152	1.4	16.7	10.3	35.7	22.1	36.9	15.2
Texas.....	3,896,542	4,888	70,220	1.1	272,896	1.3	94,717	1.1	43.1	27.1	31.3	62.0	60.7	53.0
Iowa.....	2,224,771	5,528	61,635	0.9	259,238	1.2	88,531	1.0	24.6	11.4	40.1	28.0	53.4	22.6
Louisiana.....	1,656,388	2,516	76,165	1.2	223,949	1.1	89,084	1.0	36.4	36.6	40.2	67.3	28.5	92.7
Kentucky.....	2,289,905	4,776	65,400	1.0	223,754	1.1	111,975	1.3	9.4	15.6	40.1	26.3	53.0	23.9
Washington.....	1,141,990	3,674	69,120	1.0	220,746	1.1	102,858	1.2	52.9	43.4	71.4	81.9	64.2	92.5
Virginia.....	2,061,612	5,676	105,676	1.6	219,794	1.1	94,211	1.0	31.6	21.1	47.7	37.0	44.5	32.3
North Carolina.....	2,206,287	4,931	121,473	1.8	216,656	1.0	94,794	1.1	42.3	18.0	52.0	67.1	49.9	56.5
Georgia.....	2,606,124	4,792	64,042	1.0	302,856	1.5	83,833	1.0	12.8	11.4	34.8	27.4	49.2	49.2
Nebraska.....	1,192,214	2,500	24,336	0.4	199,019	2.5	47,938	0.6	20.1	8.5	28.5	18.9	55.3	-10.2
Tennessee.....	2,184,789	4,609	73,840	1.1	180,217	0.9	76,201	0.9	21.9	31.8	36.6	48.7	30.0	53.5
Maine.....	742,371	3,546	79,955	1.2	176,029	0.7	78,928	0.9	6.7	7.2	25.2	27.5	23.4	22.9
New Hampshire.....	430,572	1,961	78,658	1.2	164,581	0.8	66,424	0.7	20.3	-3.4	33.1	14.9	31.8	6.3
West Virginia.....	1,221,119	2,586	63,893	0.9	161,950	0.8	69,072	0.8	46.0	32.3	63.5	47.8	54.8	49.8
Alabama.....	2,138,093	3,398	72,148	1.1	145,962	0.7	62,519	0.7	16.0	18.0	33.7	51.4	28.3	42.8
Colorado.....	799,024	2,034	28,067	0.4	130,044	0.6	49,553	0.6	28.7	11.9	29.9	12.4	33.3	30.8
South Carolina.....	1,515,400	1,854	73,046	1.1	113,236	0.5	46,885	0.5	22.9	26.4	42.7	48.8	59.4	28.8
Oregon.....	672,765	2,246	28,750	0.4	83,005	0.4	42,453	0.5	55.2	28.1	67.5	51.7	74.3	57.7
Mississippi.....	1,797,114	2,598	30,384	0.4	80,555	0.4	43,629	0.5	30.2	44.4	40.2	70.4	37.8	84.3
Arkansas.....	1,574,449	2,925	44,882	0.7	74,916	0.4	39,981	0.5	35.9	5.0	39.1	35.0	24.7	48.5
Montana.....	376,053	877	11,655	0.2	75,272	0.4	24,092	0.3	30.1	-9.1	10.3	25.9	-5.5	12.4
Florida.....	81,371	1,159	57,473	0.9	232,890	1.1	46,762	0.5	36.3	18.7	44.9	47.1	38.5	58.3
Vermont.....	355,956	1,958	33,788	0.4	68,310	0.3	33,487	0.4	2.1	17.5	8.3	22.5	9.2	22.0
Utah.....	373,351	749	11,785	0.2	61,989	0.3	20,723	0.2	46.4	48.8	59.2	116.5	48.2	113.8
Oklahoma.....	1,657,155	2,310	13,143	0.2	53,682	0.3	19,529	0.2	140.9	129.1	119.5	200.7	142.1	198.3
Delaware.....	202,322	726	21,238	0.3	52,840	0.3	21,902	0.3	15.0	-10.2	28.4	-0.4	34.6	-1.9
Arizona.....	204,354	311	6,441	0.1	50,257	0.2	16,657	0.2	34.4	53.3	79.0	37.4	23.5	7.4
District of Columbia.....	331,069	518	7,707	0.1	25,289	0.1	15,042	0.2	22.4	2.3	37.7	11.8	41.5	18.7
Idaho.....	325,594	725	6,220	0.1	22,400	0.1	12,480	0.1	168.5	97.2	158.4	192.2	158.5	200.9
North Dakota.....	577,056	752	2,789	0.0	19,138	0.1	5,464	0.1	58.9	29.2	87.3	63.2	75.0	48.0
South Dakota.....	583,888	1,020	3,602	0.0	17,870	0.1	6,394	0.1	44.5	12.0	36.6	37.3	45.7	44.1
Nevada.....	81,371	177	2,357	0.0	11,837	0.1	3,331	0.0	181.4	59.1	283.9	145.5	139.8	145.1
New Mexico.....	327,301	313	4,143	0.1	7,898	0.1	4,637	0.1	19.1	39.7	38.4	40.5	33.1	68.3
Wyoming.....	145,965	268	2,867	0.0	6,249	0.0	3,641	0.0	56.3	-11.0	77.4	7.8	63.9	17.1

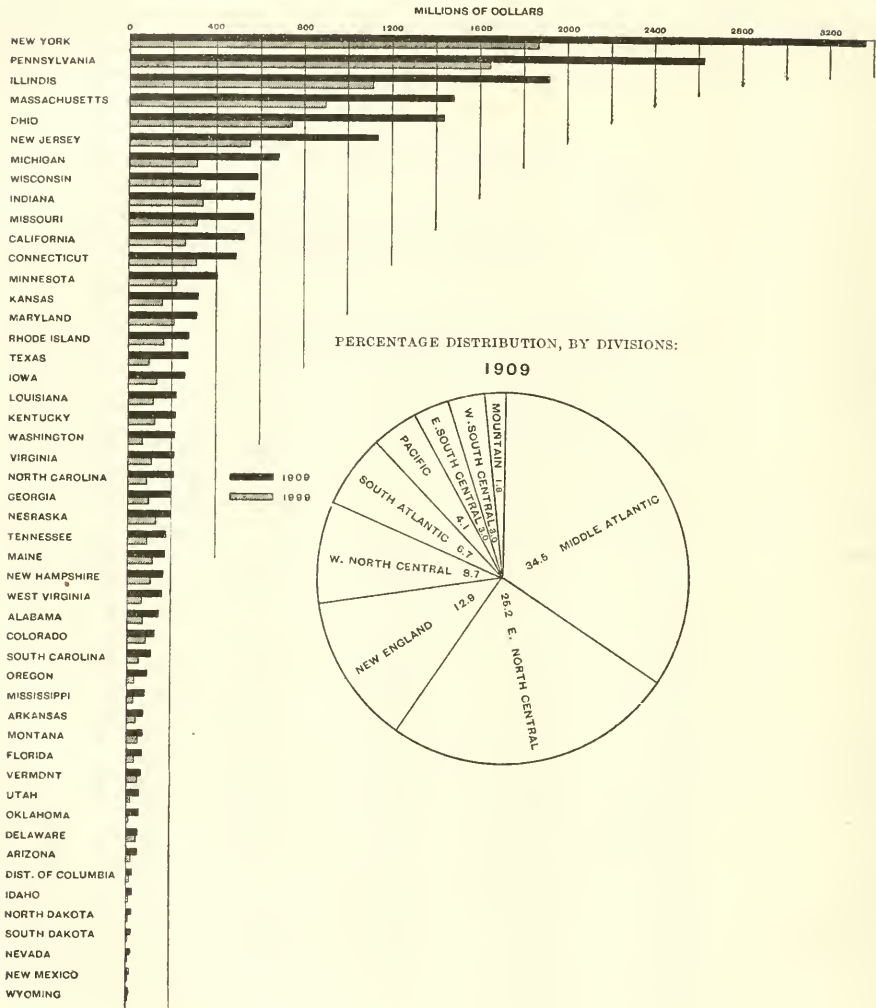
¹ Per cent of increase is based on figures in Table 111. A minus sign (-) denotes decrease.

² Less than one-tenth of 1 per cent.

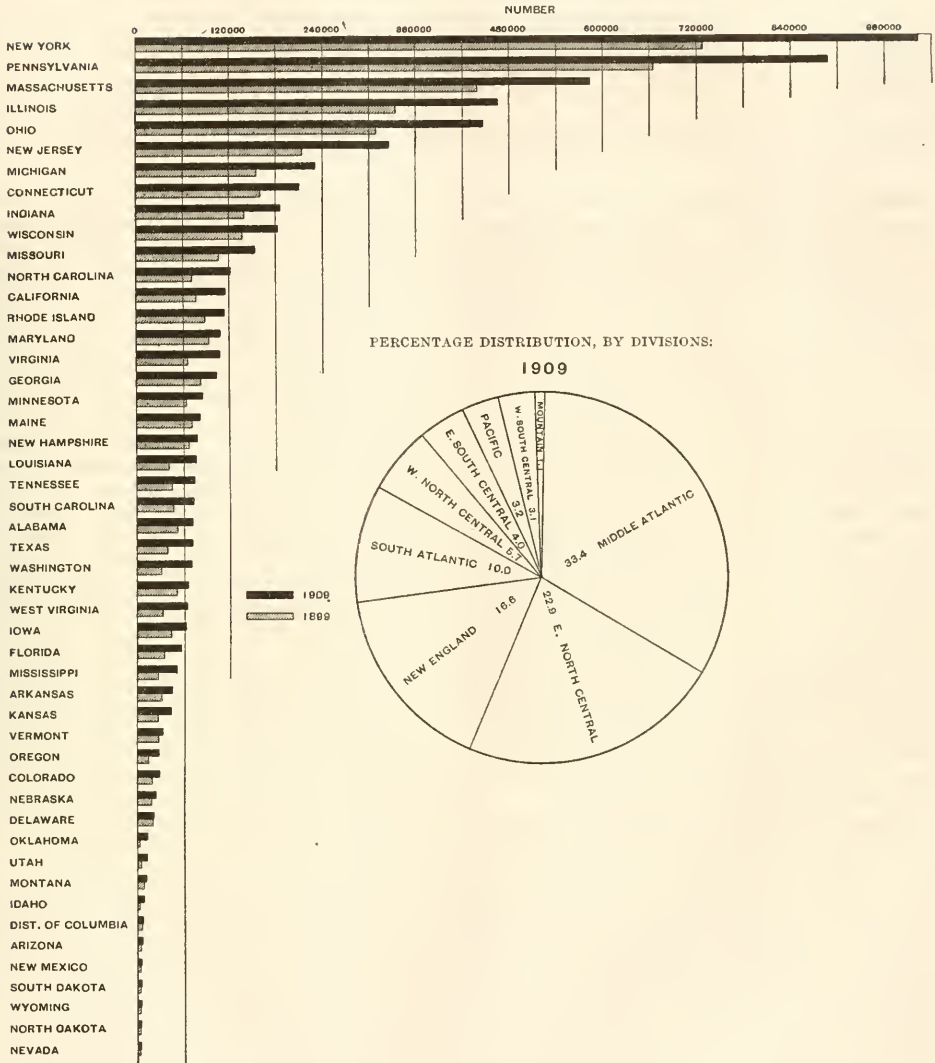
Table 6, on page 448, presents similar data for the nine grand geographic divisions of the United States, arranged in the order of their rank in value of products. The states included in each division are shown in Table 111.

The three Middle Atlantic states—New York, New Jersey, and Pennsylvania—together reported more than one-third of the total value of manufactured products for the country; the East North Central states, about one-fourth; and the New England states, somewhat over one-eighth. These three divisions together contributed 72.6 per cent of the total value of manufactured products in 1909; they showed, however, somewhat lower percentages of increase during the past decade than the other divisions, in which manufacturing is of more recent development.

VALUE OF PRODUCTS OF MANUFACTURES, BY STATES: 1909 AND 1899.



AVERAGE NUMBER OF WAGE EARNERS, BY STATES: 1909 AND 1899.



PERCENTAGE DISTRIBUTION, BY DIVISIONS:

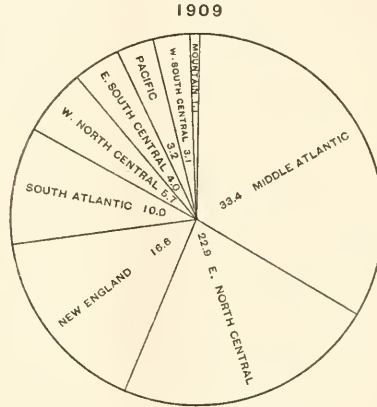


Table 6

DIVISION.	Popula- tion.	Number of estab- lish- ments.	WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.			PER CENT OF INCREASE.					
			Average number.	Rank.	Per cent dis- tribu- tion.	Amount (expressed in thou- sands).	Rank.	Per cent dis- tribu- tion.	Amount (expressed in thou- sands).	Per cent dis- tribu- tion.	Wage earners (average number).		Value of products.		Value added by manu- facture.		
											1904- 1909	1899- 1904	1904- 1909	1899- 1904	1904- 1909	1899- 1904	
United States	91,972,266	268,491	6,615,046	....	100.0	\$20,672,052	....	100.0	\$8,529,261	....	100.0	21.0	16.0	39.7	29.7	35.5	30.3
Middle Atlantic.....	19,315,892	81,315	2,297,747	1	33.4	7,141,761	1	34.5	2,982,263	1	35.0	17.0	17.6	36.9	28.1	32.2	28.0
East North Central.....	18,250,621	69,013	1,513,764	2	22.9	5,211,702	2	25.2	2,177,230	2	25.5	23.6	14.1	44.6	26.4	39.6	29.3
New England.....	6,552,881	25,351	1,101,200	3	16.6	2,470,065	3	12.9	1,195,768	3	14.0	17.1	10.4	31.8	22.0	31.2	20.3
West North Central.....	11,637,921	27,171	574,337	5	5.7	1,803,899	4	8.7	562,044	5	6.6	19.8	17.4	40.4	32.0	33.0	29.8
South Atlantic.....	12,194,895	28,088	663,015	4	10.0	1,381,186	5	6.7	591,181	4	6.9	26.9	14.0	41.8	36.8	39.5	34.1
Pacific.....	4,192,304	13,579	213,166	7	3.2	843,512	6	4.1	349,834	6	4.1	29.9	33.2	52.9	51.2	46.3	69.7
East South Central.....	8,409,901	15,381	361,772	6	4.0	639,488	7	3.0	294,325	7	3.4	18.3	24.8	35.8	42.8	38.7	42.8
West South Central.....	8,784,534	12,339	304,520	8	3.1	625,443	8	3.0	243,312	8	2.9	42.6	36.5	50.6	64.6	44.5	70.3
Mountain.....	2,633,517	5,254	75,435	9	1.1	363,996	9	1.8	135,304	9	1.6	42.9	18.6	42.9	32.8	32.8	33.6

Summary for 50 leading cities: 1909.—Table 7 presents, for the 50 cities which stand highest in value of manufactured products, arranged in order of rank, data similar to those presented for the geographic divisions in Table 6. It should be particularly noted in considering this table that the figures relate only to the manufacturing establishments situated actually within the boundaries of the several cities.

In the case of practically every city listed there are important manufacturing establishments in the immediate vicinity, and in the case of several of the cities such outside establishments, which virtually constitute a part of the city's industrial interests, have a greater value of products than those within the city itself. The most notable instances of this character are Pittsburgh and Boston, which would rank decidedly higher in a table based on metropolitan or industrial districts than they do in the table for cities proper. While the population of Pittsburgh proper is 533,905, the population of the metropolitan district of Pittsburgh, as defined by the Census Bureau, is 1,042,855. Similarly, the population of the Boston metropolitan district is 1,520,470, as compared with 670,585 for the city proper. Further details regarding the manufactures of the 25 leading cities are given in Table 112.

The rank of the cities of the country with respect to manufactures is in many cases decidedly different from their rank in population. Thus Boston ranks fifth in population, but eighth in value of manufactured products; Baltimore, seventh in population, but thirteenth in value of manufactured products; and Los Angeles, sixteenth in population, but thirty-second in value of products. Kansas City, Kans., on the other hand, by reason of the large slaughtering establishments there, ranks fifteenth in value of manufactured products, but is not among the 50 principal cities from the standpoint of population. Of the 50 cities in the United States which have over 100,000 inhabitants, 14 are not included among the 50 cities having the largest value of manufactures.

In the case of some of the cities listed in the table, the rank with respect to the number of wage earners and the value added by manufacture is very different from that with respect to the gross value of products, these differences being dependent upon the character of the predominating industries. It is noteworthy, however, that the 13 cities which rank highest in gross value of products are also the 13 which occupy the highest rank with respect to wage earners and value added by manufacture, although considered individually these cities do not in all cases hold the same rank in each of the three respects. Conspicuous instances of cities having higher rank in gross value of products than in number of wage earners or value added by manufacture are Kansas City, Kans., South Omaha, Youngstown, Bayonne, and Perth Amboy. On the other hand, cities which lead in the manufacture of textiles, such as Lawrence, Fall River, Lowell, New Bedford, and Paterson, have a decidedly higher rank with respect to number of wage earners than with respect to either value of products or value added by manufacture.

For every city listed in the table a greater gross value of products and, with the exception of Omaha, a greater value added by manufacture were reported in 1909 than in 1899. Only two cities—San Francisco and New Orleans—showed a loss in gross value in 1909 as compared with 1904, and only San Francisco a loss in value added by manufacture. Between 1899 and 1904, however, decreases in gross value of manufactures occurred in four cities. In number of wage earners, Pittsburgh, San Francisco, South Omaha, and Peoria showed a decline in 1909 as compared with 1899; several other cities showed decreases from 1899 to 1904, but these were more than made up during the second half of the decade. It may be noted that the statistics for the Pittsburgh industrial district, which is more comprehensive than the city, would show decided gains and that the decrease in the manufacturing industries in San Francisco is the natural result of the great earthquake and fire.

Of the cities reporting products of \$200,000,000 or more, Detroit showed the greatest percentage

of increase in all of the items under consideration and Cleveland the next greatest, with the exception of the number of wage earners, in which it was exceeded by Milwaukee. Among the smaller manufacturing cities included in the table, those showing conspicuous

increases are Akron, Perth Amboy, Los Angeles, and Seattle.

In the case of most of the cities higher rates of increase in all three items are shown for the period 1904 to 1909 than for the period 1899 to 1904.

CITY.	Population.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.			PER CENT OF INCREASE. ¹					
			Average number.	Rank.	Amount (expressed in thousands).	Rank.	Amount (expressed in thousands).	Rank.	Wage earners (average number).		Value of products.		Value added by manufacture.		
									1904-1909	1899-1904	1904-1909	1899-1904	1904-1909	1899-1904	
New York, N. Y.	4,766,883	25,908	554,092	1	\$2,029,693	1	\$937,538	1	19.2	19.6	33.0	30.2	32.3	31.5	
Chicago, Ill.	2,185,283	9,656	293,977	2	1,281,171	2	487,701	2	21.5	9.4	24.1	19.7	33.6	23.3	
Philadelphia, Pa.	1,549,008	8,379	251,884	3	746,076	3	316,984	3	10.0	6.6	26.2	13.7	22.8	14.8	
St. Louis, Mo.	687,029	2,667	87,371	4	328,495	4	140,306	4	5.6	27.6	22.9	38.0	8.3	41.0	
Cleveland, Ohio.	560,663	2,148	84,728	5	271,961	5	117,046	6	32.3	15.7	58.2	23.4	5.7	13.2	
Detroit, Mich.	465,766	2,036	81,011	6	252,992	6	122,774	5	67.1	26.3	97.3	45.1	99.1	49.1	
Pittsburgh, Pa.	533,905	1,659	67,474	9	243,454	7	94,927	8	-5.8	-0.2	15.2	-3.2	9.5	-3.4	
Boston, Mass.	670,585	3,155	69,637	8	237,457	8	112,880	7	17.7	11.9	28.8	13.3	25.8	11.5	
Buffalo, N. Y.	425,715	1,733	51,412	13	218,804	9	82,266	12	18.0	27.1	48.5	39.5	38.4	48.7	
Milwaukee, Wis.	373,857	1,764	59,502	12	208,324	10	87,703	10	37.2	5.2	51.0	24.5	31.1	30.8	
Newark, N. J.	347,469	1,858	59,855	11	202,511	11	87,832	11	18.3	18.2	35.0	33.1	26.3	33.5	
Cincinnati, Ohio.	365,591	2,184	60,192	10	194,516	12	92,584	9	2.7	6.6	17.1	17.2	11.8	17.8	
Baltimore, Md.	558,485	2,502	71,444	7	186,978	13	79,954	13	9.8	-2.3	24.5	11.1	14.9	16.2	
Minneapolis, Minn.	301,408	1,102	26,962	25	165,405	14	45,412	18	24.4	10.5	36.5	28.3	40.7	26.6	
Kansas City, Kans.	82,331	165	12,294	42	164,081	15	19,091	44	16.8	11.0	70.1	20.6	56.4	12.9	
San Francisco, Cal.	416,912	1,796	28,244	21	133,041	16	56,824	15	-26.5	18.0	-3.4	28.7	-8.1	49.1	
Jersey City, N. J.	267,779	745	25,484	28	128,775	17	39,458	21	25.1	17.0	70.0	3.9	46.5	18.9	
Indianapolis, Ind.	283,650	855	31,815	19	126,522	18	42,371	20	19.0	27.4	53.9	38.6	39.1	44.8	
Providence, R. I.	224,326	1,080	46,381	17	120,241	19	55,471	16	16.5	3.7	30.7	16.9	32.0	16.3	
Rochester, N. Y.	218,149	1,303	39,108	15	112,676	20	62,062	14	23.1	13.3	38.9	35.9	43.6	37.4	
Louisville, Ky.	223,928	903	27,023	24	101,284	21	47,156	17	8.2	8.3	21.7	25.9	25.7	20.1	
South Omaha, Nebr.	26,259	71	6,306	48	92,436	22	14,763	48	11.4	-10.5	37.1	-3.0	79.6	-8.2	
Youngstown, Ohio.	79,066	115	10,498	45	81,271	23	18,979	45	29.7	-6.7	73.5	38.2	62.6	8.3	
Lawrence, Mass.	85,802	162	30,542	20	79,993	24	34,555	23	39.4	4.8	66.5	15.1	85.6	10.2	
New Orleans, La.	339,075	848	17,186	37	78,794	25	30,062	28	-1.6	7.9	-3.2	41.7	33.1	32.4	
Worcester, Mass.	145,986	580	28,221	22	77,148	26	34,547	25	23.8	0.9	47.9	11.4	37.5	7.8	
Bayonne, N. J.	55,545	97	7,519	47	73,641	27	14,709	49	6.5	51.1	21.5	57.1	17.8	184.0	
Akron, Ohio.	186,067	246	15,831	33	73,158	28	30,087	27	64.5	16.6	118.0	52.4	128.8	41.4	
Perth Amboy, N. J.	32,121	80	5,866	50	73,693	29	4,161	50	48.5	97.0	110.0	147.5	104.3	65.2	
Lynn, Mass.	99,336	431	27,368	23	71,503	30	30,142	26	27.1	31.5	30.0	39.8	34.6	50.5	
Paterson, N. J.	125,600	702	32,004	18	69,584	31	34,856	22	12.3	-0.1	27.3	12.7	28.0	16.1	
Los Angeles, Cal.	319,198	1,325	17,327	36	68,586	32	29,073	29	66.2	101.5	97.0	130.0	84.0	128.9	
Bridgeport, Conn.	102,054	367	25,775	27	65,609	33	27,662	32	32.2	14.4	47.2	32.9	24.3	36.9	
Fall River, Mass.	119,295	288	37,139	16	64,146	34	28,622	31	38.4	-12.4	47.6	11.2	64.7	-17.4	
Peoria, Ill.	166,950	283	5,981	49	63,061	35	45,288	19	2.5	-2.7	4.4	35.6	1.6	41.2	
Toledo, Ohio.	168,497	760	18,878	35	61,230	36	27,146	35	20.3	23.1	37.6	39.2	42.6	51.3	
Omaha, Nebr.	124,096	432	8,023	46	60,854	37	17,439	46	37.8	10.3	12.7	41.8	57.0	-38.8	
Dayton, Ohio.	116,577	513	21,549	31	69,378	38	32,859	24	26.1	18.6	52.5	37.7	55.7	26.4	
Lowell, Mass.	106,294	320	32,375	17	60,271	39	27,440	34	11.2	0.2	25.6	13.8	37.4	-4.6	
Yonkers, N. Y.	79,803	158	12,711	41	59,334	40	16,132	47	30.0	29.4	76.9	93.9	57.9	31.7	
St. Paul, Minn.	214,744	719	19,339	33	58,990	41	28,690	30	34.6	10.3	53.9	27.5	52.4	33.1	
Kansas City, Mo.	248,381	902	14,643	40	54,704	42	23,742	38	32.6	13.8	53.8	50.8	47.9	45.1	
New Bedford, Mass.	96,652	207	26,566	26	53,238	43	24,674	37	48.8	17.0	80.7	26.0	84.4	15.2	
Denver, Colo.	213,381	766	12,058	43	51,538	44	20,611	43	24.7	13.8	40.6	-3.3	31.6	16.6	
Reading, Pa.	96,071	452	24,145	29	51,135	45	21,287	42	33.7	6.9	67.7	-6.7	54.5	-12.1	
New Haven, Conn.	133,605	590	23,547	30	51,071	46	26,752	36	9.8	21.8	28.8	13.7	26.5	12.7	
Seattle, Wash.	237,194	751	11,331	44	50,569	47	21,884	39	77.3	43.9	99.0	63.8	96.1	71.0	
Waterbury, Conn.	73,141	169	20,170	32	50,350	48	21,624	41	30.9	16.5	55.6	6.7	48.1	20.4	
Syracuse, N. Y.	197,240	338	18,148	35	49,435	49	25,659	33	24.7	23.2	42.5	30.7	48.7	32.9	
Camden, N. J.	94,538	305	16,527	38	49,138	50	21,754	40	30.5	63.5	46.3	86.9	63.3	74.9	

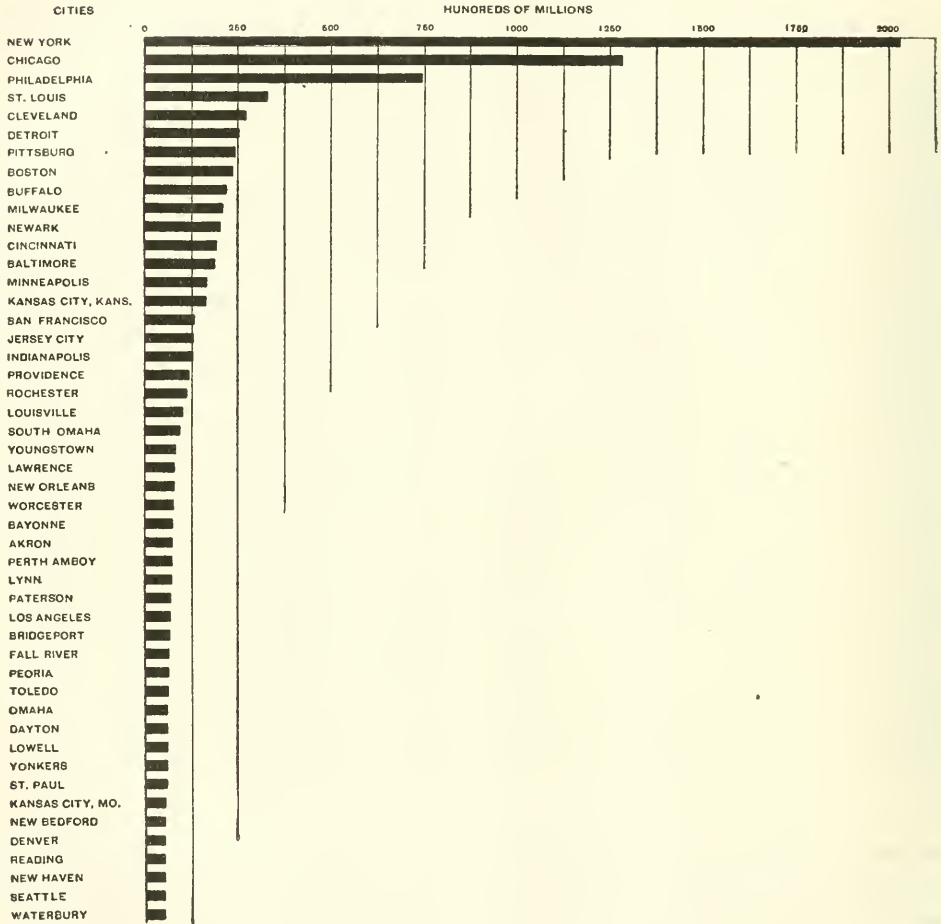
¹ Per cent of increase is based on figures in Table 113. A minus sign (-) denotes decrease.

Distribution according to size of communities.—It is a matter of interest to know the extent to which the manufacturing enterprises of the country are located in the larger cities as compared with the smaller cities and rural districts. Some indication of this is given in Table 8, on page 451, which distributes the total number of establishments, average number of wage earners, value of products, and value added by manufacture reported in 1909 and 1899 by classes of places, the classes distinguished being cities of 100,000 inhabitants or over, cities of 25,000 to 100,000 inhabitants, cities of 10,000 to 25,000 inhabitants, and the remainder of the country, the latter including the

smaller cities, towns, and other incorporated places and the rural districts. The aggregate population of each group in 1910 and 1900 is also given. Statistics for 1904 are not given because there was no Federal census of population for that year, and it is impossible to determine with accuracy what cities belonged to each group.

In considering this table it should be noted that each place is classed at each census according to its population at that census, so that the same community may be in one class in 1900 and in another class in 1910; and consequently the change in the totals for any given class of communities from 1899 to 1909 should not be

VALUE OF PRODUCTS FOR PRINCIPAL CITIES: 1909.



taken as measuring the increase in manufacturing business in the same communities. The significant figures are the percentages of the totals reported by each class of places at the two censuses. It should be noted further that the statistics of manufactures shown for any given community are those reported from establishments lying strictly within the municipal

boundaries. Since in many cases large manufacturing establishments are located just outside of city boundaries, the proportion of the manufacturing business of the country as a whole which, in a sense, can be properly credited to places of 10,000 or more inhabitants is somewhat greater than can be shown by the statistics in this table.

Table 8

	Year.	Aggregate.	CITIES AND TOWNS HAVING A POPULATION OF 10,000 AND OVER.								DISTRICTS OUTSIDE OF CITIES AND TOWNS HAVING A POPULATION OF 10,000 AND OVER.		
			Total.		10,000 to 25,000.		25,000 to 100,000.		100,000 and over.		Number or amount.	Per cent distribution.	
			Number or amount.	Per cent distribution.	Number or amount.	Per cent distribution.	Number or amount.	Per cent distribution.	Number or amount.	Per cent distribution.			
Number of cities.....	1910 1900		593 436		365 277		178 122		50 37				
Population.....	1910 1900	91,972,296 75,994,575	34,002,692 24,052,670	37.0 31.7	5,495,594 4,297,118	6.0 5.7	8,204,960 5,547,205	8.9 7.3	20,302,138 14,206,347	22.1 18.7	57,969,574 51,941,905	63.0 68.3	
Number of establishments....	1909 1899	268,491 207,514	135,772 102,918	50.6 49.6	18,936 15,463	7.1 7.5	27,061 20,147	10.1 9.7	89,775 67,308	33.4 32.4	132,719 104,596	49.4 50.4	
Average number of wage earners.	1909 1899	6,615,046 4,712,763	4,316,642 3,044,439	65.3 64.6	678,467 524,900	10.3 11.1	1,126,253 767,293	17.0 16.3	2,511,922 1,752,246	38.0 37.2	2,298,404 1,668,324	34.7 35.4	
Value of products.....	1909 1899	\$20,672,051,870 11,406,926,701	\$14,264,878,807 7,864,564,177	69.0 68.9	\$1,946,703,215 1,052,639,594	9.4 9.2	\$3,552,403,574 1,843,124,795	17.3 16.1	\$8,735,772,018 4,968,799,788	42.3 43.6	\$6,407,173,063 3,542,362,524	31.0 31.1	
Value added by manufacture..	1909 1899	8,529,260,992 4,831,075,210	6,003,005,285 3,377,477,927	70.4 69.9	801,766,297 458,679,363	9.4 9.5	1,431,652,146 773,117,708	16.8 16.0	3,769,856,842 2,145,080,856	44.2 44.4	2,526,255,707 1,453,597,283	29.6 30.1	

In 1909 places of more than 10,000 inhabitants, although they included only 37 per cent of the total population of the country, contained a little over one-half of the total number of manufacturing establishments in the country. These establishments employed nearly two-thirds of the wage earners employed in manufactures (65.3 per cent), and reported more than two-thirds of the total value of products and of the value added by manufacture, the actual percentages being 69 and 70.4, respectively.

It is noteworthy, however, that, whereas communities of this size contained a materially larger proportion of the population of the country in 1910 than they did in 1900—37 per cent as against 31.7 per cent—there was only a very slight increase in their proportion of the total number of manufacturing establishments and of wage earners, and of the total value added by manufacture, and practically no change in their proportion of the total value of products. In other words, while these communities, considered as a

group, have perhaps a little more than held their own in relative importance in manufacturing industry, they have not gained in this respect commensurately with their gain in population. The foregoing statement regarding this group as a whole holds true likewise for the class of cities having from 25,000 to 100,000 inhabitants and for the class having 100,000 or more inhabitants, except that for the latter group there was a slight decrease in the proportion of the value of products and value added by manufacture. On the other hand, the class of communities having from 10,000 to 25,000 inhabitants reported a slight increase in its proportion of the total population in 1910 as compared with 1900, and a slightly larger proportion of the total value of products in 1909 than in 1899, although in respect to number of establishments, average number of wage earners, and value added by manufacture, the proportion for such communities was slightly lower in the later year than in the earlier.

PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.

Definitions and explanations.—Attention is called to certain differences between the census of 1909 and previous censuses in respect to the manner of collecting and presenting statistics of persons engaged in manufacturing industries.

At the censuses of 1899, 1904, and 1909 the following general classes of persons engaged in manufacturing industries were distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents and managers, (4) clerks, and (5)

wage earners. In the reports for the censuses of 1904 and 1899 these five classes were shown according to the three main groups: (1) Proprietors and firm members, (2) salaried officials, clerks, etc., and (3) wage earners. The second group included the three classes of salaried officers of corporations, superintendents and managers, and clerks. In certain tables relating exclusively to the present census a somewhat different grouping is employed—that into (1) proprietors and officials, (2) clerks, and (3) wage earners. The first

group includes proprietors and firm members, salaried officers of corporations, and superintendents and managers. In comparative tables covering the censuses of 1899 and 1904 it is of course necessary to group the figures for 1909 according to the same classification that was employed in the earlier censuses.

At this census the number of persons engaged in the industries, segregated by sex, and, in the case of wage earners, also by age (whether under 16 or 16 and over), was reported for December 15, or the nearest representative day. The 15th of December was selected as representing for most industries normal conditions of employment, but where conditions were exceptional, and particularly in the case of certain seasonal industries, such as canning, the December date could not be accepted as typical and an earlier date had to be chosen.

In the case of employees other than wage earners the number thus reported on December 15 or other representative day has been treated as equivalent to the average for the year, since the number of employees of this class does not vary much from month to month in a given industry. In the case of wage earners the average is obtained in the manner explained in the next paragraph.

In addition to the more detailed report by sex and age of the number of wage earners on December 15 or other representative day, a report was obtained of the number employed on the 15th of each month, without distinction of sex or age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported each month by 12. The average thus obtained represents the number of wage earners that would be required to perform the work done if all were constantly employed during the entire year. Accordingly, the importance of any industry as an employer of labor is believed to be more accurately measured by this average than by the number employed at any one time or on a given day.

The number of wage earners reported for the representative day, though given in certain tables for each separate industry, is not totaled for all industries combined, because in view of the variations of date such a total is believed not to be significant. It would involve more or less duplication of persons working in different industries at different times, would not represent the total number employed in all industries at any one time, and would give an undue weight to seasonal industries as compared with industries in continual operation.

In particular, totals by sex and age for the wage earners reported for the representative day for all industries combined would be misleading because of the undue weight given to seasonal industries, in some of which, such as canning and preserving, the distribution of the wage earners by sex and age is materially

different from that in most industries of more regular operation. In order to determine as nearly as possible the sex and age distribution of the average number of wage earners for a given state as a whole, the per cent distribution by sex and age of the wage earners in each industry for December 15 or the nearest representative day has been calculated from the actual numbers reported for that date. The percentages thus obtained have been applied to the average number of wage earners for the year in that industry, to determine the average number of men, women, and children employed. These calculated averages for the several industries have been added up to give the average distribution for each state as a whole and for the entire country.

In 1899 and 1904 the schedule called for the average number of wage earners of each sex 16 years and over, and the average number under 16 years of age without distinction of sex, for each month, and these monthly statements were combined in an annual average. Comparatively few manufacturing concerns, however, keep their books in such way as to show readily the number of men, women, and children employed on the average each month. These monthly returns by sex and age were, in fact, largely estimates. It was believed that a more accurate and reliable sex and age distribution could be secured by taking as a basis of estimate the actual numbers employed on a single day.

Summary for United States: 1909.—The following table shows, for 1909, the distribution of the persons engaged in manufacturing, each class being distributed by sex, and the average number of wage earners by age also:

CLASS.	PERSONS ENGAGED IN MANUFACTURES.		
	Total.	Male.	Female.
All classes.....	7,678,578	6,162,263	1,516,315
Proprietors and officials.....	487,173	472,914	14,259
Proprietors and firm members.....	273,265	263,673	9,592
Salaried officers of corporations.....	80,735	78,837	1,738
Superintendents and managers.....	133,173	130,304	2,869
Clerks.....	576,359	437,056	139,303
Wage earners (average number).....	6,615,946	5,252,293	1,362,753
16 years of age and over.....	6,453,553	5,163,164	1,290,389
Under 16 years of age.....	161,493	89,129	72,364

The average number of persons engaged in manufacturing industries during 1909 was 7,678,578. Of these, 6,615,046, or 86.1 per cent, were wage earners; 487,173, or 6.3 per cent, proprietors and officials; and 576,359, or 7.5 per cent, clerks. Of the wage earners, 5,163,164 were males 16 years of age and over; 1,290,389 females 16 years of age and over; and 161,493 children under the age of 16.

Statistics of employees for the last three censuses are given for individual industries in Table 110, and for each state and geographic division in Table 111.

Occupational status by leading industries: 1909.—The following table shows for the 43 leading industries the number of proprietors, officers of corporations, superintendents and managers, clerks, and wage earners,

respectively, and the percentage which the persons included in each of the principal groups represent of the total number employed. The figures for wage earners represent the average number for the year.

INDUSTRY.	PERSONS ENGAGED IN MANUFACTURES.										
	Total number.	Proprietors and officials.					Clerks.	Wage earners (average number).	Per cent of total.		
		Total.	Proprietors and firm members.	Salared officials of corporations.	Superintendents and managers.				Proprietors and officials.	Clerks.	Wage earners (average number).
All industries.....	7,678,678	487,173	273,265	80,735	133,173	576,369	6,615,046	6.3	7.5	86.1	
Agricultural implements.....	60,229	2,489	465	569	1,455	7,189	50,551	4.1	11.9	83.9	
Automobiles, including bodies and parts.....	85,359	2,564	405	758	1,401	7,074	75,721	3.0	8.3	88.7	
Boots and shoes, including cut stock and findings.....	219,929	5,752	1,838	1,927	2,887	11,874	198,297	2.7	5.5	91.8	
Brass and bronze products.....	45,441	2,160	828	584	748	2,443	40,618	4.8	5.9	89.4	
Bread and other bakery products.....	144,322	29,136	26,982	801	1,353	14,970	100,216	20.2	10.4	69.4	
Butter, cheese, and condensed milk.....	31,506	10,480	8,019	1,632	1,429	2,595	18,431	33.3	8.2	58.5	
Canning and preserving.....	71,972	6,920	4,244	968	1,708	5,084	59,968	9.6	7.1	83.3	
Carriages and wagons and materials.....	82,944	8,844	6,213	1,166	1,465	4,172	69,928	10.7	5.0	84.3	
Cars and general shop construction and repairs by steam-railroad companies.....	301,273	6,974	2	1,877	5,095	12,125	282,174	2.3	4.0	93.7	
Cars, steam-railroad, not including operations of railroad companies.....	47,094	1,041	7	241	793	2,967	43,086	2.2	6.3	91.5	
Chemicals.....	27,791	1,066	154	367	565	2,991	23,714	3.9	10.8	85.3	
Clothing, men's, including shirts.....	271,437	12,041	8,502	1,089	2,450	19,700	239,696	4.4	7.3	88.3	
Clothing, women's.....	179,021	9,281	6,482	842	1,957	15,997	153,743	5.2	8.9	85.9	
Confectionery.....	54,854	3,823	1,822	706	704	6,834	44,638	6.1	12.5	81.4	
Copper, tin, and sheet-iron products.....	86,934	7,269	4,423	1,288	1,558	6,650	78,615	8.4	7.0	84.7	
Cotton goods, including cotton small wares.....	387,771	4,461	377	1,726	2,358	4,430	378,880	1.2	1.1	97.7	
Electrical machinery, apparatus, and supplies.....	165,000	4,121	439	997	2,685	14,223	87,256	3.9	13.5	82.5	
Flour-mill and gristmill products.....	66,054	18,763	14,570	1,486	2,707	7,838	39,453	28.4	11.9	59.7	
Foundry and machine-shop products.....	615,485	31,665	9,851	9,348	12,406	52,849	531,011	5.1	8.6	86.3	
Furniture and refrigerators.....	144,140	7,281	2,657	2,170	2,454	8,407	128,452	5.1	5.8	89.1	
Gas, illuminating and heating.....	51,007	2,986	277	960	1,719	10,806	37,215	5.9	21.2	73.0	
Hosiery and knit goods.....	136,130	3,308	1,134	799	1,375	3,547	129,275	2.4	2.6	95.0	
Iron and steel, blast furnaces.....	43,061	1,119	48	262	809	3,513	38,429	2.6	8.2	89.2	
Iron and steel, steel works and rolling mills.....	260,762	4,286	47	779	3,460	10,400	240,076	1.6	6.3	92.1	
Leather goods.....	43,825	4,209	2,552	760	897	4,409	34,907	9.7	10.1	80.2	
Leather, tanned, curried, and finished.....	67,100	2,331	784	629	918	2,567	62,202	3.5	3.8	92.7	
Liquors, distilled.....	1,111	1,111	563	217	331	757	61,430	13.3	9.4	77.2	
Liquors, malt.....	66,725	4,362	639	1,819	1,904	7,784	54,579	6.5	11.7	81.8	
Lumber and timber products.....	784,989	68,165	48,825	6,616	12,724	21,805	695,019	8.7	2.8	88.5	
Marble and stone work.....	77,275	8,453	6,026	867	1,560	3,219	65,603	10.9	4.2	84.9	
Oil, cottonseed, and cake.....	21,273	2,167	110	576	1,481	2,035	17,071	10.2	9.6	80.2	
Paint and varnish.....	21,896	2,015	456	793	767	5,640	14,240	9.2	25.8	65.0	
Paper and wood pulp.....	81,473	2,298	250	773	1,275	3,197	75,978	2.8	3.9	93.3	
Patent medicines and compounds and druggists' preparations.....	41,101	5,547	2,802	1,427	1,418	12,559	22,885	13.7	30.6	55.7	
Petroleum, refining.....	16,640	671	42	211	418	2,040	13,929	4.0	12.3	83.7	
Printing and publishing.....	388,466	49,332	30,424	7,265	11,643	80,700	268,434	12.7	20.8	66.5	
Silk and silk goods, including throwsters.....	105,238	2,236	404	480	1,092	3,965	99,037	2.1	3.8	94.1	
Slaughtering and meat packing.....	108,716	3,514	1,659	731	1,124	15,474	89,728	3.2	14.2	82.5	
Smelting and refining, copper.....	16,832	275	7	53	215	929	15,628	1.6	5.5	92.8	
Smelting and refining, lead.....	8,069	132	.....	44	88	503	7,424	1.6	6.2	92.1
Sugar and molasses, not including beet sugar.....	15,658	789	204	140	445	1,343	13,526	5.0	8.6	86.4	
Tobacco manufactures.....	197,637	21,012	17,634	809	2,569	9,815	166,810	10.6	5.0	84.4	
Woolen, worsted, and felt goods, and wool hats.....	175,176	3,192	732	782	1,678	3,262	168,722	1.8	1.9	96.3	
All other industries.....	1,916,361	117,833	59,096	23,811	35,025	149,988	1,648,441	6.2	7.8	86.0	

The highest proportion of proprietors and officials shown for any individual industry covered by the table, 33.3 per cent, is for the butter, cheese, and condensed-milk industry. Many of the establishments in this industry are carried on by cooperative associations, and the practice in 1909, as at prior censuses, was not to include the members of such associations as proprietors in the totals, but to omit them altogether. From the information contained in the reports, it is impossible, in some instances, to distinguish such associations from partnerships, and the large number of proprietors and officials shown for this industry indicates the probability that the members of some associations were inadvertently included as partners. The high percentage of proprietors and

officials in the flour-mill and gristmill and the bakery industries is explained by the fact that the majority of the establishments are small and the work is to a large extent done by the proprietors or their immediate representatives, while in the large flour mills automatic machinery has reduced the amount of labor to a minimum.

A factor which has much to do with the proportion of clerks among the total number of employees in an industry is the method of marketing the product. Thus there are high percentages of clerks in the manufacture of patent medicines and compounds and druggists' preparations, and in the paint and varnish, illuminating-gas, and printing and publishing industries. In these industries the average num-

ber of customers or patrons for each establishment is large and this necessitates a large force of employees for soliciting trade, correspondence, accounting, and collection.

In general, though not in all cases, the larger the average size of establishments in an industry, the smaller is the proportion of proprietors, officials, and clerks, and the larger the proportion of wage earners. Thus the four textile industries—the cotton, woolen, hosiery and knit-goods, and silk-manufacturing industries—which are mainly conducted in large factories, show the largest proportions of wage earners. An unusually large proportion of wage earners is shown also for the paper and pulp mills, the steel works and rolling mills, the construction of steam-railroad cars, the smelting and refining of copper and lead, the tanning and finishing of leather, boots and shoes, and the repair shops of steam railroads.

Comparison with previous censuses as to occupational status.—In order to compare the distribution of persons engaged in manufacturing industries according to occupational status in 1909 with that shown at the census of 1904, it is necessary to use the classification employed at the earlier census. (See p. 451.) Such a comparison is made in the following table. Comparable figures for 1899 are not available.

Table 11

CLASS.	PERSONS ENGAGED IN MANUFACTURES.				
	1909		1901		Per cent of increase, 1904-1909.
	Number.	Per cent distribution.	Number.	Per cent distribution.	
Total.....	7,678,578	100.0	6,213,612	100.0	23.6
Proprietors and firm members.....	273,265	3.6	225,673	3.6	21.1
Salaried employees.....	790,267	10.3	519,556	8.4	52.1
Wage earners (average number).....	6,615,046	86.1	5,468,383	88.0	21.0

A greater percentage of increase is shown for salaried employees than for the other two classes. This is due in part to the changes from individual and firm ownership to corporate organization, a change which frequently involves the transfer of proprietors and firm members to the class of officials. At the same time there is no doubt that the number of clerks here classified with the other salaried employees has increased relatively faster than the number of wage earners. This may indicate an increase of the practice on the part of the manufacturers of direct sale of

goods without the interposition of so many middlemen as formerly handled the product.

Sex and age distribution, by leading industries: 1909.—Table 12, on the opposite page, shows, for the 43 leading industries, the number and per cent distribution, by age and sex, of wage earners as reported for December 15, or the nearest representative day. As a means of judging the true importance of the several industries as employers of labor, the average number employed for the entire year is also given in each case, this number, in the case of seasonal industries, being much smaller than the number on the representative day. The per cent distribution for all industries combined, based on the average number employed as shown in Table 9, is also presented.

In all industries combined 78 per cent of the average number of wage earners were males 16 years of age or over, 19.5 per cent females 16 years of age or over, and 2.5 per cent children under the age of 16.

The industries for which the largest proportions of males 16 years of age or over are shown are those in which the work is of a nature requiring much physical strength or a high degree of skill. Thus in the smelting and refining of both copper and lead males 16 years of age or over constitute 99.9 per cent of the total number of wage earners, and in the blast furnaces they constitute 99.8 per cent. Other industries in which males of 16 years or over represent more than 99 per cent of the wage earners are the gas industry, construction of steam-railroad cars, steel works and rolling mills, marble and stone work, the repair shops of steam railroads, and the manufacture of cotton-seed oil.

The proportion of women and children, naturally, is larger in those industries in which the processes require dexterity rather than strength. In six of the industries covered by Table 12—the making of men's and women's clothing, the confectionery industry, and the manufacture of hosiery and knit goods, of patent medicines and compounds and druggists' preparations, and of silk and silk goods—more than half of the wage earners are females 16 years of age or over.

The proportion of wage earners under 16 years is larger in three of the textile industries—the cotton goods, silk and silk goods, and hosiery and knit-goods industries—than in any other of the principal industries of the country. The proportion is also relatively high in the canning and preserving, confectionery, and woolen-goods industries.

Table 12

INDUSTRY.	WAGE EARNERS.							
	Average number.	Number Dec. 15, or nearest representative day.				Per cent of total.		
		Total.	16 years of age and over.		Under 16 years of age.	16 years of age and over.		Under 16 years of age.
			Male.	Female.		Male.	Female.	
All industries.....	6,615,046	(¹)	(¹)	(¹)	(¹)	78.0	19.5	2.5
Agricultural implements.....	50,551	55,429	54,529	674	226	98.4	1.2	0.4
Automobiles, including bodies and parts.....	75,721	97,250	96,060	982	208	98.8	1.0	0.2
Boots and shoes, including cut stock and findings.....	198,297	211,507	132,411	70,457	8,639	62.6	33.3	4.1
Brass and bronze products.....	40,518	46,230	42,908	2,774	548	92.8	6.0	1.2
Bread and other bakery products.....	106,516	104,443	84,356	17,497	2,080	81.3	16.7	2.0
Butter, cheese, and condensed milk.....	18,431	19,323	17,743	1,468	112	91.8	7.6	0.1
Canning and preserving.....	59,968	155,847	67,219	77,593	11,035	43.1	49.8	7.6
Carriages and wagons and materials.....	69,928	72,783	71,104	1,126	553	97.7	1.5	0.8
Cars and general shop construction and repairs by steam-railroad companies.....	282,174	302,800	301,431	465	194	99.8	0.2	0.1
Cars, steam-railroad, not including operations of railroad companies.....	43,086	58,274	58,046	190	38	99.6	0.3	0.1
Chemicals.....	23,714	25,341	24,102	1,061	178	95.1	4.2	0.7
Clothing, men's, including shirts.....	239,696	257,128	109,139	142,781	5,208	42.4	55.5	2.0
Clothing, women's.....	153,743	162,859	58,316	103,063	1,480	35.8	63.3	0.9
Confectionery.....	44,638	52,421	18,836	30,453	3,132	35.9	58.1	6.0
Copper, tin, and sheet-iron products.....	73,016	78,909	66,739	9,710	2,396	84.6	12.3	3.0
Cotton goods, including cotton small wares.....	378,880	387,898	197,429	150,057	40,221	50.9	38.7	10.4
Electrical machinery, apparatus, and supplies.....	87,256	102,850	78,065	23,398	947	76.4	22.7	0.9
Flour-mill and gristmill products.....	39,453	42,465	41,787	563	183	98.3	1.3	0.3
Foundry and machine-shop products.....	531,011	604,167	587,636	11,895	4,636	97.3	2.0	0.8
Furniture and refrigerators.....	128,452	138,829	132,176	3,677	2,976	95.2	2.6	2.1
Gas, illuminating and heating.....	37,215	37,396	37,308	71	17	99.8	0.2	(²)
Hosiery and knit goods.....	129,275	136,713	37,419	88,183	11,111	27.4	64.5	8.1
Iron and steel, blast furnaces.....	38,429	47,278	47,184	10	84	99.8	(²)	0.2
Iron and steel, steel works and rolling mills.....	240,076	284,264	281,801	1,114	1,349	99.1	0.4	0.5
Leather goods.....	34,947	36,502	29,868	5,708	896	81.8	15.7	2.5
Leather, tanned, curried, and finished.....	62,202	66,717	64,005	2,230	432	95.9	3.3	0.7
Liquors, distilled.....	6,430	8,130	7,008	1,111	11	86.2	13.7	0.1
Liquors, malt.....	54,579	54,135	52,865	1,040	230	97.7	1.9	0.4
Lumber and timber products.....	695,019	838,160	826,978	4,027	7,155	98.7	0.5	0.9
Marble and stone work.....	65,603	67,921	67,575	112	234	99.5	0.2	0.3
Oil, cottonseed, and cake.....	17,071	29,691	29,551	49	91	99.5	0.2	0.3
Paint and varnish.....	14,240	14,426	13,207	1,137	82	91.5	7.9	0.6
Paper and wood pulp.....	75,978	78,672	68,497	9,909	266	87.1	12.6	0.3
Patent medicines and compounds and druggists' preparations.....	22,856	24,083	11,503	12,672	508	46.6	51.3	2.1
Petroleum, refining.....	13,929	14,873	14,637	170	46	98.5	1.1	0.3
Printing and publishing.....	258,434	272,027	204,388	60,973	6,666	75.1	22.4	2.4
Silk and silk goods, including throwsters.....	99,037	102,369	35,785	58,441	8,143	35.0	57.1	8.0
Slaughtering and meat packing.....	89,725	94,854	88,352	5,960	642	93.1	6.3	0.6
Smelting and refining, copper.....	15,623	16,029	16,013	.....	16	99.9	.....	0.1
Smelting and refining, lead.....	7,424	8,002	8,001	1	.....	99.9	(²)	.....
Sugar and molasses, not including beet sugar.....	13,526	25,134	24,626	376	132	98.0	1.5	0.5
Tobacco manufactures.....	166,810	181,036	90,417	84,193	6,426	49.9	46.5	3.6
Woolen, worsted, and felt goods, and wool hats.....	168,722	175,171	92,820	72,409	9,942	53.0	41.3	5.7

¹ No totals given for reasons explained on page 452.² Less than one-tenth of 1 per cent.

In addition to the industries shown in the above table, which were selected according to their importance with respect to gross value of products, certain others are of interest because of the relatively large number of women and children employed. Table 13, on the following page, shows the sex and age distribution of wage earners in all industries not covered by the preceding table in which there were at least 5,000 women, or in which the women constituted over 40 per cent of the wage earners and numbered not less than 500.

The table shows that there are a large number of industries, some of considerable importance, in which women 16 years of age or over represent more than 40 per cent of the total number of wage earners. In the manufacture of corsets, of artificial flowers, feathers, and plumes, and of steel pens, more than 80 per cent

of the wage earners are women. Other industries in which female wage earners 16 years of age or over constitute over three-fourths of the total number employed are the manufacture of men's furnishing goods and of millinery and lace goods, and the grading, roasting, cleaning, and shelling of peanuts. Large numbers of women are also employed in several industries listed in this table in which, however, the proportion which these represent of the total number of wage earners is less than 40 per cent.

Of the industries shown in Table 13, those in which the proportion of children under 16 years of age exceeds 5 per cent are the manufacture of bags, other than paper; cigar boxes; fancy and paper boxes; horse clothing; cordage and twine; needles, pins, and hooks and eyes; lead pencils; stationery goods, not elsewhere specified; and the cork-cutting industry.

Table 13

INDUSTRY.	Average number.	WAGE EARNERS.						
		Number Dec. 15, or nearest representative day.			Per cent of total.			
		Total	16 years of age and over.		Under 16 years of age.	16 years and over.		Under 16 years of age.
			Male	Female.		Male.	Female.	
Artificial flowers and feathers and plumes.....	10,016	10,769	1,416	9,017	336	13.1	83.7	3.1
Awnings, tents, and sails.....	4,242	4,043	2,254	1,715	64	50.0	42.4	1.6
Bags, other than paper.....	7,943	8,437	2,870	4,794	773	34.0	56.8	9.2
Bags, paper.....	3,212	3,299	1,680	1,561	58	50.9	47.3	1.8
Baking powders and yeast.....	2,155	2,273	1,199	1,020	54	52.7	44.9	2.4
Boots and shoes, rubber.....	17,612	18,528	10,995	7,060	473	59.3	38.1	2.6
Boxes, cigar.....	6,115	6,554	2,914	3,260	380	44.5	49.7	5.8
Boxes, fancy and paper.....	39,514	42,239	14,198	25,961	3,080	32.8	60.0	7.1
Buttons.....	16,427	17,873	10,721	6,530	622	60.0	36.5	3.5
Carpets and rugs, other than rag.....	33,307	34,874	19,601	18,859	1,414	56.2	39.7	4.1
Clocks and watches, including cases and materials.....	23,857	25,574	15,775	9,262	537	61.7	36.2	2.1
Clothing, horse.....	1,648	1,789	880	1,047	162	32.4	58.5	9.1
Cordage and twine and jute and linen goods.....	25,820	26,941	13,019	12,683	1,839	48.3	44.8	6.8
Cork, cutting.....	3,142	3,239	1,756	1,310	173	54.2	40.4	5.3
Corsets.....	17,564	18,152	2,291	15,234	627	12.6	83.9	3.5
Dyeing and finishing textiles.....	44,406	45,841	36,486	8,269	1,086	79.6	18.0	2.4
Fireworks.....	1,403	1,380	756	564	60	54.8	40.9	4.3
Flags, banners, regalia, society badges, and emblems.....	3,572	3,552	1,297	2,192	93	35.7	61.7	2.6
Flavoring extracts.....	1,229	1,270	722	522	26	56.8	41.1	2.0
Food preparations.....	14,868	17,786	12,070	5,449	267	67.9	30.6	1.5
Fur goods.....	11,927	14,450	8,539	5,853	58	59.1	40.5	0.4
Furnishing goods, men's.....	38,482	41,970	9,153	31,926	891	21.8	76.1	2.1
Gloves and mittens, leather.....	11,354	12,188	5,202	6,697	289	42.7	54.9	2.4
Gold and silver, leaf and foil.....	1,383	1,417	612	756	49	43.2	53.4	3.5
Hair work.....	3,534	3,885	1,338	2,464	83	34.4	63.4	2.1
Hats, fur-felt.....	25,664	30,292	21,182	8,468	642	69.9	28.0	2.1
Hats, straw.....	8,814	10,328	3,512	6,641	175	34.0	64.3	1.7
House-furnishing goods, not elsewhere specified.....	4,907	5,371	2,713	2,570	88	50.5	47.8	1.6
Jewelry.....	30,347	33,914	23,536	9,645	933	68.8	28.4	2.8
Jewelry and instrument cases.....	2,070	2,343	1,043	1,239	59	44.6	52.9	2.5
Milinery and lace goods.....	39,201	40,522	8,061	31,299	1,171	19.9	77.2	2.9
Needles, pins, and hooks and eyes.....	4,638	4,955	2,202	2,513	380	45.6	46.7	7.7
Paper goods, not elsewhere specified.....	19,211	20,500	10,141	9,707	652	49.3	47.4	3.2
Peanuts, grading, roasting, cleaning, and shelling.....	1,949	2,346	473	1,832	40	20.2	78.1	1.7
Pencils, lead.....	4,134	4,412	1,843	2,244	325	41.8	50.9	7.4
Pens, steel.....	699	729	113	591	25	15.5	81.1	3.4
Pottery, terra-cotta, and fire-clay products.....	56,168	60,842	53,159	6,799	884	87.4	11.2	1.5
Stationery goods, not elsewhere specified.....	6,206	6,417	3,405	2,635	377	53.1	41.1	5.9
Surgical appliances and artificial limbs.....	4,241	4,440	2,193	2,113	114	49.3	47.6	3.6
Umbrellas and canes.....	5,472	5,837	2,586	3,017	234	44.3	51.7	4.6

Sex and age distribution, by states: 1909.—Table 14 shows, for each geographic division and each state, the distribution of wage earners by sex and age and the per cent that each class represents of the total average number of wage earners. The numbers of each sex and each age period are obtained by applying to the average number employed in each industry in each state the percentages of each age and sex in the number of wage earners reported for December 15, or the nearest representative day, and then totaling the result, as more fully explained on page 452.

The relative number of males 16 years of age or over, females 16 years of age or over, and children under 16 employed in each state depends primarily upon the character of the industries in that state, but the number of persons under 16 employed is also affected by the legislation of the several states with regard to child labor. The largest proportions of female wage earners 16 years of age or over are found in the New England and Middle Atlantic divisions,

owing chiefly to the importance of the textile and clothing industries in these divisions. Next to these two divisions in this respect ranks the South Atlantic division, and in this division appears the largest proportion of wage earners under 16 years of age, 6.3 per cent. This large proportion is due chiefly to the predominance of the textile industries in the South Atlantic states. The proportions of females 16 years of age or over and of children under 16 are lowest in the West South Central, Mountain, and Pacific divisions, where the textile and clothing industries are relatively unimportant.

Among the individual states the largest proportion of female wage earners 16 years of age or over, 32.3 per cent, is found in Rhode Island, and the next largest proportion in New Hampshire, followed closely by Massachusetts and New York. The proportion of children employed is largest in South Carolina, 12.9 per cent, and next largest in North Carolina. Among the Northern states Rhode Island shows the largest percentage of children.

Table 14

DIVISION AND STATE.	AVERAGE NUMBER OF WAGE EARNERS.				PER CENT OF TOTAL.		
	Total.	16 years of age and over.		Under 16 years of age.	16 years of age and over.		Under 16 years of age.
		Male.	Female.		Male.	Female.	
United States.....	6,615,046	5,163,164	1,290,389	161,493	78.1	19.5	2.4
GEOGRAPHIC DIVISIONS:							
New England.....	1,101,290	769,639	307,076	33,575	69.1	27.9	3.0
Middle Atlantic.....	2,207,747	1,618,967	644,316	44,464	73.3	24.7	2.0
East North Central.....	1,513,764	1,271,013	220,194	22,557	84.0	14.5	1.5
West North Central.....	374,357	311,140	57,471	5,726	83.1	15.4	1.5
South Atlantic.....	685,015	517,456	163,703	41,856	78.0	15.6	6.3
East South Central.....	261,772	228,788	24,966	7,989	87.4	9.5	3.1
West South Central.....	204,520	191,353	9,724	3,443	93.6	4.7	1.7
Mountain.....	75,435	71,142	3,834	459	94.3	5.1	0.6
Pacific.....	213,166	192,666	19,076	1,424	90.4	8.9	0.7
NEW ENGLAND:							
Maine.....	79,955	60,612	17,956	1,387	73.8	22.5	1.7
New Hampshire.....	78,658	55,574	23,888	1,196	68.1	30.4	1.5
Vermont.....	33,788	28,946	4,631	211	85.7	13.7	0.6
Massachusetts.....	584,559	390,544	173,280	20,735	66.8	29.6	3.5
Rhode Island.....	113,538	72,239	36,674	4,625	63.6	32.3	3.0
Connecticut.....	210,792	154,724	50,647	5,231	73.4	24.0	2.6
MIDDLE ATLANTIC:							
New York.....	1,003,981	702,637	293,525	7,819	70.0	29.2	0.8
New Jersey.....	326,223	256,498	82,186	1,538	77.2	25.2	2.2
Pennsylvania.....	877,543	679,831	168,605	29,107	77.5	19.2	3.3
EAST NORTH CENTRAL:							
Ohio.....	446,934	372,694	68,996	5,244	83.4	15.4	1.2
Indiana.....	186,984	161,117	22,555	3,612	86.2	11.9	1.9
Illinois.....	465,764	382,691	76,156	6,917	82.2	16.3	1.5
Michigan.....	231,499	197,777	31,205	2,517	85.4	13.5	1.1
Wisconsin.....	182,583	156,734	21,582	4,267	85.8	11.8	2.3
WEST NORTH CENTRAL:							
Minnesota.....	84,767	73,058	11,423	306	86.2	13.5	0.4
Iowa.....	61,128	51,128	9,460	1,047	83.0	15.3	1.7
Missouri.....	152,993	119,950	29,195	3,818	78.4	19.1	2.5
North Dakota.....	2,789	2,489	243	57	89.2	8.7	2.0
South Dakota.....	3,602	3,099	457	86	86.0	12.7	1.3
Nebraska.....	24,336	20,763	3,356	217	85.3	13.8	0.9
Kansas.....	44,215	40,643	3,337	235	91.9	7.5	0.5
SOUTH ATLANTIC:							
Delaware.....	21,238	17,205	3,504	520	81.0	16.5	2.5
Maryland.....	107,921	72,416	28,957	6,548	67.1	26.8	6.1
District of Columbia.....	7,707	6,861	827	19	83.0	10.7	3.2
Virginia.....	105,073	88,191	13,869	3,622	83.5	13.1	3.4
West Virginia.....	63,896	58,335	4,505	1,053	91.3	7.1	1.6
North Carolina.....	121,473	86,082	21,693	13,698	70.9	17.9	11.3
South Carolina.....	73,046	50,848	12,793	6,405	69.6	17.5	12.9
Georgia.....	104,588	83,998	14,549	6,041	80.3	13.9	5.8
Florida.....	57,473	53,520	3,012	911	93.1	5.2	1.6
EAST SOUTH CENTRAL:							
Kentucky.....	65,400	55,072	9,495	533	84.2	14.5	1.3
Tennessee.....	73,840	63,016	8,379	2,445	83.3	11.3	3.3
Alabama.....	72,148	63,413	5,082	3,653	87.9	7.0	5.1
Mississippi.....	50,384	47,287	2,039	1,058	93.9	4.0	2.1
WEST SOUTH CENTRAL:							
Arkansas.....	44,982	43,763	694	525	97.3	1.5	1.2
Louisiana.....	76,165	70,153	4,473	1,539	92.1	5.9	2.0
Oklahoma.....	13,143	12,345	675	123	93.9	5.1	0.9
Texas.....	70,230	65,092	3,882	1,296	92.7	5.5	1.8
MOUNTAIN:							
Montana.....	11,655	11,436	189	30	98.1	1.6	0.3
Idaho.....	8,220	8,033	155	30	97.7	1.9	0.4
Wyoming.....	2,867	2,810	45	12	98.0	1.6	0.4
Colorado.....	28,067	25,808	2,094	165	92.0	7.5	0.6
New Mexico.....	4,149	3,986	82	6	96.2	2.0	1.6
Arizona.....	6,441	6,366	38	37	96.8	0.6	0.6
Utah.....	11,785	10,470	1,205	110	98.8	10.2	0.9
Nevada.....	2,257	2,222	26	9	98.4	1.2	0.4
PACIFIC:							
Washington.....	69,120	66,042	2,812	266	95.5	4.1	0.4
Oregon.....	28,750	26,406	2,246	98	91.8	7.8	0.3
California.....	115,236	100,218	14,018	1,600	89.9	12.2	0.9

Comparison with previous censuses as to sex and age.—The following table shows, for all industries combined, the distribution of the average number of wage earners according to age periods, and in the case of those 16 years of age or over according to sex, for 1909, 1904, and 1899. As already explained (p. 452), the distribution for 1909 is estimated on the basis of the actual proportions reported for a single represent-

ative day, while the figures for the other two censuses represent averages computed from the number of each class reported for each month of the year.

Table 15

CLASS.	AVERAGE NUMBER OF WAGE EARNERS.					
	1909		1904		1899	
	Number.	Per cent distribution.	Number.	Per cent distribution.	Number.	Per cent distribution.
Total.....	6,615,046	100.0	5,468,383	100.0	4,712,763	100.0
16 years of age and over.	6,453,653	97.6	5,308,498	97.1	4,551,487	96.6
Male.....	5,163,164	78.1	4,242,643	77.6	3,632,977	77.1
Female.....	1,290,389	19.5	1,065,855	19.5	918,310	19.5
Under 16 years of age.....	161,493	2.4	159,885	2.9	161,276	3.4

From an examination of this table it will be seen that, while the numbers of men and women workers increased at each census, the number of children under 16 years of age has been comparatively stationary. For all industries combined there was a slight net increase during the 10 years in the number of children employed, although from 1899 to 1904 the number decreased. The percentage which children represent of the total number of wage earners, however, decreased from census to census. The proportion of adult female wage earners has been the same at each census, while the proportion of adult males has increased slightly.

Comparison of sex and age distribution in selected industries: 1909, 1904, and 1899.—Table 16 shows, in percentages, the distribution of wage earners according to sex and age periods, in 1909, 1904, and 1899, for all industries of any importance in which the proportion of women and children is relatively high or in which the absolute number of women and children is large. The percentages for the three years are comparable though not precisely parallel, for the reason that those for 1909 relate to the number employed on December 15, or the nearest representative day, which in the case of many establishments in some industries was in another month than December, while those for 1904 and 1899 (in which years reports were made for each month of the average number of wage earners by sex and age) are based upon the average number in each group for the month of December. Nevertheless, the figures should be very closely comparable for nearly all industries.

In about three-fifths of the 61 industries shown in this table the number of females 16 years of age or over and of children under the age of 16, taken together, formed a smaller proportion of the wage earners reported for December in 1909 than in 1899, or, in other words, the proportion of males 16 years of age or over increased during the decade. In the cotton-goods industry, in which the number of women and children is greater than in any other industry, each of these classes represented a smaller

percentage of the total number of wage earners in 1909 than in 1899. Similar changes have occurred in the men's clothing and the hosiery and knit-goods industries, both of which are important as employers of women and children. In the silk and woolen industries the proportion of women has increased slightly, but the proportion of children under 16 has decreased. For the tobacco-products industry, in which the proportion of

children has likewise decreased, a marked increase is shown in the proportion of women employed.

Among the 61 industries listed in the table there were 22 in which the percentage of children was higher in 1909 than in 1899, but most of these are relatively unimportant industries. The most conspicuous increase in the proportion of children employed is in the manufacture of bags, other than paper.

Table 16

PER CENT OF ALL WAGE EARNERS EMPLOYED.¹

INDUSTRY.	16 years of age and over.									Under 16 years of age.		
	Male.			Female.								
	1909	1901	1899	1909	1904	1899	1909	1904	1899			
	Artificial flowers and feathers and plumes.....	13.1	14.1	12.9	83.7	80.7	79.1	3.1	5.2	8.0		
Awnings, tents, and sails.....	56.0	59.5	65.1	42.4	39.4	31.0	1.6	1.2	0.9			
Bags, other than paper.....	34.0	34.0	31.3	56.8	60.2	65.3	9.2	5.9	3.4			
Bags, paper.....	50.9	52.0	53.6	47.3	45.2	45.4	1.8	2.7	1.0			
Baking powders and yeast.....	52.7	47.0	49.9	44.9	51.3	48.4	2.4	1.7	1.7			
Boots and shoes, including cut stock and findings.....	62.6	63.4	66.6	33.3	33.2	33.4	4.1	3.4	3.1			
Boxes and shoes, rubber.....	59.3	57.1	60.3	38.1	39.8	38.2	2.6	3.1	1.5			
Boxes, cigar.....	44.5	44.5	46.4	49.4	50.0	49.4	5.8	5.1	4.2			
Boxes, fancy and paper.....	32.8	29.3	27.9	60.0	64.5	65.9	7.1	6.2	6.2			
Bread and other bakery products.....	81.3	79.6	79.2	16.7	18.1	17.7	2.0	2.3	3.1			
Buttons.....	60.0	50.8	47.4	36.5	45.9	47.2	3.5	3.3	5.4			
Canning and preserving.....	43.1	48.2	55.6	49.8	45.7	40.0	7.1	6.1	4.4			
Carpets and rugs, other than rag.....	56.2	51.0	48.4	39.7	43.3	44.1	4.1	5.7	7.5			
Clocks and watches, including cases and materials.....	61.7	61.8	63.8	36.2	36.9	34.4	2.1	1.4	1.8			
Clothing, horse.....	32.4	36.8	25.2	58.5	56.6	65.5	9.1	6.6	9.2			
Clothing, men's, including shirts.....	42.4	37.6	33.9	55.5	60.0	63.4	2.0	2.4	2.6			
Clothing, women's.....	35.8	33.9	29.6	63.3	64.4	69.4	6.9	0.8	0.9			
Coffee and spice, roasting and grinding.....	59.4	60.3	51.9	39.1	46.3	46.1	1.4	2.0	2.0			
Confectionery.....	35.9	35.9	44.7	58.1	59.3	49.8	6.0	4.8	5.4			
Copper, tin, and sheet-iron products.....	84.6	85.0	86.7	12.3	12.4	9.2	3.0	2.6	4.1			
Cordage and twine and jute and linen goods.....	48.3	57.6	55.2	41.8	35.6	36.8	6.8	6.7	8.1			
Cork, cutting.....	54.2	45.1	43.8	40.4	46.7	48.2	5.3	8.3	8.0			
Corsets.....	12.6	10.9	9.9	83.9	86.3	87.4	3.5	2.8	2.7			
Cotton goods, including cotton small wares.....	50.9	46.5	44.8	38.7	40.5	41.9	10.7	12.9	13.3			
Dyeing and finishing textiles.....	79.6	80.2	81.9	18.0	15.9	14.4	2.4	3.9	3.7			
Electrical machinery, apparatus, and supplies.....	76.4	80.6	82.8	22.7	18.3	15.8	0.9	1.0	1.5			
Fireworks.....	54.3	55.7	54.7	40.9	39.0	36.7	4.3	5.3	8.6			
Flags, banners, regalia, society badges, and emblems.....	33.7	32.8	28.2	61.7	65.6	69.6	1.6	1.6	2.9			
Flavoring extracts.....	56.8	51.7	51.2	41.1	46.5	46.5	2.0	1.8	2.3			
Food preparations.....	67.9	59.0	65.6	30.6	39.2	31.7	1.5	1.8	2.7			
Foundry and machine-shop products.....	97.3	97.3	97.7	2.0	1.9	1.4	0.8	0.8	0.9			
Fur goods.....	59.1	57.3	45.3	40.5	42.3	53.9	0.4	0.4	0.7			
Furnishing goods, men's.....	21.8	14.1	14.7	76.1	84.3	83.3	2.1	1.6	2.0			
Gloves and mittens, leather.....	42.7	39.6	30.9	54.9	58.3	67.1	2.4	2.1	2.0			
Gold and silver, leaf and foil.....	43.2	45.5	51.0	53.4	51.8	46.8	3.5	2.8	2.2			
Hair work.....	34.4	17.8	13.9	63.4	80.5	85.8	2.1	1.7	0.4			
Hats, fur-felt.....	69.9	70.3	70.2	28.0	27.6	28.4	2.1	2.1	1.4			
Hats, straw.....	34.0	33.4	30.2	64.3	65.6	66.2	1.7	0.9	1.5			
Hosiery and knit goods.....	27.4	24.2	25.0	64.5	66.2	64.5	8.1	9.6	10.5			
House-furnishing goods, not elsewhere specified.....	50.5	56.0	57.3	47.8	41.5	40.5	1.6	2.5	2.2			
Jewelry.....	68.8	71.9	67.2	28.4	26.1	31.0	2.8	2.0	1.8			
Jewelry and instrument cases.....	44.6	47.7	48.5	52.9	51.0	47.5	2.5	1.3	4.0			
Leather goods.....	81.8	79.7	84.4	15.7	17.3	12.3	2.5	3.0	3.3			
Mattresses and spring beds.....	79.9	79.7	77.0	18.4	18.8	20.4	1.7	1.5	2.6			
Millinery and lace goods.....	19.9	13.4	16.9	77.2	85.1	81.9	2.9	1.5	1.2			
Needles, pins, and hooks and eyes.....	45.6	47.5	50.9	46.7	46.5	44.0	7.7	6.0	5.1			
Paper and wood pulp.....	87.1	85.9	86.2	12.6	12.6	15.5	0.4	0.4	0.4			
Paper goods, not elsewhere specified.....	49.5	41.5	46.0	47.4	55.3	51.6	3.2	3.2	2.4			
Patent medicines and compounds and druggists' preparations.....	46.6	42.2	44.5	51.3	55.4	53.9	2.1	2.4	1.6			
Peanuts, grading, roasting, cleaning, and shelling.....	20.2	19.7	.....	75.1	75.4	.....	1.7	4.9	.....		
Penicils, lead.....	41.8	42.1	35.8	50.9	54.0	51.9	7.4	3.8	12.3			
Pens, steel.....	15.5	9.3	13.6	81.1	83.7	78.8	3.4	7.0	7.6			
Pottery, terra-cotta, and fire-clay products.....	87.4	85.8	87.2	11.2	11.8	10.5	1.5	2.4	2.3			
Printing and publishing.....	75.1	74.5	74.8	22.4	22.9	20.6	2.4	2.6	4.7			
Silk and silk goods, including throwsters.....	35.0	34.1	36.6	57.1	56.7	53.4	8.0	9.2	10.0			
Slaughtering and meat packing.....	93.1	92.0	93.1	6.3	6.7	4.5	0.6	1.2	2.4			
Stationery goods, not elsewhere specified.....	53.1	49.6	42.9	41.1	46.5	50.7	5.9	3.9	6.4			
Surgical appliances and artificial limbs.....	49.4	48.4	54.3	47.6	49.8	40.3	3.0	1.8	5.1			
Tobacco manufactures.....	49.9	54.1	57.8	46.5	41.3	37.6	3.6	4.6	4.7			
Umbrellas and canes.....	44.3	39.3	39.9	51.7	55.0	56.0	4.0	4.7	4.1			
Woolen, worsted, and felt goods, and wool hats.....	53.0	52.8	53.0	41.3	39.6	39.7	5.7	7.0	7.2			

¹ For 1904 and 1899 the percentages are based on the average numbers reported for the month of December; for 1909, on the number employed on Dec. 15, or the nearest representative day.

Comparison of sex and age distribution, by states: 1909, 1904, and 1899.—Table 17 shows, for each geographic division and state, for 1909, 1904, and

1899, respectively, the percentage of the average number of wage earners employed during the year represented by males 16 years of age or over, females 16

years of age or over, and children under 16 years of age. For 1909 the percentages have been computed from the returns for a representative day in the manner described on page 452; for the other two years the bases of calculation are average numbers computed for the year from the returns made for each month.

Table 17 PER CENT OF AVERAGE NUMBER OF WAGE EARNERS.

DIVISION AND STATE.	16 years of age and over.								
	Male.			Female.			Under 16 years of age.		
	1909	1904	1899	1909	1904	1899	1909	1904	1899
United States.....	78.1	77.6	77.1	19.5	19.5	19.5	2.4	2.9	3.4
GEOGRAPHIC DIVISIONS:									
New England.....	69.1	69.1	68.4	27.9	28.0	28.7	3.0	2.9	2.9
Middle Atlantic.....	73.3	73.9	73.3	24.7	25.5	24.4	2.0	2.7	3.3
East North Central.....	84.0	83.8	84.4	14.5	14.5	13.2	1.5	1.7	2.4
West North Central.....	83.1	83.6	83.4	15.4	14.2	13.6	1.5	2.3	3.0
South Atlantic.....	78.0	75.4	74.7	15.6	17.0	17.4	6.3	7.6	7.9
East South Central.....	87.4	85.9	86.2	9.5	9.7	9.0	3.1	4.3	4.8
West South Central.....	94.3	92.6	91.3	4.7	5.5	6.4	1.7	1.9	2.4
Mountain.....	93.6	93.6	94.4	5.1	5.2	4.2	0.6	1.3	1.3
Pacific.....	90.4	88.6	85.5	8.9	10.3	12.6	0.7	1.2	1.9
NEW ENGLAND:									
Maine.....	75.8	75.6	72.1	22.5	22.4	24.8	1.7	2.0	3.1
New Hampshire.....	68.1	68.1	67.1	30.4	30.5	30.4	1.5	1.5	2.4
Vermont.....	85.7	85.6	85.2	11.9	12.3	14.1	0.6	0.7	0.9
Rhode Island.....	66.6	66.9	66.6	29.6	30.1	30.6	3.6	3.0	2.8
Connecticut.....	63.6	63.0	62.7	32.3	31.6	31.6	4.1	5.4	5.7
73.4	73.1	72.3	24.0	24.5	25.6	2.6	2.4	2.1	
MIDDLE ATLANTIC:									
New York.....	70.0	70.4	69.3	29.2	28.6	29.0	0.8	0.9	1.7
New Jersey.....	72.5	73.4	73.3	25.2	23.6	23.1	2.3	3.0	3.7
Pennsylvania.....	77.5	77.9	77.7	19.2	17.6	17.4	3.3	4.5	4.9
EAST NORTH CENTRAL:									
Ohio.....	83.4	83.4	84.0	15.4	15.2	14.7	1.2	1.4	1.3
Indiana.....	86.2	85.3	86.9	11.9	12.3	11.4	1.9	2.2	2.5
Illinois.....	82.2	82.8	82.6	16.3	15.9	14.4	1.5	1.3	3.0
Michigan.....	85.4	84.3	86.2	13.5	13.8	12.2	1.1	1.9	1.6
Wisconsin.....	85.8	85.4	86.0	11.8	11.9	9.9	2.3	2.7	4.0
WEST NORTH CENTRAL:									
Minnesota.....	86.2	87.4	88.5	13.5	12.1	10.4	0.4	0.5	1.1
Iowa.....	83.0	83.0	83.1	15.3	14.8	12.9	1.7	2.2	4.0
Missouri.....	78.4	79.5	78.1	19.1	17.1	18.5	2.5	3.4	3.5
North Dakota.....	89.2	86.7	90.7	8.7	11.3	6.8	2.0	2.0	2.5
South Dakota.....	86.0	87.4	91.4	12.7	11.2	3.6	1.3	1.3	4.9
Nebraska.....	85.3	85.5	86.9	13.8	12.5	9.2	0.9	2.0	3.9
Kansas.....	91.9	90.4	89.9	7.5	7.6	7.2	0.5	2.0	2.9
SOUTH ATLANTIC:									
Delaware.....	81.0	80.5	79.8	16.5	16.0	16.1	2.5	3.5	4.1
Maryland.....	86.2	87.4	86.9	26.8	26.7	28.5	1.9	3.0	4.0
District of Columbia.....	89.0	89.1	87.1	10.7	9.7	11.7	0.2	1.2	1.2
Virginia.....	83.5	81.0	79.5	13.1	14.9	14.9	3.4	4.0	5.5
West Virginia.....	91.3	91.0	89.0	7.1	7.4	8.5	1.6	2.6	2.4
North Carolina.....	70.9	64.9	65.0	17.8	21.4	20.9	11.3	13.6	14.1
South Carolina.....	69.6	63.3	61.9	17.5	20.2	20.1	12.9	16.4	18.0
Georgia.....	80.3	78.5	80.4	13.9	13.6	12.1	5.8	7.9	7.5
Florida.....	93.1	94.2	94.8	5.2	5.0	4.3	1.6	0.8	0.9
EAST SOUTH CENTRAL:									
Kentucky.....	84.2	82.8	84.1	14.5	13.9	11.8	1.3	3.3	4.3
Tennessee.....	85.3	85.4	85.1	11.3	10.9	10.6	3.3	3.6	4.2
Alabama.....	87.9	86.0	87.0	7.0	7.3	6.6	5.1	6.6	6.5
Mississippi.....	93.9	91.4	90.8	4.0	5.3	5.4	2.1	3.3	3.8
WEST SOUTH CENTRAL:									
Texas.....	97.3	96.9	96.7	1.5	1.5	1.3	1.2	1.6	2.0
Louisiana.....	92.1	89.4	85.0	5.9	8.2	12.3	2.0	2.4	2.7
Oklahoma.....	93.9	92.0	94.7	5.1	6.0	3.2	0.9	2.0	2.1
Texas.....	92.7	93.3	93.2	5.5	5.1	4.4	1.8	1.7	2.4
MOUNTAIN:									
Montana.....	98.1	97.7	98.1	1.6	1.6	0.9	0.3	0.7	1.1
Idaho.....	97.7	95.8	96.5	1.9	2.9	2.1	0.4	1.3	1.4
Wyoming.....	98.0	92.8	98.5	1.6	1.8	0.7	0.4	0.4	0.7
Colorado.....	92.0	92.4	93.4	7.5	6.2	5.5	0.6	1.4	1.0
New Mexico.....	96.4	97.4	96.5	2.0	1.5	2.4	1.6	1.1	1.0
Arizona.....	98.8	98.9	98.0	0.6	0.7	0.9	0.6	0.4	1.1
Utah.....	88.8	84.9	86.1	10.2	12.6	10.7	0.9	2.4	3.2
Nevada.....	98.4	98.5	95.4	1.2	1.0	1.2	0.4	0.5	3.4
PACIFIC:									
Washington.....	95.5	96.9	97.2	4.1	2.9	2.0	0.4	0.2	0.8
Oregon.....	91.8	90.9	90.4	7.8	8.0	7.7	0.3	1.1	1.9
California.....	86.9	84.4	79.7	12.2	14.0	17.9	0.9	1.6	2.4

In every geographic division except New England, children under 16 years of age constituted a smaller proportion of the average number of wage earners in 1909 than in 1899, while the proportion in New Eng-

land rose slightly, wholly on account of increased proportions in Massachusetts and Connecticut. The proportion of children decreased during the decade in all but five of the states, the exceptions being Massachusetts, Connecticut, Maryland (where there was very little change), Florida, and New Mexico. In the Middle Atlantic, East North Central, West North Central, East South Central, and Mountain divisions women 16 years of age or over represented a larger proportion of the total in 1909 than in 1899, but in the other divisions they constituted a somewhat smaller proportion. Most of the individual states show comparatively little change in the proportion of women, the most conspicuous increases being in certain states where the manufacturing industries are still comparatively undeveloped, such as South Dakota and Nebraska. Marked decreases in the proportion of women took place in Louisiana and California.

Wage earners employed, by months.—The following table gives the number of wage earners employed on the 15th of each month during the year 1909 for all industries combined. For purposes of comparison figures for 1904 are also given, but these are on a slightly different basis, since at that census each establishment was asked to report the average number employed for each month rather than the number employed on a specified day of each month.

Table 18 WAGE EARNERS IN ALL MANUFACTURING INDUSTRIES.¹

MONTH.	Number.				Per cent of maximum.	
	1909		1904		1909	1904
	1909	1904	1909	1904		
January.....	6,210,063	5,262,472	88.6	92.7		
February.....	6,297,627	5,330,471	89.9	93.9		
March.....	6,423,517	5,450,726	91.7	96.0		
April.....	6,437,633	5,493,343	91.9	96.8		
May.....	6,457,279	5,512,373	92.2	97.1		
June.....	6,517,469	5,463,804	93.0	96.2		
July.....	6,486,676	5,325,966	92.6	93.8		
August.....	6,656,933	5,420,618	95.0	95.5		
September.....	6,988,765	5,608,412	98.5	98.8		
October.....	6,997,690	5,676,920	99.9	100.0		
November.....	7,006,833	5,587,028	100.0	98.4		
December.....	6,990,652	5,490,453	99.8	96.7		

¹ The numbers for 1909 represent the number employed on the 15th of each month, or the nearest representative day; those for 1904, the average number employed during each month.

In 1909 the largest number of wage earners, 7,006,833, was employed in November, and the smallest number, 6,210,063, in January, this number being equal to 88.6 per cent of the maximum. In 1904 the largest number was employed in October and the smallest number in January, the minimum representing 92.7 per cent of the maximum. In 1909 a fairly constant increase in employment was shown from January to November, except that the number employed in July was a little lower than in June.

The figures for employment by months for all industries combined fail to show fully the variations in employment, since a variation in one direction in one industry may be offset by a variation in the opposite direction in another industry. Except for distinctly

seasonal industries, however, the employment in most of the important industries of the country appears to have been comparatively steady throughout the year 1909. The following table shows the amount of variation in certain industries. It gives (1) the 14 industries which reported the largest average number of wage earners, including all reporting 100,000 or more, and (2) the 12 industries which show the greatest variations in employment, including all (except one or two employing less than 1,000 wage earners each) in which the number for the month of least activity is less than one-half that for the month of greatest activity.

Table 19 WAGE EARNERS.

INDUSTRY.	Average number.	Maximum number.		Minimum number.		Per cent of maximum.
		Month.	Number.	Month.	Number.	
<i>Principal industries.</i>						
Lumber and timber products.....	695,019	Nov...	739,160	Jan...	649,239	87.8
Foundry and machine-shop products.....	531,011	Dec...	597,234	Jan....	482,080	80.7
Cotton goods, including cotton small wares.....	378,880	Dec...	383,529	Jan....	374,433	97.6
Cars and general shop construction and repairs by steam-railroad companies...	282,174	Dec...	301,538	May...	268,700	89.1
Printing and publishing.....	258,434	Dec...	269,884	July...	251,757	93.3
Iron and steel, steel works and rolling mills.....	240,076	Dec...	283,629	Mar...	215,076	75.8
Clothing, men's, including shirts.....	239,696	Dec...	251,349	Jan....	230,650	91.8
Boots and shoes, including cut stock and findings.....	198,297	Dec...	207,452	May...	190,382	91.8
Woolen, worsted, and felt goods, and wool hats.....	168,722	Nov...	173,943	Jan....	155,318	91.0
Tobacco manufactures.....	166,510	Dec...	176,369	Jan....	161,563	91.6
Clothing, women's.....	153,743	Oct...	167,525	July...	135,034	80.6
Hosiery and knit goods.....	129,275	Nov...	134,540	Jan....	123,308	91.7
Bread and refrigerators.....	128,452	Nov...	136,615	Jan....	120,524	88.2
Bread and other bakery products.....	100,216	Oct...	102,770	Jan....	96,639	94.0
<i>Industries showing large variation.</i>						
Brick and tile.....	76,528	July...	104,930	Jan....	38,312	36.5
Canning and preserving.....	59,908	Sept...	154,800	Jan....	19,998	12.9
Fertilizers.....	18,310	Mar...	23,310	July...	14,264	48.7
Oil, cottonseed, and cake.....	17,071	Nov...	29,334	July...	5,174	17.6
Ice, manufactured.....	16,114	July...	22,872	Jan....	9,847	43.1
Artificial stone.....	9,957	Aug...	12,884	Jan....	4,856	37.7
Hats, straw.....	8,814	Mar...	11,488	July...	4,700	40.9
Beet sugar.....	7,204	Nov...	16,807	Feb...	2,246	13.1
Sugar and molasses.....	4,127	Nov...	15,761	Feb...	559	3.5
Vinegar and cider.....	1,542	Oct...	3,464	Mar...	886	25.6
Grindstones.....	1,394	May...	1,665	Jan....	795	47.7
Rice, cleaning and polishing.....	1,239	Oct...	2,017	July...	436	21.6

Considering first the principal industries, it will be seen that the greatest regularity of employment was in the manufacture of cotton goods, in which the number employed during the month of least activity, January, was equal to 97.6 per cent of the number employed in the month of greatest activity, Decem-

ber. Other industries in which the number for the month of least activity was more than 90 per cent of the number for the month of greatest activity are the manufacture of boots and shoes, bakeries, the men's clothing industry, the tobacco-products industry, the manufacture of woolen goods and of hosiery and knit goods, and printing and publishing. Among the principal industries the greatest variation appears in the steel works and rolling mills, in which the number employed during March, the month of least activity, was only 75.8 per cent of the number employed during December, the month of greatest activity. The women's clothing and foundry and machine shop industries also show a comparatively large degree of variation in the number employed.

The lumber industry, as already stated, includes logging camps as well as sawmills, and also includes planing mills and wooden packing-box factories. The variation in employment in all of these branches taken together for the country as a whole is not very great, the number employed during the month of least activity being 87.8 per cent of the number employed during the month of greatest activity. For the logging camps alone, however, there is greater variation, the number employed during July, 170,587, being only 76.6 per cent of the number employed in December, which was 222,564. Furthermore, since in different sections of the country the active season in the woods covers different months, if the operations of the logging camps in each geographic division are considered separately, a much wider variation appears in the number employed, this being particularly true in the Northern states.

There are a number of industries which are conspicuously seasonal in character. In the case of some of these the weather will not permit work except at certain seasons, and in others the raw material used is available only at certain seasons and must be handled immediately, while in the case of the remainder the demand for the products is conspicuously seasonal. The most variable large industry is canning and preserving, which naturally is confined mainly to the period at which fruits and vegetables are harvested. The industry includes the canning and preserving of fish and oysters, which is carried on in the winter months; if this were excluded there would necessarily be a much greater variation in the numbers employed. In this industry the number employed during January, the month of least activity, formed only 12.9 per cent of the number employed during September.

CHARACTER OF OWNERSHIP.

Summary for United States.—The table that follows has for its purpose the presentation of conditions in respect to the character of ownership, or legal organization, of manufacturing enterprises. Comparative figures are given, covering all industries combined, for the censuses of 1909 and 1904. Similar data for 1899 are not available.

CHARACTER OF OWNERSHIP.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
All classes:				
1909.....	268,491	6,615,046	\$20,672,061,870	\$8,528,280,992
1904.....	216,180	5,468,383	14,793,902,663	6,293,694,753
Average per establishment—				
1909.....		25	76,993	31,767
1904.....		25	68,433	29,113
Individual:				
1909.....	140,605	804,883	2,042,061,500	968,824,072
1904.....	113,946	755,923	1,702,830,624	824,292,887
Average per establishment—				
1909.....		6	14,523	6,890
1904.....		7	14,944	7,234
Firm:				
1909.....	54,265	794,836	2,184,107,632	851,383,741
1904.....	47,934	841,242	2,132,536,604	930,143,823
Average per establishment—				
1909.....		15	40,249	17,532
1904.....		18	44,489	19,405
Corporation:				
1909.....	69,501	5,002,393	16,341,116,634	6,582,207,117
1904.....	51,097	3,862,698	10,904,069,307	4,526,055,153
Average per establishment—				
1909.....		72	235,121	94,721
1904.....		76	213,399	88,578
Other:				
1909.....	4,120	12,934	104,766,104	26,846,062
1904.....	3,203	8,520	54,466,028	13,202,890
Average per establishment—				
1909.....		3	25,429	6,516
1904.....		3	17,005	4,122
Per cent of total—				
1909.....	100.0	100.0	100.0	100.0
1904.....	100.0	100.0	100.0	100.0
Individual:				
1909.....	52.4	12.2	9.9	11.4
1904.....	52.7	13.8	11.5	13.1
Firm:				
1909.....	20.2	12.0	10.6	11.2
1904.....	22.2	15.4	14.4	14.8
Corporation:				
1909.....	25.9	75.6	79.0	77.2
1904.....	23.6	70.6	73.7	71.9
Other:				
1909.....	1.5	0.2	0.5	0.3
1904.....	1.5	0.2	0.4	0.2

The most important distinction shown is that between corporate and all other forms of ownership. Of the total number of establishments reported as engaged in manufacturing industries in 1909, 25.9 per cent were under corporate ownership. The corresponding figure for 1904 was 23.6 per cent. While corporations thus controlled only about one-fourth of the total number of establishments, they gave employment to a large proportion of all wage earners reported, namely, 75.6 per cent in 1909 and 70.6 per cent in 1904. The value of the products of the factories operated by corporations represented 79 per cent of the total value of products for all establishments in 1909 and 73.7 per cent in 1904. These figures show that even during this short period of five years the corporate form of ownership increased so greatly that it represented an appreciably larger proportion of the manufacturing interests of the country in 1909 than in 1904.

Partnerships (including limited partnerships) controlled about one-fifth of the total number of manufacturing establishments in 1909, and individuals rather more than one-half of the total number. These two classes of establishments were about equal in volume of business, each reporting in the neighborhood of one-eighth of the total number of wage earners and one-tenth of the total value of products in 1909. During the five years from 1904 to 1909 partnerships lost ground, relatively, to a greater degree than individual ownership, presumably because of the incorporation of many concerns previously operated by firms.

In 1909 there were 4,120 establishments operated by cooperative companies and other miscellaneous forms of ownership that could not be classified as individual, firm, or corporate ownership. These establishments gave employment to only two-tenths of 1 per cent of the wage earners, and the value of their products was only five-tenths of 1 per cent of the total value reported for all establishments.

From 1904 to 1909 the average number of wage earners per establishment decreased for all three principal classes of ownership, while the average value of products per establishment decreased for the establishments under individual and firm ownership but increased for corporate ownership.

Proportion of business done by corporations in the principal industries: 1909 and 1904.—Table 21 on the following page, shows, for the principal industries, the number of manufacturing establishments operated by corporations in 1909 and 1904, and the percentage which they represent of the entire number of establishments; also the value of the manufactured products made in establishments under corporate ownership and the percentage which this represents of the total value. The figures as to total value, on which the percentages are based, will be found in Table 110. Two important industries, the repair shops of steam railroads and the smelting and refining of copper, are not shown separately in this table, as to do so would disclose the operations of individual establishments.

This table shows that in industries where a large investment in plant and machinery is necessary to the proper conduct of the business, the establishments are as a rule operated by corporations, it being easier under this form of ownership to obtain the necessary capital. All of the establishments engaged in the smelting and refining of lead in 1909 were operated by corporations, and more than 90 per cent of the blast furnaces, steel works and rolling mills, cottonseed-oil mills, and establishments manufacturing steam-railroad cars were under this form of ownership. The general tendency has been toward an increase in the proportion of the establishments operated by corporations, and 35 of the 41 selected

industries show an increase in this respect. In 24 of the 41 selected industries, less than 50 per cent of the establishments were operated by corporations.

As a rule corporations control a much larger proportion of the output of manufactures than they do of the number of establishments. In 16 of the 41 industries the value of the products reported by corporations formed in 1909 more than 90 per cent of the value

reported for all establishments, and in all but 5 of the industries the corporations reported more than 50 per cent of the total value of products. In only 1 of the selected industries, the manufacture of women's clothing, did the proportion of the total value of products reported by corporations fall as low as one-fourth. In this industry it formed only 23.6 per cent of the total value reported for 1909.

Table 21

INDUSTRY.	NUMBER OF ESTABLISHMENTS.						VALUE OF PRODUCTS OF ESTABLISHMENTS OPERATED BY CORPORATIONS.			
	Total.		Operated by corporations.				Amount.		Per cent of total	
			Number.		Per cent of total.					
	1909	1904	1909	1904	1909	1904	1909	1904	1909	1904
All industries.....	268,491	216,180	69,501	51,097	25.9	23.6	\$16,341,116,634	\$10,904,069,307	79.0	73.7
Agricultural implements.....	640	648	349	327	54.5	50.5	140,653,575	105,325,880	96.1	94.0
Automobiles including bodies and parts.....	743	178	478	113	64.3	63.5	235,802,964	26,454,851	94.6	88.1
Boots and shoes, including cut stock and findings.....	1,918	1,895	734	561	38.3	29.6	365,716,678	210,493,693	71.3	58.8
Brass and bronze products.....	1,021	813	417	271	40.8	33.3	134,981,702	89,004,043	90.0	86.9
Bread and other bakery products.....	23,926	18,226	838	483	3.5	2.6	140,238,713	86,595,177	35.3	32.1
Butter, cheese, and condensed milk.....	8,479	8,926	1,313	1,355	15.5	15.5	113,430,555	61,309,538	41.3	36.5
Canning and preserving.....	3,767	3,168	1,167	940	31.0	29.7	116,496,603	78,308,836	74.2	60.6
Carriages and wagons and materials.....	5,492	5,588	854	806	16.1	14.4	109,348,007	96,894,926	68.4	62.2
Cars, steam-railroad, not including operations of railroad companies.....	110	73	104	67	94.5	91.8	120,486,355	109,079,572	97.4	98.1
Chemicals.....	349	275	266	207	76.2	75.3	115,290,377	65,786,129	96.0	87.5
Clothing, men's, including shirts.....	6,354	5,145	824	538	13.0	10.5	187,167,188	.....	32.9	.....
Clothing, women's.....	4,558	3,351	583	319	12.8	9.5	90,696,932	40,168,946	23.6	18.6
Confectionery.....	1,944	1,348	585	384	30.6	28.5	96,821,995	52,802,483	71.8	60.6
Copper, tin, and sheet-iron products.....	4,228	2,540	1,034	591	24.5	23.3	140,640,465	80,398,170	74.9	67.0
Cotton goods, including cotton small wares.....	1,524	1,154	1,113	822	84.1	79.9	598,770,230	417,926,307	95.3	92.8
Electrical machinery, apparatus, and supplies.....	1,009	784	720	524	71.4	66.8	218,088,053	133,777,339	96.3	95.0
Flour-mill and gristmill products.....	11,691	10,051	2,271	1,732	19.4	17.2	588,189,883	429,730,098	66.6	60.3
Foundry and machine-shop products.....	13,253	10,765	6,408	4,542	48.4	42.2	1,062,715,968	724,924,320	88.1	82.3
Furniture and refrigerators.....	3,155	2,593	1,499	1,128	47.5	43.5	192,097,264	128,051,459	80.1	72.0
Gas, illuminating and heating.....	1,296	1,019	1,091	931	84.2	91.4	165,108,539	123,788,392	99.0	98.9
Hosiery and knit goods.....	1,374	1,144	651	476	47.4	41.6	142,021,832	.....	71.0	.....
Iron and steel, blast furnaces.....	298	190	185	182	93.8	95.8	386,391,856	226,518,168	98.7	97.7
Iron and steel, steel works and rolling mills.....	446	413	424	385	95.1	92.8	980,546,617	666,630,620	99.5	98.9
Leather goods.....	2,375	1,918	569	403	24.0	21.0	61,527,700	39,869,146	58.8	48.5
Leather, tanned, curried, and finished.....	919	1,049	454	391	49.4	37.3	250,226,374	168,736,461	70.3	66.8
Liquors, distilled.....	613	805	229	178	37.4	22.1	180,427,167	116,399,668	88.1	88.7
Liquors, malt.....	1,414	1,530	996	930	70.4	60.8	338,480,960	263,219,137	90.3	88.2
Lumber and timber products.....	40,671	25,153	6,969	4,900	17.1	19.5	795,810,129	536,795,071	68.7	60.7
Marble and stone work.....	4,964	2,608	811	467	16.3	17.9	54,859,987	.....	48.5	.....
Oil, cottonseed, and cake.....	817	715	756	677	92.5	94.7	141,730,982	95,817,578	95.8	97.3
Paint and varnish.....	791	639	526	360	66.5	56.3	106,349,811	75,473,279	85.2	83.1
Paper and wood pulp.....	777	761	683	687	81.5	77.1	248,435,331	169,665,695	92.8	89.9
Patent medicines and compounds and druggists' preparations.....	3,042	2,777	1,610	1,161	44.2	41.8	111,493,887	81,531,451	78.5	69.7
Petroleum, refining.....	147	88	131	83	89.1	84.7	232,539,969	169,548,502	98.1	96.9
Printing and publishing.....	31,445	27,793	7,184	5,354	22.8	19.3	516,400,736	368,729,392	70.0	66.7
Silk and silk goods, including throwsters.....	852	624	468	315	54.9	50.5	134,495,867	92,403,120	68.3	69.3
Slaughtering and meat packing.....	1,641	1,221	488	288	29.7	24.4	1,215,428,015	793,971,346	88.7	86.1
Smelting and refining, lead.....	28	32	28	28	100.0	87.5	167,406,650	185,366,977	100.0	99.8
Sugar and molasses, not including beet sugar.....	233	344	114	112	48.9	32.6	255,885,127	223,554,594	91.6	80.7
Tobacco manufactures.....	15,822	16,827	723	563	4.6	3.3	277,102,771	188,186,069	66.5	56.8
Woolen, worsted, and felt goods, and wool hats.....	985	1,074	578	518	58.7	48.2	363,283,846	239,810,937	83.3	75.1
All other industries.....	63,070	49,923	22,277	15,958	35.3	32.0	4,425,406,968	3,136,410,027	82.8	83.3

Proportion of business done by corporations, by states: 1909 and 1904.—Table 22 shows, for the geographic divisions and for each state, the number of manufacturing establishments operated by corporations in 1909 and 1904, and the percentage which they represent of the entire number of establishments;

also the value of the manufactured products made in establishments under corporate ownership, and the percentage which this represents of the total value. The figures as to total value for each of the states, on which the percentages are based, will be found in Table 111.

Table 22

DIVISION AND STATE.	NUMBER OF ESTABLISHMENTS.						VALUE OF PRODUCTS OF ESTABLISHMENTS OPERATED BY CORPORATIONS.			
	Total.		Operated by corporations.				Amount.		Per cent of total.	
			Number.		Per cent of total.					
	1909	1904	1909	1904	1909	1904	1909	1904	1909	1904
United States	268,491	316,180	69,501	51,097	25.9	23.6	\$16,341,116,634	\$10,904,069,307	79.0	73.7
GEOGRAPHIC DIVISIONS:										
New England.....	25,351	22,279	7,300	5,572	28.8	25.0	2,173,070,560	1,509,457,541	81.4	74.5
Middle Atlantic.....	81,315	67,699	17,785	12,460	21.9	18.4	5,133,389,739	3,417,242,344	71.9	65.5
East North Central.....	60,013	51,754	17,755	14,093	29.6	27.2	4,434,329,994	2,913,000,832	85.1	80.8
West North Central.....	27,171	21,492	6,649	4,816	24.5	22.4	1,513,583,331	1,044,005,587	83.9	81.3
South Atlantic.....	28,068	19,564	6,765	4,820	24.1	24.7	1,059,302,614	701,534,357	76.7	72.0
East South Central.....	15,381	10,311	3,558	2,672	23.1	25.9	494,623,131	349,227,144	78.5	75.2
West South Central.....	12,339	8,279	3,403	2,298	27.6	27.8	509,339,325	216,236,430	81.4	75.9
Mountain.....	5,254	3,610	1,743	1,114	33.3	30.8	328,652,051	220,401,412	90.3	90.5
Pacific.....	19,579	11,192	4,543	3,252	33.5	29.1	695,018,111	423,992,759	82.4	76.9
NEW ENGLAND:										
Maine.....	3,546	3,145	861	671	24.3	21.3	136,156,275	101,575,154	77.3	70.5
New Hampshire.....	1,961	1,618	424	338	21.6	20.9	126,642,602	88,159,093	76.9	71.3
Vermont.....	1,958	1,696	372	309	19.0	18.2	42,641,046	36,373,592	62.4	57.7
Massachusetts.....	11,684	10,723	3,483	2,555	29.8	23.8	1,182,935,652	810,543,002	79.4	72.1
Rhode Island.....	1,951	1,617	659	512	33.8	31.7	243,426,998	158,322,601	86.8	78.3
Connecticut.....	4,251	3,477	1,501	1,187	35.3	34.1	441,267,987	314,484,099	90.0	85.2
MIDDLE ATLANTIC:										
New York.....	44,935	37,194	9,345	6,086	20.8	16.4	2,108,026,670	1,396,924,211	62.6	56.1
New Jersey.....	8,817	7,010	2,560	1,834	29.0	26.2	971,904,531	617,236,276	84.8	79.7
Pennsylvania.....	27,563	23,495	5,880	4,540	21.3	19.3	2,053,458,538	1,403,081,857	78.2	71.7
EAST NORTH CENTRAL:										
Ohio.....	15,138	13,785	5,123	4,008	33.8	29.1	1,249,778,444	777,392,416	86.9	80.9
Indiana.....	7,969	7,044	2,363	1,915	29.7	27.2	495,570,090	317,481,228	85.6	80.6
Illinois.....	18,026	14,921	5,209	4,145	28.9	27.8	1,646,518,916	1,170,026,840	83.8	83.6
Michigan.....	9,159	7,446	2,638	2,044	28.8	27.4	571,102,107	328,185,756	83.4	76.5
Wisconsin.....	9,721	8,558	2,422	1,981	24.9	23.1	471,560,437	310,912,592	79.8	75.6
WEST NORTH CENTRAL:										
Minnesota.....	5,561	4,756	1,326	922	23.5	19.4	330,924,567	234,013,794	80.8	76.0
Iowa.....	5,528	4,785	1,317	1,041	23.8	21.8	189,182,389	116,246,585	73.0	72.4
Missouri.....	8,375	6,464	2,447	1,847	29.2	28.6	508,761,173	378,405,293	88.6	86.3
North Dakota.....	752	507	133	81	17.7	16.0	13,586,608	5,146,817	71.0	50.4
South Dakota.....	1,020	686	216	112	21.2	16.3	9,870,131	6,003,547	55.2	45.9
Nebraska.....	2,500	1,819	487	359	19.5	19.7	175,621,402	138,623,978	88.2	89.5
Kansas.....	3,435	2,475	723	454	21.0	18.3	285,637,061	164,565,576	87.9	83.0
SOUTH ATLANTIC:										
Delaware.....	726	631	202	160	27.5	25.0	36,071,988	128,921,912	68.3	70.3
Maryland.....	4,837	3,852	873	650	18.0	16.9	207,102,289	147,744,248	65.6	60.7
District of Columbia.....	518	482	122	91	23.6	18.9	16,544,835	10,150,928	64.5	55.3
Virginia.....	5,685	3,187	1,099	702	19.3	22.0	163,780,071	109,546,390	74.5	73.6
West Virginia.....	2,586	2,109	813	638	31.4	30.3	140,385,264	78,951,053	86.7	79.7
North Carolina.....	4,931	3,272	1,339	879	27.2	26.9	182,140,664	113,510,110	84.1	79.6
South Carolina.....	1,854	1,399	564	464	36.4	33.2	102,403,671	70,493,378	90.4	88.8
Georgia.....	4,792	3,219	1,252	931	26.1	28.9	165,057,980	114,976,572	81.4	76.1
Florida.....	2,159	1,413	501	308	23.2	21.7	45,815,852	12,239,766	62.9	54.2
EAST SOUTH CENTRAL:										
Kentucky.....	4,776	3,734	1,147	862	24.0	23.1	178,650,245	117,046,726	79.8	73.3
Tennessee.....	4,609	3,175	1,068	785	23.2	24.7	133,750,538	97,285,799	74.2	70.5
Alabama.....	3,398	1,882	788	578	23.2	30.7	123,502,394	92,725,327	84.6	84.9
Mississippi.....	2,598	1,820	555	447	21.4	29.4	58,719,954	42,169,292	72.9	73.4
WEST SOUTH CENTRAL:										
Arkansas.....	2,925	1,907	640	518	21.9	27.2	55,385,992	38,724,917	74.2	71.9
Louisiana.....	2,516	2,061	910	700	36.2	33.5	183,303,633	138,977,223	81.8	74.6
Oklahoma.....	2,310	1,123	501	1242	21.7	21.5	39,390,339	17,401,144	73.4	71.1
Texas.....	4,588	3,158	1,352	839	29.5	26.6	231,059,361	120,133,146	84.7	79.8
MOUNTAIN:										
Montana.....	677	382	203	118	30.0	30.9	68,458,197	63,369,703	93.4	95.4
Idaho.....	725	364	260	105	27.6	28.8	6,982,034	6,136,137	75.8	70.0
Wyoming.....	268	169	168	155	25.0	32.0	14,664,800	12,751,358	74.6	78.1
Colorado.....	2,034	1,606	698	478	34.3	29.8	116,991,543	89,377,091	90.0	89.2
New Mexico.....	313	199	96	53	30.4	25.6	16,253,689	14,645,600	79.2	81.4
Arizona.....	311	169	122	71	38.6	42.0	148,305,675	27,135,784	96.1	96.6
Utah.....	749	606	294	203	39.3	33.5	56,234,329	34,765,530	90.7	89.3
Nevada.....	177	115	70	34	37.3	29.6	10,761,784	2,220,209	90.5	71.7
PACIFIC:										
Washington.....	3,674	2,751	1,444	926	39.3	33.7	185,171,875	103,215,882	83.9	80.1
Oregon.....	2,246	1,602	640	409	28.5	25.5	70,781,269	40,034,288	76.1	72.1
California.....	7,659	6,839	2,459	1,917	32.1	28.0	439,064,967	280,742,589	82.9	76.5

1 Includes establishments operated under other forms of ownership, to avoid disclosing individual operations. There were eight of these establishments in 1909 and seven in 1904 which were included in the total for geographic divisions but are not included in the total for the United States.

Table 22 shows that in most of the states in 1909 the number of manufacturing establishments owned by corporations represented between one-fifth and one-third of the total number of manufacturing establishments. Vermont, North Dakota, Nebraska, Maryland, and Virginia were the only states in which less than one-fifth of the establishments were owned by corporations, and Rhode Island, Connecticut, Ohio, Louisiana, and five states in the western part of the country were the only ones in which over one-third were under this form of ownership. In a large majority of the states the proportion of establishments operated by corporations was larger in 1909 than in 1904, the exceptions being Nebraska, Virginia, South Carolina, Georgia, Tennessee, Alabama, Mississippi, Arkansas, Montana, Idaho, Wyoming, and Arizona.

In most of the states between three-fifths and nine-tenths of the total value of manufactured products in 1909 was reported by establishments under corporate

ownership. The only state in which the proportion was less than three-fifths was South Dakota, while in Connecticut, South Carolina, Montana, Colorado, Arizona, Utah, and Nevada the proportion was nine-tenths or more. Among the great manufacturing states, New York is conspicuous for the comparatively small proportion, 62.6 per cent, of the value of its products contributed by this class of establishments. In almost every state a larger percentage of the total value of products was reported by such establishments in 1909 than in 1904, thus indicating that the tendency toward the incorporation of manufacturing concerns, particularly the larger concerns, is general and to a considerable degree independent of variations in state legislation regarding corporations. The only states in which the proportion of the total value produced by corporations was less in 1909 than in 1904 are Nebraska, Delaware, Alabama, Mississippi, Montana, Wyoming, New Mexico, and Arizona, and the difference in each case was slight.

SIZE OF ESTABLISHMENTS.

Summary for United States.—The tendency for manufacturing to become concentrated in large establishments, or the reverse, is a matter of interest from the standpoint of industrial organization. In order to throw some light upon it, Table 23 groups the establishments in all industries combined according to the value of their products, and shows for each group, for 1909 and 1904, the number of wage earners, value of products, and value added by manufacture, together with the percentage of the respective totals represented by each group. It also gives the average size of establishments as measured by these three items; the changes in this average are, however, much less significant than the changes in the percentages for the several groups.

Of the 268,491 establishments reported as engaged in manufacturing industries in 1909, there were 3,060, or 1.1 per cent, whose products were valued at more than \$1,000,000 each. The corresponding figures for 1904 were 1,900 establishments out of 216,180, or nine-tenths of 1 per cent. While these establishments represented a comparatively small proportion of the total number of establishments, they gave employment to a much larger proportion of all the wage earners reported, namely, 30.5 per cent in 1909 and 25.6 per cent in 1904. The value of products of such establishments represented 43.8 per cent of the total value of products in 1909 and 38 per cent in 1904.

The figures indicate that establishments of this class produced a considerably larger proportion of the manufactures of the country in 1909 than in 1904. It should be noted that the increased proportion is due partly to the fact that certain establishments included in the other groups in 1904 were included in this group in 1909 as the result of an increase in the value of their output.

Table 23 VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
All classes: 1909	268,491	6,815,046	\$20,672,051,870	\$8,528,260,992
1904	216,180	5,468,383	14,793,902,863	6,293,694,753
Less than \$5,000:				
1909	93,349	142,430	222,463,847	144,246,008
1904	71,147	106,353	176,128,212	114,781,124
\$5,000 and less than \$20,000:				
1909	86,988	470,006	904,645,664	509,907,934
1904	72,791	419,466	751,047,759	424,129,643
\$20,000 and less than \$100,000:				
1909	57,270	1,090,449	2,544,426,711	1,258,317,991
1904	48,096	1,027,047	2,123,257,883	1,090,271,887
\$100,000 and less than \$1,000,000:				
1909	27,824	2,896,532	7,946,935,255	3,572,746,038
1904	22,246	2,515,064	6,109,012,638	2,782,641,883
\$1,000,000 and over:				
1909	3,060	2,015,629	9,053,580,393	3,044,043,021
1904	1,900	1,400,453	5,628,456,171	1,881,870,216
Per cent of total:				
1909	100.0	100.0	100.0	100.0
1904	100.0	100.0	100.0	100.0
Less than \$5,000:				
1909	34.8	2.2	1.1	1.7
1904	32.9	1.9	1.2	1.8
\$5,000 and less than \$20,000:				
1909	32.4	7.1	4.4	6.0
1904	33.7	7.7	5.1	6.7
\$20,000 and less than \$100,000:				
1909	21.3	16.5	12.3	14.8
1904	22.2	18.8	14.4	17.3
\$100,000 and less than \$1,000,000:				
1909	10.4	43.8	38.4	41.9
1904	10.3	46.0	41.3	44.2
\$1,000,000 and over:				
1909	1.1	30.5	43.8	35.7
1904	0.9	25.6	38.0	29.9
Average per establishment:				
1909		25	\$76,993	\$31,767
1904		25	68,433	29,113

In 1909 establishments with a product valued between \$100,000 and \$1,000,000 gave employment to 43.8 per cent of the wage earners, and the value of their products formed 38.4 per cent of the total. Establishments with a product valued between \$20,000 and \$100,000 gave employment to about one-sixth of the wage earners, and the value of their products formed about one-eighth of the total. The establishments which

had a product valued between \$5,000 and \$20,000, constituted about one-third of the whole number, but gave employment to only 7.1 per cent of the wage earners, and the value of their products formed only 4.4 per cent of the total. Establishments that had a product in 1909 valued at less than \$5,000 also formed about one-third of the total number, but they gave employment to only 2.2 per cent of the wage earners and turned out products whose value amounted to only 1.1 per cent of the total. In this class of establishments a large proportion of the work was done by the proprietors and firm members.

Of the five classes designated, the class of establishments with products valued at \$1,000,000 or over is the only one that reported a larger proportion of the total value of products in 1909 than in 1904, every other class having lost relatively. The same statement is true as to the number of wage earners, except that the establishments of smallest size, as well as those of largest size, have gained somewhat in their proportion of the total number employed.

During the five years 1904-1909 the average value of products per establishment increased from \$68,433 to \$76,993, and the average value added by manufacture from \$29,113 to \$31,767. These changes can scarcely be taken as in themselves indicating a tendency toward concentration, as the increased values shown are due in part to the increase that has taken place in the prices of commodities. The average number of wage earners per establishment was the same at the two censuses, namely, 25.

Relative importance of large establishments in the principal industries: 1909 and 1904.—The following table shows for the principal industries of the United States, for 1909 and 1904, the number of establishments manufacturing products to the value of \$1,000,000 or more, and the percentage which such establishments represent of the total number of establishments; also the value of products made by establishments of this class and the proportion which that value represents of the total for all establishments in the industry.

INDUSTRY.	NUMBER OF ESTABLISHMENTS.						VALUE OF PRODUCTS OF ESTABLISHMENTS REPORTING PRODUCTS VALUED AT \$1,000,000 OR OVER.			
	Total.		Reporting products valued at \$1,000,000 or over.				Amount.		Percent of total.	
	1909	1904	1909	1904	Per cent of total.		1909	1904	1909	1904
					Number.	Per cent of total.				
All Industries	268,491	216,180	3,060	1,900	1.1	0.9	\$9,053,580,393	\$5,628,456,171	43.8	38.0
Agricultural implements.....	640	648	34	27	5.3	4.2	94,138,206	58,479,820	64.3	52.2
Automobiles, including bodies and parts.....	743	175	56	10	7.5	5.6	170,386,862	13,996,669	68.4	46.6
Boots and shoes, including cut stock and findings.....	1,918	1,895	135	162	7.0	3.3	244,547,642	119,079,802	47.7	33.3
Brass and bronze products.....	1,021	813	24	17	2.4	2.1	85,947,143	151,736,593	57.3	50.5
Bread and other bakery products.....	23,926	18,226	21	14	0.1	0.1	36,385,586	23,088,467	9.2	8.6
Butter, cheese, and condensed milk.....	8,479	8,926	9	(1)	0.1	.....	11,933,853	(1)	4.3	.....
Canning and preserving.....	3,767	3,168	13	4	0.3	0.1	23,468,494	5,627,911	14.9	9.3
Carrriages and wagons and materials.....	5,492	5,888	13	8	0.2	0.1	23,926,135	15,957,216	15.0	4.0
Cars and general shop construction and repairs by steam-railroad companies.....	1,145	1,140	94	68	8.2	6.0	189,111,516	125,617,900	46.6	40.6
Cars, steam-railroad, not including operations of railroad companies.....	110	73	25	25	22.7	34.2	99,841,717	98,706,346	80.7	88.8
Chemicals.....	349	275	31	18	8.9	6.5	70,806,560	36,296,917	60.2	45.3
Clothing, men's, including shirts.....	6,354	5,143	84	58	1.3	1.1	167,971,252	101,580,521	29.6	24.9
Clothing, women's.....	4,558	3,351	22	11	0.5	0.3	30,612,144	14,037,712	8.0	5.7
Confectionery.....	1,944	1,348	12	5	0.6	0.4	18,998,220	7,733,842	14.1	8.9
Copper, tin, and sheet-iron products.....	4,223	2,540	27	15	0.6	0.6	44,988,549	25,257,976	22.5	21.1
Cotton goods, including cotton small wares.....	1,324	1,154	163	99	12.3	8.6	332,345,643	197,881,132	52.9	43.9
Electrical machinery, apparatus, and supplies.....	1,069	784	31	22	3.1	2.8	126,375,340	85,154,294	57.1	60.5
Flour-mill and gristmill products.....	11,691	10,051	138	87	1.2	0.9	319,047,659	202,952,454	36.1	28.5
Foundry and machine-shop products.....	13,253	10,765	180	111	1.4	1.0	356,015,899	193,749,471	29.0	22.0
Furniture and refrigerators.....	3,155	2,593	11	8	0.3	0.3	29,070,913	12,529,557	8.4	7.0
Gas, illuminating and heating.....	1,296	1,019	28	24	2.2	2.4	96,395,457	73,898,211	57.8	59.0
Hosiery and knit goods.....	1,574	1,144	25	11	1.8	1.0	37,125,550	16,918,710	18.5	11.0
Iron and steel, blast furnaces.....	203	190	86	49	41.3	25.8	835,992,823	173,321,243	85.8	74.8
Iron and steel, steel works and rolling mills.....	446	415	186	131	41.7	31.6	896,764,339	570,175,787	91.0	84.6
Leather, tanned, curried, and finished.....	919	1,049	78	48	8.5	4.6	157,911,458	91,567,225	48.2	36.2
Liquors, distilled.....	613	805	39	22	6.4	2.7	148,433,755	101,537,912	72.5	77.4
Liquors, malt.....	1,414	1,530	67	46	4.7	3.0	138,046,347	84,069,197	36.8	28.2
Lumber and timber products.....	40,671	25,153	72	*26	0.2	0.1	103,756,410	*35,550,164	9.0	4.0
Oil, cottonseed, and cake.....	817	715	17	9	2.1	1.3	35,974,829	21,351,063	24.3	22.1
Paint and varnish.....	791	639	26	16	3.3	2.5	44,109,139	29,873,089	35.3	32.9
Paper and wood pulp.....	777	761	50	30	6.4	3.9	93,580,398	47,301,705	35.0	25.1
Patent medicines and compounds and druggists' preparations.....	3,642	2,777	19	*14	0.5	0.5	33,632,561	*26,851,722	23.7	22.9
Petroleum, refining.....	147	98	35	19	23.8	19.4	208,671,648	154,910,488	88.0	88.3
Printing and publishing.....	31,445	27,793	74	*43	0.2	0.2	137,082,261	*82,419,032	18.6	14.9
Silk and silk goods, including throwsters.....	852	624	37	23	4.3	3.7	68,579,806	39,778,944	34.8	29.8
Slaughtering and meat packing.....	1,641	1,221	165	*110	10.1	9.0	1,176,461,413	*773,222,035	85.8	83.9
Smelting and refining, copper.....	38	40	32	31	84.2	77.5	375,133,093	238,328,190	99.0	99.0
Smelting and refining, lead.....	28	32	21	18	75.0	56.2	166,045,144	181,011,667	92.4	97.4
Tobacco manufactures.....	15,822	16,827	64	43	0.4	0.3	203,834,122	123,000,821	49.0	37.1
Woolen, worsted, and felt goods, and wool hats.....	985	1,074	86	63	8.7	5.9	248,343,965	135,993,881	57.0	42.6
All other industries.....	69,459	53,613	729	455	1.0	0.8	1,880,724,222	1,242,336,558	37.2	33.9

¹ The statistics for three establishments omitted, to avoid the disclosure of individual operations.

² The statistics for two establishments omitted, to avoid the disclosure of individual operations.

³ The statistics for one establishment omitted, to avoid the disclosure of individual operations.

The total value of products for each industry as a whole, from which the percentages in the last two columns are calculated, appears in Table 110. Three important industries, the manufacture of leather goods, marble and stone work, and sugar and molasses, are not shown in the table in order to avoid the disclosure of individual operations.

While the gross value of products is in some respects not the best criterion of the relative importance of different industries or of different states or sections in respect to manufacturing business, it is a fairly satisfactory standard for comparing different classes of establishments within the same industry. Table 24 shows, as might be expected, exceedingly wide variation among the different industries in respect to the proportion of large establishments, and in respect to the proportion of the total value of products which is reported by such establishments. The industry in which establishments reporting products to the value of \$1,000,000 or more constitute the largest proportion of the total number of establishments is the smelting and refining of copper, followed, in order, by the smelting and refining of lead, steel works and rolling mills, blast-furnaces, the refining of petroleum, and the construction of steam-railroad cars. In each of these industries in 1909 establishments of this class constituted more than one-fifth of the total number, and in the smelting and refining of copper they constituted about five-sixths of the total. In these industries, moreover, establishments of this size reported exceptionally high proportions of the total value of products. The smelting and refining of lead and of copper ranked highest in this respect, with 99.2 and 99 per cent, respectively, of the total value of products reported by establishments with a value of products above \$1,000,000. The slaughtering and meat-packing industry, also, though its proportion of large establishments is not conspicuously high, shows a very high proportion of the total value of products, 85.8 per cent, reported from such establishments.

On the other hand, there are a number of industries in which the smaller establishments predominate and in which only a very small proportion of the total value of products is contributed by establishments manufacturing products to the value of \$1,000,000 or more. In the bakery, butter, cheese, and condensed-milk, women's clothing, furniture, and lumber industries the proportion of the total value of products reported by such establishments is less than 10 per cent, and there are several other industries of importance in which the proportion is less than 20 per cent.

In practically every industry named in the table the number of establishments manufacturing products to the value of \$1,000,000 or more increased materially

from 1904 to 1909, and constituted a larger proportion of the total number of establishments in the later year than in the earlier. In the same way the value of the products of such establishments in nearly every industry constituted a larger proportion of the total value in 1909 than in 1904, the only exceptions being in the manufacture of electrical machinery, apparatus, and supplies, the construction of railroad cars, the illuminating-gas industry, the distillery industry, and the refining of petroleum.

Relative importance of large establishments, by states: 1909 and 1904.—Table 25 presents, by states grouped according to geographic divisions, statistics showing the relative importance of the establishments having a product valued at \$1,000,000 or over for the census years 1909 and 1904. Certain states are not shown separately, as to do so would disclose individual operations.

The differences among the several states with respect to the extent to which manufacturing is carried on in large establishments are dependent in part upon the character of the industries predominant in each state. It also depends in part upon the degree to which those industries have been developed; in those states in which manufactures are extensive the large establishments are likely, other conditions being equal, to do a greater proportion of the manufacturing than in states where manufactures are relatively unimportant.

The state in which establishments manufacturing products to the value of \$1,000,000 or more represented the largest proportion of the total number of establishments in 1909 was Rhode Island, with 3.5 per cent, followed by Arizona and Massachusetts, in the order named. The proportion in New York, the leading manufacturing state, was comparatively low, 1 per cent. There are several states in which such establishments represented only a small fraction of 1 per cent of the total number.

In most of the states the large establishments contributed a very considerable proportion of the entire value of manufactured products. The state in which this proportion was the highest in 1909 is Arizona, with 84.1 per cent, followed by Nebraska, Montana, Kansas, New Jersey, Illinois, Utah, and Pennsylvania, in each of which states the products of establishments of this class represented more than one-half of the total value. The predominance of the smelting and refining of copper and lead in the Mountain states named, of the slaughtering and meat-packing industry in Kansas and Nebraska, of the slaughtering and the iron and steel industries in Illinois, of the iron and steel industry in Pennsylvania, and of the smelting and refining of copper and the refining of petroleum in New Jersey serve in a large measure to explain these high

percentages. In New York, the most important manufacturing state, 37 per cent of the total value of products was reported by establishments of the class under consideration, this comparatively low percentage being the result in part of the great magnitude in that state

of the clothing industries, which are mostly conducted in small establishments. Of the states given in the table those in which the proportion of the total value of products reported by large establishments is less than 10 per cent are Oklahoma, Arkansas, and Florida.

Table 25

STATE.	NUMBER OF ESTABLISHMENTS.						VALUE OF PRODUCTS OF ESTABLISHMENTS REPORTING PRODUCTS VALUED AT \$1,000,000 OR OVER.			
	Total.		Reporting products valued at \$1,000,000 or over.				Amount.		Per cent of total.	
			Number.		Per cent of total.					
	1909	1904	1909	1904	1909	1904	1909	1904	1909	1904
United States	268,491	216,180	3,060	1,900	1.1	0.9	\$9,953,580,393	\$5,628,456,171	43.8	38.0
NEW ENGLAND:										
Maine.....	3,546	3,145	25	17	0.7	0.5	57,250,905	32,815,822	32.5	22.8
New Hampshire.....	1,961	1,618	34	20	1.7	1.2	80,784,016	45,369,594	49.1	36.7
Vermont.....	1,958	1,639	4	6	0.2	0.4	7,195,281	8,475,059	10.5	13.4
Massachusetts.....	11,684	10,723	293	191	2.5	1.8	719,811,362	458,142,511	48.3	40.8
Rhode Island.....	1,951	1,617	69	41	3.5	2.5	135,285,205	80,055,916	48.3	39.6
Connecticut.....	4,251	3,477	93	65	2.2	1.9	241,562,058	157,091,418	49.3	42.7
MIDDLE ATLANTIC:										
New York.....	44,935	37,194	470	294	1.0	0.8	1,245,968,072	816,099,837	37.0	32.8
New Jersey.....	8,817	7,010	194	121	2.2	1.7	649,848,742	384,853,547	66.7	49.7
Pennsylvania.....	27,503	23,495	400	284	1.5	1.2	1,531,111,312	901,539,525	50.7	46.1
EAST NORTH CENTRAL:										
Ohio.....	15,138	13,785	245	136	1.6	1.0	666,243,771	331,726,477	46.3	34.5
Indiana.....	7,969	7,044	42	45	1.2	0.6	272,079,664	134,974,371	47.1	34.3
Illinois.....	18,026	14,921	273	168	1.5	1.1	1,078,746,101	755,157,389	56.2	53.5
Michigan.....	9,159	7,446	88	41	1.0	0.6	258,341,090	100,138,469	37.7	23.3
Wisconsin.....	9,721	8,558	86	58	0.9	0.7	228,084,707	124,948,292	38.6	30.4
WEST NORTH CENTRAL:										
Minnesota.....	5,561	4,756	65	39	1.2	0.8	198,507,729	132,541,419	48.5	43.1
Iowa.....	5,528	4,785	29	11	0.5	0.2	95,585,315	41,089,284	36.9	25.6
Missouri.....	8,375	6,464	94	68	1.1	1.1	271,595,630	189,336,754	47.3	43.1
Nebraska.....	2,590	1,819	17	9	0.7	0.5	137,183,162	110,015,458	68.9	71.0
Kansas.....	3,435	2,475	34	21	1.0	0.8	204,385,280	114,177,287	62.9	57.6
SOUTH ATLANTIC:										
Delaware.....	726	631	7	9	1.0	1.4	16,892,803	13,711,604	32.0	33.3
Maryland.....	4,837	3,852	41	34	0.8	0.9	124,586,041	95,606,842	39.5	39.3
District of Columbia.....	518	482	3	(1)	0.6	.....	5,012,734	(1)	19.8	.....
Virginia.....	5,685	3,187	26	15	0.5	0.5	59,124,682	34,071,439	26.9	22.9
West Virginia.....	2,686	2,109	33	14	1.3	0.7	62,481,805	25,154,989	38.6	25.4
North Carolina.....	4,931	3,272	22	9	0.4	0.3	58,608,316	30,411,650	27.1	21.3
South Carolina.....	1,854	1,399	17	13	0.9	0.9	24,887,694	17,817,060	22.0	22.4
Georgia.....	4,752	3,219	18	10	0.4	0.3	34,084,085	20,664,194	16.8	13.7
Florida.....	2,159	1,413	4	.....	0.2	.....	4,496,649	.....	6.1	.....
EAST SOUTH CENTRAL:										
Kentucky.....	4,776	3,734	29	17	0.6	0.5	62,164,920	38,590,336	27.8	24.2
Tennessee.....	4,609	3,175	17	11	0.4	0.3	30,567,045	18,790,261	17.0	13.6
Alabama.....	3,398	1,882	22	14	0.6	0.7	42,048,999	25,070,580	28.8	23.0
WEST SOUTH CENTRAL:										
Arkansas.....	2,925	1,907	4	(1)	0.1	.....	5,443,573	(1)	7.3	.....
Louisiana.....	2,516	2,091	23	13	0.9	0.6	75,417,505	54,118,186	33.7	29.0
Oklahoma.....	2,310	1,123	4	.....	0.2	.....	4,884,270	.....	9.1	.....
Texas.....	4,588	3,158	30	17	0.8	0.5	102,054,306	39,030,054	37.4	25.9
MOUNTAIN:										
Montana.....	677	382	6	6	0.9	1.6	49,871,216	52,545,498	68.1	79.1
Colorado.....	2,094	1,636	20	15	1.0	1.0	38,645,799	30,670,463	45.1	30.6
Arizona.....	311	169	9	7	2.9	4.1	42,276,901	22,761,981	84.1	81.0
Utah.....	749	696	7	5	0.9	0.8	33,100,176	20,978,066	53.4	53.9
PACIFIC:										
Washington.....	3,674	2,751	20	13	0.5	0.5	42,379,727	28,001,570	19.2	21.7
Oregon.....	2,246	1,602	8	5	0.4	0.3	14,398,817	7,873,317	15.5	14.2
California.....	7,659	6,839	71	31	0.9	0.5	202,103,929	105,272,449	38.2	28.7
All other states ?.....	5,853	3,560	8	6	0.1	0.2	17,938,938	8,162,677	10.8	8.0

¹ Excluded to avoid disclosures of individual establishments, but included in the total for the United States.

² All other states embrace Idaho, Mississippi, Nevada, North Dakota, and Wyoming in 1909 and Arkansas, District of Columbia, Mississippi, and New Mexico in 1904.

In a large majority of the states, establishments manufacturing products to the value of \$1,000,000 or more represented a larger proportion of the total number of establishments in 1909 than in 1904, and reported a larger proportion of the total value of

products in the later year than in the earlier. The only states where this was not true with respect to the value of products are Vermont, Delaware, South Carolina, Nebraska, Montana, Colorado, Utah, and Washington.

Establishments grouped according to number of wage earners: 1909.—In some respects, and especially from the standpoint of conditions under which persons engaged in manufactures work, the best classification of establishments to bring out the feature of size is a classification according to the number of wage earners employed, which is shown by Table 26.

Table 26

ESTABLISHMENTS, WAGE EARNERS, AND PER CENT OF TOTAL.

ESTABLISHMENTS EMPLOYING—	ESTABLISHMENTS, WAGE EARNERS, AND PER CENT OF TOTAL.		Per cent of total.	
	Number of establishments.	Average number of wage earners.	Estab-lish-ments.	Wage earners.
Total	268,491	6,615,046	100.0	100.0
No wage earners.....	27,712	16.3	10.3	0.7
1 to 5 wage earners.....	136,289	311,704	50.8	4.7
6 to 20 wage earners.....	57,198	640,735	21.3	9.7
21 to 50 wage earners.....	23,344	754,408	8.8	11.6
51 to 100 wage earners.....	10,964	782,298	4.1	11.8
101 to 250 wage earners.....	8,116	1,258,639	3.0	19.0
251 to 500 wage earners.....	2,965	1,006,457	1.1	15.2
501 to 1,000 wage earners.....	1,223	837,473	0.5	12.7
Over 1,000 wage earners.....	540	1,013,274	0.2	15.3

Of the 268,491 establishments reported for all industries, 10.3 per cent employed no wage earners; 50.8 per cent, from 1 to 5; 21.3 per cent, 6 to 20; and 8.8 per cent, 21 to 50. The most numerous single group consists of the 136,289 establishments employing from 1 to 5 wage earners, and the next of the 57,198 establishments employing from 6 to 20 wage earners. There were 4,668 establishments that reported the employment of over 250 wage earners; 540 of these employed over 1,000.

The single group having the largest number of wage earners was the group comprising the establishments employing from 101 to 250. This group employed 1,258,639 wage earners, or 19 per cent of the total number.

Table 27 shows, for 1909, for all industries combined and for 43 industries individually the number of establishments and average number of wage earners, by groups, and the percentage of wage earners in each group for these industries.

Table 27

ESTABLISHMENTS EMPLOYING—

INDUSTRY.	ESTABLISHMENTS EMPLOYING—												Per cent wage earners in establishments employing specified number form of total.			
	Total.		No wage earners.		1 to 20 wage earners.		21 to 100 wage earners.		101 to 500 wage earners.		Over 500 wage earners.		1 to 20 wage earners.	21 to 100 wage earners.	101 to 500 wage earners.	Over 500 wage earners.
	Estab-lish-ments.	Wage earners (average number).	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.
All Industries	268,491	6,615,046	27,712	193,487	952,497	34,508	1,546,706	11,021	2,265,096	1,763	1,850,747	14.4	23.4	34.2	28.0	
Agricultural implements.....	640	50,551	40	372	2,067	133	6,496	77	17,902	18	24,176	4.1	12.7	35.4	47.8	
Automobiles, including bodies and parts	743	75,721	12	393	2,716	195	9,483	108	23,765	35	39,754	3.6	12.5	31.3	52.5	
Boots and shoes, including cut stock and findings.....	1,918	198,297	49	539	6,176	538	27,268	414	97,691	78	67,162	3.1	13.8	49.2	33.9	
Brass and bronze products.....	1,021	40,618	56	717	4,421	174	7,416	61	12,422	13	16,350	10.9	18.2	30.6	40.2	
Bread and other bakery products.....	23,926	100,216	3,643	19,751	60,112	426	17,977	101	17,880	5	4,247	59.9	17.9	17.9	4.2	
Butter, cheese, and condensed milk.....	8,479	18,431	1,025	7,332	12,634	115	4,852	7	9,445	.....	.....	68.5	26.3	5.1	.....
Canning and preserving.....	3,767	59,968	92	3,015	17,575	571	24,519	86	15,459	3	2,415	29.3	40.9	25.8	4.0	
Carrriages and wagons and materials.....	5,402	69,928	449	4,462	29,141	484	21,765	98	17,729	8	7,293	33.1	31.1	25.3	10.4	
Cars and general shop construction and repairs by steam-railroad companies.....	1,145	282,174	.....	251	2,349	310	16,841	418	101,068	166	161,856	0.9	6.0	35.8	57.4
Cars, steam-railroad, not including operations of railroad companies.....	110	43,086	1	12	130	36	1,886	59	9,669	22	31,401	0.3	4.4	22.5	72.8	
Chemicals.....	349	23,714	11	263	1,432	58	4,004	36	8,626	11	9,652	6.1	16.9	36.4	40.7	
Clothing, men's, including shirts.....	6,354	239,696	191	3,713	33,185	2,045	85,702	353	70,846	52	44,963	13.8	35.7	29.5	20.8	
Clothing, women's.....	4,568	153,743	68	2,438	23,813	1,754	74,965	292	51,014	6	3,951	15.3	48.7	33.1	2.6	
Confectionery.....	1,944	44,638	136	1,376	7,194	313	14,547	115	20,145	4	2,752	16.2	32.6	45.1	6.2	
Copper, tin, and sheet-iron products.....	4,228	73,615	183	3,498	17,035	407	16,962	124	26,931	16	12,087	23.9	3.1	36.6	16.4	
Cotton goods, including cotton small wares.....	1,324	378,880	3	139	1,418	405	22,851	573	135,735	204	218,876	0.3	6.0	35.9	57.7	
Electrical machinery, apparatus, and supplies.....	1,009	87,256	22	607	3,988	243	11,357	117	23,885	20	48,626	4.5	13.0	27.4	55.0	
Flour-mill and gristmill products.....	11,601	59,453	1,849	9,557	26,023	239	9,326	13	2,124	3	1,980	65.9	23.6	5.4	5.0	
Foundry and machine-shop products.....	13,253	501,011	639	8,561	54,963	2,902	133,613	1,009	205,427	149	193,008	10.3	25.2	38.3	26.7	
Furniture and refrigerators.....	3,155	128,452	95	1,655	11,569	1,106	33,607	287	53,458	12	9,818	9.0	41.5	41.6	7.6	
Gas, illuminating and heating.....	1,296	37,215	108	939	4,811	180	8,377	58	11,529	11	12,408	12.9	22.9	31.0	33.6	
Hosiery and knit goods.....	1,374	129,275	31	466	4,386	521	26,220	323	68,459	33	30,210	3.4	20.6	52.6	23.4	
Iron and steel, blast furnaces.....	208	38,429	.....	11	125	78	5,082	105	22,454	14	10,764	0.3	13.3	58.4	28.0
Iron and steel, steel works and rolling mills.....	446	240,076	.....	26	287	94	5,683	187	49,965	139	184,141	0.1	2.4	20.3	76.7
Leather goods.....	2,375	34,907	107	1,876	9,818	333	14,390	58	10,061	1	638	28.2	41.3	28.8	1.8	
Leather, tanned, curried, and finished.....	919	62,202	30	379	2,664	350	17,765	142	26,890	18	14,883	4.3	28.5	43.2	24.0	
Liquors, distilled.....	613	6,430	41	487	1,798	76	3,132	9	1,500	.....	.....	28.0	48.8	23.3	.....
Liquors, malt.....	1,414	54,579	23	752	5,078	551	24,656	80	15,034	8	7,831	12.9	45.2	27.6	14.4	
Lumber and timber products.....	40,671	695,019	909	33,992	185,140	4,559	196,704	1,214	241,234	87	70,941	26.8	28.3	34.7	10.2	
Marble and stone work.....	4,964	65,603	264	4,010	19,650	595	24,955	92	17,176	3	3,822	30.9	30.0	26.2	5.8	
Milk, cottonseed, and cake.....	817	17,071	.....	511	5,703	301	10,772	5	5,966	.....	.....	33.4	63.1	3.5	.....
Paint and varnish.....	791	14,240	38	602	3,073	117	5,139	33	5,397	1	631	21.5	36.1	37.9	4.4	
Paper and wood pulp.....	777	75,978	.....	193	2,231	352	17,849	215	43,993	17	11,968	2.9	23.4	57.9	15.8
Patent medicines and compounds and druggists' preparations.....	3,642	22,895	1,051	2,396	8,193	165	6,757	27	4,971	3	2,974	35.9	29.5	21.7	13.0	
Petroleum, refining.....	147	13,929	.....	75	718	43	1,810	23	6,265	6	5,106	5.1	13.0	44.2	36.6
Printing and publishing.....	31,445	258,434	6,940	22,254	93,663	1,877	79,316	344	63,249	30	22,195	36.3	30.7	24.4	8.6	
Silk and silk goods, including throwsters	852	99,697	3	243	2,512	335	17,604	243	52,830	28	26,091	2.6	17.8	53.3	26.4	
Shaver and razor, and meat packing.....	1,641	89,728	86	1,205	6,096	247	11,404	232	13,911	40	58,317	6.8	12.8	15.5	65.0	
Smelting and refining, copper.....	38	15,428	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Smelting and refining, lead.....	28	7,424	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sugar and molasses.....	214	4,127	.....	150	1,463	62	2,298	2	3,966	.....	.....	35.4	55.7	8.9	.....
Tobacco manufactures.....	15,822	166,810	4,995	9,823	34,483	695	30,070	258	55,483	51	49,774	20.6	18.0	33.3	28.1	
Woolen, worsted, and felt goods, and wool hats.....	985	168,722	30	219	1,578	346	19,924	234	67,460	56	79,790	1.0	11.8	40.0	47.2	
All other industries.....	61,906	1,657,840	4,501	44,041	243,350	10,137	450,452	2,844	566,708	383	397,330	.....	.....	.....	.....

In 17 of the 43 industries listed separately in the table, establishments employing from 1 to 100 wage earners reported more than one-half of the total number employed in each industry. In 5 of these industries, establishments employing from 101 to 500 wage earners reported more than one-half of the total number, while 8 establishments employing over 500 wage earners reported more than one-half of the total.

The highest proportion (76.7 per cent) of wage earners employed by establishments reporting an average of more than 500 was in the steel works and rolling mill branch of the iron and steel industry.

Table 28 shows, for 1909, for geographic divisions and states, the number of establishments and average number of wage earners, by groups, and the percentage of wage earners in each group, for these divisions and states.

Table 28

DIVISION AND STATE.	ESTABLISHMENTS EMPLOYING—										Per cent wage earners in establishments employing specified number form of total.					
	TOTAL.		No wage earners.		1 to 20 wage earners.		21 to 100 wage earners.		101 to 500 wage earners.		Over 500 wage earners.		1 to 20 wage earners.	21 to 50 wage earners.	51 to 100 wage earners.	Over 100 wage earners.
	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.				
United States.....	268,491	6,615,046	27,712	193,487	952,497	34,508	1,546,706	11,021	2,265,036	1,763	1,850,747	14.4	23.4	34.2	28.0	
GEOGRAPHIC DIVISIONS:																
New England.....	25,351	1,101,290	2,132	17,116	91,068	4,012	183,104	1,699	363,839	392	463,279	8.3	16.6	33.0	42.1	
Middle Atlantic.....	81,315	2,297,747	8,918	55,764	291,378	12,427	556,007	3,332	742,393	574	617,969	13.2	25.1	33.6	28.0	
East North Central.....	60,013	1,513,764	7,074	42,252	192,201	7,411	342,201	2,847	540,535	429	440,767	12.7	22.0	32.1	29.1	
West North Central.....	27,171	374,337	3,607	20,787	78,209	2,051	90,275	574	117,981	92	87,872	20.0	24.1	31.5	23.5	
South Atlantic.....	28,088	663,015	1,669	21,271	118,935	3,854	169,759	1,135	231,455	159	142,806	18.0	25.6	34.9	21.0	
East South Central.....	15,381	261,772	911	12,270	62,082	1,710	74,579	447	99,188	43	53,223	29.9	28.5	34.0	13.5	
West South Central.....	12,339	204,520	1,028	9,645	49,180	1,262	53,546	373	74,471	31	27,223	24.1	26.2	36.5	12.3	
Mountain.....	5,254	73,455	677	4,079	16,775	360	16,232	119	25,988	19	16,440	22.3	21.5	34.4	21.8	
Pacific.....	13,579	213,116	1,436	10,303	52,069	1,421	63,003	395	79,186	24	18,908	24.4	29.5	37.1	8.9	
NEW ENGLAND:																
Maine.....	3,546	79,955	298	2,716	12,363	387	18,190	123	25,207	22	24,195	15.5	22.8	31.6	30.2	
New Hampshire.....	1,961	78,658	158	1,409	7,201	256	11,326	114	24,621	24	35,510	9.1	14.4	31.3	45.1	
Vermont.....	1,958	33,788	131	1,514	7,023	255	10,348	55	11,852	3	4,670	20.7	30.6	35.1	13.5	
Massachusetts.....	11,684	584,559	943	7,545	43,134	2,109	95,989	867	185,876	217	259,509	7.3	16.4	31.8	44.4	
Rhode Island.....	1,951	113,538	158	1,196	7,046	359	17,352	195	45,364	43	43,774	6.2	15.3	39.9	38.5	
Connecticut.....	4,251	210,792	444	2,733	14,301	646	29,904	345	70,917	83	95,670	6.8	14.2	33.6	45.4	
MIDDLE ATLANTIC:																
New York.....	44,935	1,003,981	4,667	31,323	169,732	7,107	307,812	1,637	321,531	201	204,906	16.9	30.7	32.1	20.4	
New Jersey.....	8,817	326,223	712	6,088	32,544	1,354	64,402	557	119,964	106	109,313	10.0	19.7	36.7	33.5	
Pennsylvania.....	27,663	877,543	3,339	18,535	89,102	3,966	183,793	1,438	300,898	267	303,750	10.1	21.0	34.2	34.6	
EAST NORTH CENTRAL:																
Ohio.....	15,138	446,934	1,521	10,483	52,358	2,162	99,146	834	108,458	138	126,972	11.7	22.2	37.7	28.4	
Indiana.....	7,969	186,984	692	5,966	25,681	956	44,434	299	60,492	56	55,377	14.3	23.8	32.3	29.6	
Illinois.....	11,684	465,776	2,518	12,361	60,101	2,287	102,346	735	149,670	125	153,647	12.7	22.0	32.1	29.1	
Michigan.....	9,159	231,499	619	6,297	28,054	1,154	54,510	447	91,443	61	57,486	12.0	21.9	32.5	24.9	
Wisconsin.....	9,721	182,583	1,343	7,145	35,007	852	39,759	332	70,532	49	47,285	13.7	21.7	38.6	25.9	
WEST NORTH CENTRAL:																
Minnesota.....	5,561	84,767	603	4,352	16,648	448	20,096	131	26,590	27	21,433	19.6	23.8	31.4	25.3	
Iowa.....	5,528	61,635	643	4,340	16,072	443	19,412	92	18,845	10	7,306	26.0	31.0	30.6	11.8	
Missouri.....	8,375	132,993	1,123	6,183	25,287	764	33,819	268	55,632	37	37,255	17.2	22.1	36.4	24.4	
North Dakota.....	752	2,759	125	601	1,610	24	362	2	247			57.7	33.4	8.9		
South Dakota.....	1,020	3,602	146	850	2,291	21	827	3	484			63.6	23.0	13.4		
Nebraska.....	2,500	24,336	481	1,869	6,295	121	5,358	23	4,989	6	7,694	25.9	22.0	20.5	31.6	
Kansas.....	3,435	44,215	546	2,592	9,006	230	9,831	55	11,162	12	14,184	20.4	22.3	25.3	32.1	
SOUTH ATLANTIC:																
Delaware.....	726	21,238	46	534	3,222	101	4,216	38	6,807	7	6,993	15.1	19.9	32.1	32.9	
Maryland.....	4,857	107,921	504	3,538	18,629	596	26,209	169	34,170	30	28,847	17.2	24.3	31.7	26.7	
District of Columbia.....	513	7,707	75	351	1,937	83	3,665	8	1,547	1	538	25.1	47.5	20.1	7.2	
Virginia.....	5,685	105,676	270	4,689	25,491	562	25,570	138	27,112	26	27,903	24.2	24.1	25.7	26.1	
West Virginia.....	2,586	63,893	200	1,920	8,726	323	15,183	125	26,191	18	13,793	13.6	23.7	41.0	21.6	
North Carolina.....	4,931	121,473	171	3,852	21,027	654	30,288	232	47,013	22	23,148	17.0	25.0	38.7	19.0	
South Carolina.....	1,854	73,045	69	1,411	7,990	209	9,394	145	33,116	29	22,546	11.0	12.9	45.3	30.9	
Georgia.....	4,792	104,588	231	3,589	22,164	779	33,430	175	34,448	18	14,546	21.2	32.0	32.9	13.9	
Florida.....	2,159	57,473	112	1,387	9,749	547	21,744	105	21,045	8	4,035	16.9	27.8	36.6	8.6	
EAST SOUTH CENTRAL:																
Kentucky.....	4,776	65,400	403	3,801	16,724	462	20,780	102	19,830	8	8,066	25.6	31.7	30.3	12.3	
Tennessee.....	4,609	73,849	306	3,679	18,617	471	21,271	143	26,348	10	7,604	25.2	28.8	35.7	10.3	
Alabama.....	3,898	72,148	131	2,714	14,877	411	17,698	127	26,505	15	13,068	20.6	24.5	36.8	18.1	
Mississippi.....	2,598	50,384	71	2,076	12,464	366	14,830	75	16,505	10	6,683	24.7	29.4	32.8	13.1	
WEST SOUTH CENTRAL:																
Arkansas.....	2,925	44,962	169	2,368	12,433	308	12,843	73	14,087	7	5,559	27.8	28.6	31.3	12.3	
Louisiana.....	2,925	76,155	169	1,797	11,797	260	18,573	102	18,497	12	11,998	24.9	24.4	35.8	13.8	
Oklahoma.....	2,310	13,143	262	1,940	7,039	83	3,462	10	1,883	1	754	53.5	26.4	14.3	5.7	
Texas.....	4,588	70,230	479	3,529	17,851	436	18,368	133	24,999	11	9,012	25.4	26.1	35.6	12.9	
MOUNTAIN:																
Montana.....	677	11,655	92	513	2,000	52	2,286	17	3,854	3	3,515	17.1	19.6	33.1	30.2	
Idaho.....	725	8,230	36	617	2,402	41	1,786	8	1,614	3	2,418	29.3	21.7	19.6	29.4	
Wyoming.....	283	2,867	40	216	633	3	1,347	1	1,737	21	577	47.0	47.0	47.0	26.3	
Colorado.....	2,034	28,067	325	1,511	6,859	147	6,859	47	10,887	4	3,379	24.4	24.4	38.8	12.4	
New Mexico.....	313	4,143	31	265	1,003	17	756	8	1,301	1	683	24.2	15.3	41.1	16.5	
Arizona.....	311	6,441	36	245	940	16	786	12	3,172	2	1,543	14.6	12.2	49.3	24.0	
Utah.....	749	11,785	74	582	2,478	71	2,825	17	2,970	5	3,512	21.0	24.0	25.2	29.8	
Nevada.....	177	2,257	23	139	490	13	687	1	443	1	637	21.7	30.5	19.6	28.7	
PACIFIC:																
Washington.....	3,674	69,120	322	2,713	15,858	483	21,821	153	28,881	3	2,510	22.9	31.6	41.9	3.7	
Oregon.....	2,750	28,740	148	1,759	7,748	260	8,845	52	10,877	4	1,822	26.7	24.7	35.8	12.3	
California.....	7,659	115,296	882	5,813	28,516	738	32,228	190	39,970	18	14,570	24.7	27.9	34.6	12.7	

DISTRIBUTION OF EXPENSES.

Expenses in leading industries.—As stated in the Introduction, the census does not purport to furnish figures that can be used for determining the total cost of manufacture and consequently the profits. Facts of interest can, however, be brought out concerning the relative importance of those classes of expenses which are reported. The following table shows in percentages the distribution of these expenses among the classes indicated, for all industries combined and for the 43 principal industries separately.

INDUSTRY.	PER CENT OF TOTAL EXPENSES REPORTED.			
	Salaries.	Wages.	Materials.	Miscellaneous expenses.
All industries	5.1	18.6	65.8	10.5
Agricultural implements.....	8.6	24.3	51.1	16.0
Automobiles, including bodies and parts.....	4.5	21.1	62.3	9.9
Boots and shoes, including cut stock and findings.....	3.9	20.6	69.6	5.9
Brass and bronze products.....	4.1	17.3	72.6	6.0
Bread and other bakery products.....	4.0	17.4	69.9	8.6
Butter, cheese, and condensed milk.....	1.4	4.3	91.0	3.3
Canning and preserving.....	5.6	13.5	72.0	9.0
Carriages and wagons and materials.....	5.7	27.0	58.9	8.4
Cars and general shop construction and repairs by steam-railroad companies.....	4.3	44.7	49.2	1.8
Cars, steam-railroad, not including operations of railroad companies.....	4.3	23.0	66.7	6.0
Chemicals.....	6.5	15.0	68.2	10.3
Clothing, men's, including shirts.....	5.2	20.7	57.9	16.2
Clothing, women's.....	6.0	23.0	61.1	9.9
Confectionery.....	7.6	13.1	67.9	11.4
Copper, tin, and sheet-iron products.....	5.8	22.4	63.7	8.1
Cotton goods, including cotton small wares.....	2.6	24.0	66.9	6.5
Electrical machinery, apparatus, and supplies.....	10.0	24.5	51.8	11.7
Flour-mill and gristmill products.....	1.5	2.6	92.3	3.1
Foundry and machine-shop products.....	8.7	29.8	50.1	11.4
Furniture and refrigerators.....	7.3	30.8	51.0	10.9
Gas, illuminating and heating.....	10.9	18.4	46.2	24.5
Hosiery and knit goods.....	4.4	25.5	62.7	7.4
Iron and steel, blast furnaces.....	1.8	6.8	88.4	3.0
Iron and steel, steel works and rolling mills.....	2.9	18.3	73.3	4.8
Leather goods.....	7.2	19.3	64.6	8.9
Leather, tanned, curried, and finished.....	2.2	10.5	81.2	6.1
Liquors, distilled.....	1.0	1.6	18.4	79.0
Liquors, malt.....	7.6	13.7	32.2	46.5
Lumber and timber products.....	4.8	32.0	51.0	12.2
Marble and stone work.....	6.7	44.8	39.4	9.1
Oil, cottonseed, and cake.....	3.1	4.3	87.7	4.9
Paint and varnish.....	9.3	7.4	71.1	12.2
Paper and wood pulp.....	4.0	17.2	69.7	9.1
Patent medicines and compounds and druggists' preparations.....	14.9	8.7	44.1	32.4
Petroleum, refining.....	1.8	4.4	89.6	4.2
Printing and publishing.....	16.7	26.6	32.6	24.1
Silk and silk goods, including throwsters.....	4.2	21.8	60.8	13.2
Slaughtering and meat packing.....	1.5	3.9	91.3	3.3
Smelting and refining, copper.....	0.7	3.8	94.4	1.1
Smelting and refining, lead.....	0.9	3.4	94.8	0.9
Sugar and molasses, not including beet sugar.....	0.9	2.8	92.6	3.7
Tobacco manufactures.....	4.6	19.0	48.4	28.0
Woolen, worsted, and felt goods, and wool hats.....	2.6	18.7	72.9	5.8
All other industries.....	6.4	21.1	62.1	10.5

This table shows that, for all industries combined, 65.8 per cent of the total expenses reported were incurred for materials, 23.7 per cent for services (that is, salaries and wages), and 10.5 per cent for other purposes. As would be expected, these proportions vary greatly in the different industries. The item of salaries takes on large proportions in such industries as the gas industry, the manufacture of patent medicines, and printing and publishing, which require a

large force of employees for accounting and collecting. The industries for which the highest percentages for wages are shown—in each case over 30 per cent—are marble and stone work, steam-railroad repair shops, the lumber and timber industry, and the furniture industry. The cost of materials constituted over 90 per cent of the expenses reported in the smelting and refining of copper and lead, flour and grist milling and the manufacture of sugar and molasses, slaughtering and meat packing, and the butter, cheese, and condensed-milk industry. Miscellaneous expenses, which are made up principally of rent, taxes, insurance, and advertising, are relatively largest in the distillery and brewery industries, the manufacture of patent medicines and compounds, and the tobacco-products industry, all of which are subject to internal-revenue taxes; they are also large in the gas and the printing and publishing industries.

Expenses, by states.—Table 30 shows, for each geographic division and each state, the per cent distribution in 1909 of the total expenses reported among the principal items.

The variation among the several divisions and states in the percentage of the total expenses which is represented by each class follows closely the variation in the character of the predominating industries. Thus the percentage of expenses incurred for materials is highest and that incurred for wages lowest in the West North Central division, this condition being due to the predominating importance in those states of the flour-milling and the slaughtering industries, in which materials contribute the greater part of the value of products. The proportion of expenses incurred for materials is also high in the Mountain division, on account of the influence of the smelting and refining industries. Wages represent the highest percentage of the total expenses, 23.7, in the New England division, where the textile and other highly elaborative industries predominate.

Among the individual states the highest percentage for materials is shown for Kansas and the next highest for Nebraska, while this percentage is lowest in Florida; the highest percentages for wages are shown for Wyoming, New Mexico, and Florida, in the order named. Among the great manufacturing states of the East and North there is no very great variation in the distribution of expenses among the various items. Of the 10 most important manufacturing states, Massachusetts has the highest proportion for wages and is among the lowest for miscellaneous expenses.

The exceptionally high percentage for miscellaneous expenses in Kentucky, 25.8, is due to the importance there of the distillery industry, in the miscellaneous expenses of which are included very large sums paid as internal-revenue tax.

Table 30

DIVISION AND STATE.	PER CENT OF TOTAL EXPENSES REPORTED.				DIVISION AND STATE.	PER CENT OF TOTAL EXPENSES REPORTED.			
	Salaries.	Wages.	Materials.	Miscellaneous expenses.		Salaries.	Wages.	Materials.	Miscellaneous expenses.
United States.....	5.1	18.6	65.8	10.5					
GEOGRAPHIC DIVISIONS:					SOUTH ATLANTIC:				
New England.....	4.5	23.7	62.6	8.9	Delaware.....	4.9	21.9	65.9	7.2
Middle Atlantic.....	5.4	18.6	65.3	10.8	Maryland.....	4.8	15.9	69.6	9.7
East North Central.....	5.4	17.8	65.1	11.7	District of Columbia.....	9.0	24.4	50.0	16.6
West North Central.....	4.2	12.4	75.1	8.3	Virginia.....	4.6	19.4	64.0	11.9
South Atlantic.....	4.7	20.1	64.9	10.3	West Virginia.....	3.9	22.8	64.2	9.0
East South Central.....	5.2	18.3	60.2	16.2	North Carolina.....	3.7	18.4	65.4	12.5
West South Central.....	4.5	17.4	68.1	9.9	South Carolina.....	3.9	20.9	68.1	7.1
Mountain.....	3.9	17.8	71.6	6.7	Georgia.....	5.1	19.8	66.4	8.7
Pacific.....	4.9	20.4	65.4	9.3	Florida.....	7.8	38.4	41.3	14.5
NEW ENGLAND:					EAST SOUTH CENTRAL:				
Maine.....	3.7	24.3	62.7	9.2	Kentucky.....	4.8	13.9	55.6	25.8
New Hampshire.....	2.8	24.3	65.8	7.1	Tennessee.....	5.8	17.8	65.4	11.0
Vermont.....	4.7	28.9	58.2	8.2	Alabama.....	5.1	21.1	64.6	9.2
Massachusetts.....	4.8	22.8	62.9	9.5	Mississippi.....	5.3	27.3	53.7	13.6
Rhode Island.....	4.4	22.8	65.3	7.5	WEST SOUTH CENTRAL:				
Connecticut.....	6.0	25.6	59.8	8.6	Arkansas.....	5.3	29.5	53.9	11.3
MIDDLE ATLANTIC:					Louisiana.....	4.4	16.4	66.1	13.1
New York.....	6.2	18.7	62.2	12.9	Oklahoma.....	4.3	15.3	72.3	8.0
New Jersey.....	4.7	16.4	69.7	9.2	Texas.....	4.4	15.5	72.8	7.3
Pennsylvania.....	4.7	19.3	67.2	8.8	MOUNTAIN:				
EAST NORTH CENTRAL:					Montana.....	3.1	16.3	73.6	7.0
Ohio.....	5.6	19.1	64.2	11.0	Idaho.....	5.2	29.1	52.5	13.2
Indiana.....	5.0	18.2	63.7	13.1	Wyoming.....	5.6	37.2	46.6	10.4
Illinois.....	5.3	15.8	67.0	12.0	Colorado.....	4.9	17.4	70.2	7.5
Michigan.....	5.9	20.1	62.3	11.6	New Mexico.....	5.4	36.8	46.3	11.5
Wisconsin.....	4.9	17.9	65.9	11.4	Arizona.....	1.9	13.4	81.7	3.0
WEST NORTH CENTRAL:					Utah.....	3.5	15.5	78.1	4.8
Minnesota.....	4.1	12.6	74.9	8.4	Nevada.....	3.4	17.9	75.5	3.2
Iowa.....	4.7	13.9	73.2	8.2	PACIFIC:				
Missouri.....	5.6	15.5	67.9	11.1	Washington.....	5.0	25.4	60.1	9.6
North Dakota.....	3.6	10.3	79.1	6.9	Oregon.....	4.9	24.2	61.6	9.3
South Dakota.....	3.9	14.6	72.7	7.7	California.....	4.8	17.7	68.3	9.2
Nebraska.....	3.0	7.6	82.3	7.1					
Kansas.....	2.4	8.5	84.7	4.4					

ENGINES AND POWER.

Summary for United States: 1909, 1904, and 1899.—The following table shows for all industries combined the number of engines or motors employed by manufacturing concerns and their horsepower at the censuses of 1909, 1904, and 1899. The figures for the total primary power used exclude duplications and represent the primary power of engines, water wheels, etc., owned by the manufacturing establishments

themselves plus the electric or other power rented from outside concerns. A separate presentation is made of the number and horsepower of electric motors operated by current generated within the establishments, which, of course, as it represents secondary power, is not included in the totals. This item plus the electric power rented makes up the total for electric power, which is shown separately.

Table 31

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.			PER CENT DISTRIBUTION OF HORSEPOWER.		
	1909	1904	1899	1909	1904	1899	1909	1904	1899
Primary power, total.....	408,472	231,363	168,143	18,675,376	13,487,707	10,097,893	100.0	100.0	100.0
Owned.....	209,163	169,774	168,143	16,802,706	12,854,805	9,778,418	90.0	95.3	96.8
Steam.....	153,525	127,267	130,710	14,199,339	10,825,348	8,139,579	76.0	80.3	80.6
Gas.....	34,356	21,515	14,334	51,186	289,423	134,742	4.0	2.1	1.3
Water wheels.....	20,079	19,595	23,099	1,807,439	1,641,949	1,454,112	9.7	12.2	14.4
Water motors.....	1,203	1,397	(1)	15,449	5,931	(1)	0.1	(2)	(1)
Other.....				29,293	92,154	49,985	0.2	0.7	0.5
Rented.....	199,309	61,589	(3)	1,872,670	632,902	319,475	10.0	4.7	3.2
Electric.....	199,309	61,589	(1)	1,749,031	441,589	182,562	9.4	3.3	1.8
Other.....				123,639	191,313	136,913	0.7	1.4	1.4
Electric motors.....	388,854	134,708	16,891	4,817,140	1,592,475	492,936	100.0	100.0	100.0
Run by current generated by establishment.....	189,545	73,119	16,891	3,068,109	1,150,886	310,374	63.7	72.3	63.0
Run by rented power.....	199,309	61,589	(1)	1,749,031	441,589	182,562	36.3	27.7	37.0

¹ Not reported.² Less than one-tenth of 1 per cent.

The total horsepower of manufacturing establishments was 18,675,376 in 1909, as compared with 13,487,707 in 1904 and 10,097,893 in 1899. In 1909, 90 per cent of the horsepower was that of engines or

motors owned by the manufacturing establishments themselves, and 10 per cent was rented power, mostly electric. Especially striking is the increase in the use of gas engines and of electric power, both that rented

from outside concerns and that generated by the manufacturing concerns themselves. The total horsepower of electric motors in 1899, including both those operated by purchased current and those operated by current generated in the establishment, was 492,936; in 1909 it was 4,817,140, or nearly ten times as great. The practice of renting electric power is rapidly becoming more common among small establishments and even among large establishments, while the large concerns more and more tend to use electric motors

for the purpose of applying the power which they themselves generate.

The amount of water power owned by manufacturing establishments shows only a comparatively moderate rate of increase during the decade, but not a little of the electric power rented by manufacturers is generated in the first instance by utilizing water power.

Horsepower, by leading industries.—The following table shows, for the 43 leading industries, the amount of each of the several kinds of power used in 1909:

INDUSTRY.	Total horsepower (excluding duplication).	OWNED BY ESTABLISHMENTS REPORTING—					RENTED.		ELECTRIC MOTORS.	
		Steam engines.	Gas engines.	Water wheels.	Water motors.	Other.	Electric motors.	Other.	Total. ¹	Run by current generated by establishment.
All Industries.....	18,675,376	14,199,339	751,186	1,807,439	15,449	29,293	1,749,031	123,639	4,817,140	3,068,109
Agricultural implements.....	100,601	71,394	4,433	8,387	3	500	15,684	200	38,905	23,221
Automobiles, including bodies and parts.....	75,550	39,325	7,000	287	.....	.....	27,641	1,297	41,829	14,188
Boots and shoes, including cut stock and findings.....	96,302	60,772	3,532	2,798	17	.....	17,381	11,802	32,381	15,000
Brass and bronze products.....	106,120	78,101	4,890	3,370	4	.....	18,399	1,356	33,462	15,063
Bread and other bakery products.....	65,298	25,566	5,166	251	83	3	31,160	129	39,735	8,636
Butter, cheese, and condensed milk.....	101,349	90,802	3,373	1,403	62	131	5,366	212	8,276	2,910
Canning and preserving.....	81,179	70,362	4,519	364	34	30	5,469	401	8,728	3,259
Carriages and wagons and materials.....	126,032	82,911	13,120	1,404	63	17	24,969	348	39,424	14,455
Cars and general shop construction and repairs by steam-railroad companies.....	293,361	254,942	3,140	138	312	898	33,786	145	161,288	127,502
Cars, steam-railroad, not including operations of railroad companies.....	97,797	89,123	1,148	370	.....	700	6,456	149	61,060	54,604
Chemicals.....	208,604	103,273	1,147	10,913	153	215	92,057	846	156,699	64,642
Clothing, men's, including shirts.....	42,725	16,003	5,259	1,335	45	6	18,816	1,261	22,894	9,078
Clothing, women's.....	22,294	4,112	1,958	190	16	.....	15,175	843	16,085	4,910
Confectionery.....	35,870	25,060	1,408	.....	8	12	8,607	745	16,983	8,376
Copper, tin, and sheet-iron products.....	62,366	34,650	5,572	416	4	5	17,898	821	30,771	12,873
Cotton goods, including cotton small wares.....	1,236,517	869,838	2,512	302,288	736	7,363	108,512	4,968	238,902	127,390
Electrical machinery, apparatus, and supplies.....	158,708	99,883	6,253	1,078	36	14	50,045	959	164,540	114,405
Flour-mill and gristmill products.....	853,584	473,363	62,681	259,138	4,993	208	49,901	3,300	67,066	17,165
Foundry and machine-shop products.....	869,305	546,206	96,966	18,341	361	2,754	102,977	11,700	629,914	430,897
Furniture and refrigerators.....	221,451	184,425	5,830	6,743	105	612	20,420	3,316	43,252	22,832
Gas, illuminating and heating.....	128,350	115,332	7,128	2,755	59	182	2,723	171	17,336	14,613
Hosiery and knit goods.....	103,709	74,560	1,235	12,015	23	200	13,286	2,390	25,485	12,199
Iron and steel, blast furnaces.....	1,173,422	1,033,033	125,230	294	15	.....	14,850	.....	135,143	120,293
Iron and steel, steel works and rolling mills.....	2,100,978	1,955,346	79,391	8,829	.....	1,500	38,707	115	716,649	637,812
Leather goods.....	28,145	10,028	1,381	1,337	36	.....	14,946	420	16,663	1,717
Leather, tanned, curried, and finished.....	148,140	131,311	7,231	1,546	10	140	6,487	1,415	35,919	29,432
Liquors, distilled.....	46,120	44,823	321	252	.....	150	705	66	3,786	3,078
Liquors, malt.....	347,726	330,705	1,261	116	224	1,065	14,190	165	66,519	52,329
Lumber and timber products.....	2,840,082	2,587,487	38,628	139,392	1,111	836	62,200	10,428	130,707	68,607
Marble and stone work.....	187,686	132,236	10,874	9,451	167	241	32,062	2,655	53,748	21,686
Oil, cottonseed, and cake.....	192,342	183,440	1,674	125	50	189	6,394	470	10,855	4,461
Paint and varnish.....	56,162	42,166	3,290	2,064	2	25	7,814	861	17,037	9,223
Paper and wood pulp.....	1,304,265	469,089	6,675	785,961	2,185	275	38,610	1,470	130,120	91,510
Patent medicines and compounds and druggists' preparations.....	25,639	15,368	1,712	250	14	121	6,882	742	11,175	4,283
Petroleum, refining.....	90,268	83,707	5,870	.....	.....	378	28	285	8,808	8,780
Printing and publishing.....	297,763	59,240	32,152	600	1,720	94	197,692	6,265	229,312	31,620
Silk and silk goods, including throwsters.....	97,947	72,059	1,277	8,383	.....	.....	10,354	5,874	23,758	13,404
Slaughtering and meat packing.....	208,707	190,636	2,208	30	16	30	15,047	740	78,677	63,630
Smelting and refining, copper.....	158,126	114,862	35	12,725	.....	.....	29,413	.....	55,229	25,816
Smelting and refining, lead.....	26,954	23,090	1,070	.....	.....	.....	3,829	.....	12,166	8,337
Sugar and molasses, not including beet sugar.....	160,603	158,682	395	.....	.....	.....	1,316	.....	18,730	17,414
Tobacco manufactures.....	28,514	21,929	795	243	2	7	5,367	171	11,203	5,836
Woolen, worsted, and felt goods, and wool hats.....	362,209	261,364	2,677	78,969	341	.....	13,783	5,735	79,223	65,440
All other industries.....	3,046,423	2,868,395	172,532	122,808	2,439	10,163	431,534	38,552	1,088,678	684,144

¹ Includes the horsepower of motors run by rented current and also of those run by current generated by the establishment.

This table shows very wide differences among the industries with respect to the relative importance of the several kinds of power. These differences are due partly to differences in the geographic location of the industries, which affect the character of power available, and partly to differences in the character of machinery used, which affect the adaptability of the different kinds of power.

The power developed by the use of gas engines represents a larger proportion of the total power employed in establishments engaged in the manu-

facture of carriages and wagons, flour mills and gristmills, foundries and machine shops, blast furnaces, steel works and rolling mills, lumber mills, and printing and publishing establishments than in any of the other industries listed. The largest absolute amount of power derived from gas engines is reported for the blast furnaces, and the next largest for the foundries and machine shops.

A very large proportion of the total power derived from water wheels is used in four industries, namely, the manufacture of cotton goods, flour mills and grist-

mills, the lumber and timber products industry, and the manufacture of paper and wood pulp. In the last-mentioned industry the horsepower developed by water wheels amounts to 785,961, about 60 per cent of the total power used in that industry.

The extent to which electric motors are utilized in applying the power employed varies considerably in the different industries. In a considerable number of industries the electric power, including that generated by the manufacturing establishments themselves and that rented from other concerns, is equal to more than one-half of the total primary power. These industries are the manufacture of automobiles, bread and other bakery products, the construction of steam-railroad cars, the repair shops of steam-railroad companies, the chemical industry, the making of men's and of women's clothing, the manufacture of electrical machinery, apparatus, and supplies, the foundry and machine-shop industry, the manufacture of leather goods, and the printing and publishing industry. In the electrical-machinery industry the horsepower of electric motors installed is greater than the total primary power; this may be accounted for by reason of the provision of motors for the operation of machinery which is not in constant use. The largest absolute amount of electric power is reported by the steel works and rolling mills, and the next largest, by the foundries and machine shops. In the former the electric power is equal to a little over one-third of the total amount of primary power and in the latter to nearly three-fourths.

Horsepower, by states: 1909.—Table 33 shows, by states grouped according to geographic divisions, the amount of each of the several kinds of power used in manufacturing industries in 1909.

The rank of the states with respect to the amount of power used in manufacturing industries is somewhat different from that with respect to value of products and other leading items in the statistics of manufactures. Although New York ranks first among the states in most of the leading items, Pennsylvania outranks it in respect to the amount of power used in manufacturing industries. New York stands second, Ohio third, Massachusetts fourth, and Illinois fifth. The relative total amount of power used is largely dependent upon the character of the industries predominant in each division or state. The relative extent to which the different kinds of power are used in the several divisions and states is also dependent in part upon the character of the industries and in part upon the situation of each state with reference to supplies of coal, petroleum, and gas, and with reference to the availability of water power.

In every division—in fact in every state, except Maine and Vermont—steam engines are the most important source of power. The proportion which power generated by gas engines represents of the total power

is larger in the East North Central division than in any other division, partly on account of the proximity of gas wells. The Middle Atlantic states rank next in the proportion of the total power which is developed by gas engines. With respect to power obtained from water wheels owned by the manufacturing establishments, New England ranks far ahead of the other divisions both in the absolute amount of power and in the proportion which water power represents of the total. More than two-fifths of the total power derived from water wheels owned by manufacturing establishments is found in New England, and more than one-fourth of the total power utilized by the factories of New England is derived from water wheels. The Middle Atlantic division ranks next in this respect. The largest absolute amounts of power utilized by means of electric motors (including both those operated by purchased current and those operated by current generated in the establishment) are reported from the Middle Atlantic division, the East North Central division, and New England, in the order named, and in these three divisions also the proportion which electric power represents of the total is unusually large, no very great difference appearing among the three divisions in this respect. The proportion of electric power is also high in the Mountain, Pacific, and West North Central divisions.

The individual states which lead in the use of gas engines to develop power are Pennsylvania, Indiana, Ohio, New York, Illinois, Kansas, and New Jersey, in the order named. The absolute amount of power of this character is greatest in Pennsylvania, and the proportion which such power represents of the total power used is greatest in Indiana. The power derived from water wheels owned by manufacturing establishments is greater in New York than in any other state, but the proportion which such power represents of the total power is greatest in Maine. Other leading states in respect to the absolute amount of such water power are Massachusetts, Wisconsin, New Hampshire, Vermont, Connecticut, Minnesota, Pennsylvania, Oregon, Virginia, North Carolina, and Michigan; the leading states in respect to the proportion which it represents of the total power are Vermont, New Hampshire, Oregon, Wisconsin, New York, Minnesota, Connecticut, Massachusetts, Virginia, and Montana.

In the absolute amount of electric power utilized for manufacturing, Pennsylvania leads and is followed by New York, Ohio, Massachusetts, Illinois, Indiana, and New Jersey, in the order named. With respect to the proportion which electric power represents of the total Nevada ranks first, and is followed by California, Utah, Illinois, New York, Montana, Arizona, Indiana, and Massachusetts in the order named. In Nevada the power of electric motors forms 54.1 per cent and in California 40.3 per cent of the total power reported for these states.

Table 3 DIVISION AND STATE.	Total horse-power (excluding duplication).	OWNED BY ESTABLISHMENTS REPORTING—					RENTED.		ELECTRIC MOTORS.	
		Steam engines.	Gas engines.	Water wheels.	Water motors.	Other.	Electric motors.	Other.	Total ¹	Run by current generated by establishment.
United States.....	18,675,376	14,199,339	751,186	1,807,439	15,449	29,293	1,749,031	123,639	4,817,140	3,068,109
GEOGRAPHIC DIVISIONS:										
New England.....	2,715,121	1,656,911	41,801	753,920	3,412	2,055	218,642	38,380	663,143	444,501
Middle Atlantic.....	5,631,502	4,151,662	274,274	466,541	3,947	11,736	568,723	54,619	1,737,236	1,168,513
East North Central.....	4,382,070	3,491,418	283,450	206,393	2,048	4,766	375,876	18,119	1,297,447	921,571
West North Central.....	1,101,990	838,988	57,434	82,791	3,539	939	115,002	3,297	266,534	151,532
South Atlantic.....	1,832,061	1,431,423	36,441	182,076	1,082	5,321	171,146	4,512	343,393	172,247
East South Central.....	1,036,590	853,511	12,270	29,049	275	1,690	38,580	1,194	108,409	69,829
West South Central.....	873,350	803,640	29,291	3,060	48	2,513	31,807	991	78,893	47,086
Mountain.....	400,766	306,786	4,188	21,345	198	224	66,956	1,069	113,984	47,028
Pacific.....	802,016	563,000	12,037	62,273	900	49	162,289	1,438	208,101	45,802
NEW ENGLAND:										
Maine.....	459,599	168,595	3,933	256,480	1,912	179	27,303	1,297	54,266	27,063
New Hampshire.....	293,991	139,128	1,238	127,490	521	30	21,209	4,375	45,351	24,142
Vermont.....	159,445	64,252	2,160	78,881	181	415	12,917	639	21,233	8,316
Massachusetts.....	1,175,071	834,701	18,326	185,996	530	805	109,996	24,637	402,492	292,496
Rhode Island.....	226,740	175,293	3,300	31,376	41	39	13,697	2,994	42,130	28,433
Connecticut.....	400,275	274,942	12,844	73,697	237	497	33,620	4,438	97,671	64,051
MIDDLE ATLANTIC:										
New York.....	1,997,662	1,080,877	99,899	394,221	1,397	3,583	389,945	27,740	689,976	300,031
New Jersey.....	612,293	529,668	20,867	18,558	1,118	180	33,157	8,745	182,475	149,318
Pennsylvania.....	2,921,547	2,541,117	153,508	59,762	1,432	7,973	145,621	18,134	864,785	719,164
EAST NORTH CENTRAL:										
Ohio.....	1,583,155	1,362,134	103,801	15,777	330	1,586	93,592	5,935	417,844	324,252
Indiana.....	633,377	448,528	109,105	7,446	447	599	65,548	1,704	233,193	167,645
Illinois.....	1,013,071	838,199	37,025	12,178	513	1,433	117,007	6,716	398,621	281,614
Michigan.....	598,288	465,520	13,988	41,442	577	16	74,270	2,475	133,064	58,794
Wisconsin.....	554,179	377,037	19,531	129,550	181	1,432	25,459	1,289	114,725	89,266
WEST NORTH CENTRAL:										
Minnesota.....	297,670	199,777	7,174	56,631	2,939	23	30,297	827	52,212	21,915
Iowa.....	155,384	121,882	8,025	6,326	85	147	18,463	456	40,736	22,273
Missouri.....	340,467	280,489	11,159	3,532	206	5	44,056	1,020	106,941	62,885
North Dakota.....	13,196	10,170	1,304	530	.....	.....	1,164	28	1,698	534
South Dakota.....	17,666	12,257	2,784	927	12	.....	1,683	3	2,084	401
Nebraska.....	64,466	44,806	4,408	7,361	75	76	7,530	210	15,942	8,412
Kansas.....	213,141	169,607	22,590	7,484	222	686	11,809	753	46,921	35,112
SOUTH ATLANTIC:										
Delaware.....	52,779	42,266	766	5,183	12	.....	4,502	59	17,910	13,408
Maryland.....	218,244	181,326	5,736	11,953	121	1,069	17,108	931	44,921	27,813
District of Columbia.....	16,563	12,169	1,073	775	.....	43	2,433	70	4,527	2,094
Virginia.....	283,928	221,303	3,664	45,122	33	38	13,356	412	42,043	28,687
West Virginia.....	217,496	184,591	16,705	10,540	71	.....	5,330	253	28,543	23,213
North Carolina.....	378,556	271,944	2,356	41,619	307	1,035	60,044	1,251	86,002	25,958
South Carolina.....	276,378	193,052	1,264	38,422	75	2,400	41,130	35	67,620	26,490
Georgia.....	238,241	240,264	3,380	28,288	460	536	23,800	1,423	44,264	20,374
Florida.....	89,816	84,508	1,497	168	3	200	3,353	87	7,563	4,210
EAST SOUTH CENTRAL:										
Kentucky.....	230,224	207,591	4,724	5,320	57	915	11,314	303	31,268	19,954
Tennessee.....	242,277	215,338	1,853	9,670	107	4	14,666	639	29,586	14,920
Alabama.....	357,837	328,275	4,616	13,812	111	732	10,104	187	39,928	29,824
Mississippi.....	206,222	202,307	1,077	238	.....	39	2,496	65	7,627	5,131
WEST SOUTH CENTRAL:										
Arkansas.....	173,088	168,152	1,374	639	35	52	2,581	255	7,417	4,836
Louisiana.....	346,652	331,370	3,496	65	10	2,401	9,077	233	27,139	18,062
Oklahoma.....	71,139	56,643	8,676	470	2	.....	5,281	67	7,887	2,606
Texas.....	282,471	249,475	15,745	1,886	1	60	14,868	436	36,450	21,582
MOUNTAIN:										
Montana.....	90,402	49,654	223	13,583	63	.....	26,504	375	27,301	797
Idaho.....	42,804	35,529	242	2,403	4	.....	4,606	20	8,409	3,803
Wyoming.....	7,628	6,467	182	456	9	.....	514	.....	801	287
Colorado.....	154,615	135,645	1,464	1,377	49	105	15,874	101	35,944	20,070
New Mexico.....	15,465	11,781	365	74	.....	.....	3,245	.....	4,586	1,341
Arizona.....	39,140	34,193	1,285	129	.....	19	3,314	200	15,100	11,786
Utah.....	42,947	28,984	226	2,926	71	100	10,592	48	15,402	4,810
Nevada.....	7,765	4,533	201	397	2	.....	2,307	325	6,441	4,134
PACIFIC:										
Washington.....	297,897	257,230	1,494	7,842	223	19	30,951	138	43,615	12,664
Oregon.....	175,019	112,244	428	47,041	397	.....	14,811	98	20,802	5,991
California.....	329,100	193,526	10,115	7,390	280	30	116,537	1,222	143,684	27,147

¹ Includes the horsepower of motors run by rented current and also of those run by current generated by the establishment.

SUPPLEMENTARY DATA REGARDING IMPORTANT INDUSTRIES.

(With statistics for laundries and custom sawmills and gristmills.)

For certain industries the Census Bureau collects, by means of special schedules, details regarding the quantity and value of materials and products and other information for securing which no provision is made on the general schedule. Data of this character are here presented for a number of important industries. As far as possible the statistics are grouped according to the character of the finished products. The statistics in each table relate to the United States as a whole, not including Alaska, Hawaii, Porto Rico, or other outlying possessions.

FOOD AND KINDRED PRODUCTS.

Butter, cheese, and condensed milk.—The following table presents statistics for the butter, cheese, and condensed-milk industry. The figures cover only the manufacture of the factory products. The statistics for this class of products made on farms are not avail-

able for 1909; in 1899, however, 1,071,626,056 pounds of butter and 16,372,318 pounds of cheese were made on farms, of which 518,042,767 pounds of butter and 14,692,542 pounds of cheese were sold.

The value of the factory products of this industry more than doubled during the period 1899-1909. Condensed milk, for which the ratio of increase was highest, nearly trebled in value, while butter more than doubled. Since 1899 the increase in prices has been quite pronounced in this industry, as shown by the fact that the butter product increased 113.5 per cent in value and only 48.7 per cent in quantity, and the output of cheese 63 per cent in value and only 10.3 per cent in quantity. As shown by the note to the table, considerable quantities of butter, cheese, and condensed milk were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

Table 31	1909	1904	1899		1909	1904	1899
MATERIALS.				PRODUCTS—continued.			
Total cost.....	\$235,546,064	\$142,920,277	\$108,841,200	Cheese—Continued.			
Milk:				Skimmed—			
Pounds.....	9,888,727,303	12,147,304,550	11,678,082,821	Pounds.....	7,770,812	3,459,582	(1)
Cost.....	\$118,675,613	\$99,729,745	\$91,256,436	Value.....	\$429,519	\$148,568	(1)
Cream:				Other kinds—			
Pounds.....	1,406,143,908	588,186,471	203,673,958	Pounds.....	5,441,730	74,032,656	56,196,219
Cost.....	\$95,025,507	\$28,371,040	\$8,154,068	Value.....	\$805,332	\$6,438,339	\$5,156,332
Skimmed milk:				Condensed milk:			
Pounds.....	56,974,760	36,071,335	(1)	Pounds.....	494,796,544	308,485,182	186,921,787
Cost.....	\$110,469	\$30,938	(1)	Value.....	\$33,563,129	\$20,149,282	\$11,883,792
Sugar:				Sweetened—			
Pounds.....	78,457,978	67,810,031	59,873,859	Pounds.....	214,518,310	198,355,189	(1)
Cost.....	\$3,674,174	\$3,515,892	\$2,589,687	Value.....	\$17,345,278	\$13,478,376	(1)
All other materials.....	\$18,060,301	\$11,444,202	\$6,841,009	Unsweetened—			
				Pounds.....	280,278,234	110,129,993	(1)
				Value.....	\$16,217,851	\$6,670,906	(1)
PRODUCTS.				Cream sold:			
Total value.....	\$274,557,718	\$168,182,789	\$130,783,349	Pounds.....	81,211,374	28,131,914	61,764,552
Butter:				Value.....	\$9,828,972	\$2,364,407	\$4,453,444
Pounds.....	624,764,653	531,478,141	420,126,546	Skimmed milk sold:			
Value.....	\$179,510,619	\$113,189,453	\$84,079,754	Pounds.....	352,594,574	1,161,414,457	2,253,494,156
Packed solid—				Value.....	\$629,135	\$1,368,738	\$2,531,460
Pounds.....	410,692,616	364,432,996	328,956,590	Casesin dried from skimmed milk:			
Value.....	\$115,093,056	\$74,483,306	\$63,961,893	Pounds.....	13,018,298	11,581,874	12,298,405
Prints and rolls—				Value.....	\$795,544	\$554,099	\$383,581
Pounds.....	214,072,037	167,045,145	91,169,956	All other products.....	\$6,990,395	\$1,945,050	\$944,489
Value.....	\$64,412,563	\$38,706,147	\$20,117,861				
Cheese:				EQUIPMENT.			
Pounds.....	311,126,317	317,144,872	281,972,324	Cream separators, number.....	5,624	8,842	9,701
Value.....	\$43,239,924	\$28,611,760	\$26,519,829				
Full cream—							
Pounds.....	287,110,383						
Value.....	\$10,817,073						
Part cream—							
Pounds.....	10,803,332	239,652,634	225,776,105				
Value.....	\$1,188,000	\$22,024,853	\$21,363,477				

¹ Not reported separately.

² In addition, 2,381,212 pounds of butter, to the value of \$664,171; 49,413 pounds of part cream cheese, to the value of \$5,745; 401,300 pounds of condensed milk, to the value of \$24,078; and other dairy products to the value of \$35,388 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

³ In addition, 1,971,120 pounds of butter, to the value of \$448,729, and other dairy products to the value of \$71,588 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

Canning and preserving.—Table 35 includes statistics for establishments engaged in the various branches of the canning industry and also for those manufacturing pickles, preserves, and sauces. The table does not include meats and other products canned in slaughtering and meat-packing establishments (see Table 38).

The total value of all classes of products of canning and preserving establishments in 1909 was \$157,101,201 and in 1899, \$99,335,464, the increase for the decade being 58.2 per cent.

Of the two groups of products listed separately in the table, fruits and vegetables show the largest ratio of increase in value from 1899 to 1909, 88.3

per cent. Fish and oysters show an increase of 47 per cent.

The statistics for dried fruits cover the product of fruit drying and packing establishments which buy the fruit or do drying and packing for others, and of cooperative associations, but do not include fruits dried by the grower on the farm. The bulk of the product is from California, the value of the factory dried-fruit product of that state in 1909 being \$16,137,716, or 81.3 per cent of the total value of this class of products.

Table 35	PRODUCT.	1909	1904	1899
	Total value.....	\$167,101,201	\$130,465,976	\$98,335,464
	<i>Fruits and vegetables.</i>			
	Value.....	\$34,347,783	\$72,998,756	\$44,802,665
	Canned vegetables:			
	Cases.....	32,752,469	29,579,616	19,323,730
	Value.....	\$51,568,914	\$45,010,993	\$28,734,598
	Tomatoes—			
	Cases.....	12,909,956	9,411,084	8,700,538
	Value.....	\$18,747,941	\$14,020,846	\$13,666,560
	Corn—			
	Cases.....	7,451,265	11,209,597	6,336,984
	Value.....	\$10,332,136	\$15,952,386	\$8,191,383
	Peas—			
	Cases.....	5,901,703	4,694,492	2,543,722
	Value.....	\$10,247,363	\$7,928,791	\$4,465,073
	Beans—			
	Cases.....	3,392,864	2,588,015	1,493,517
	Value.....	\$6,013,098	\$4,133,810	\$2,025,123
	Asparagus—			
	Cases.....	228,550	(¹)	(²)
	Value.....	\$1,976,775	(³)	(⁴)
	Pumpkins—			
	Cases.....	440,303	246,557	138,078
	Value.....	\$576,043	\$346,497	\$202,404
	Sweet potatoes—			
	Cases.....	347,286	192,997	83,526
	Value.....	\$531,651	\$284,385	\$124,245
	All other—			
	Cases.....	2,080,503	1,236,874	27,365
	Value.....	\$3,144,907	\$2,944,278	\$59,210
	Canned fruits:			
	Cases.....	5,501,404	4,628,241	4,467,817
	Value.....	\$12,938,474	\$11,722,979	\$11,311,062
	Peaches—			
	Cases.....	1,467,213	1,304,867	1,449,556
	Value.....	\$3,753,698	\$3,902,441	\$4,283,165
	Apples—			
	Cases.....	1,205,724	490,314	645,762
	Value.....	\$1,898,730	\$738,013	\$1,125,119
	Apricots—			
	Cases.....	630,185	539,815	531,648
	Value.....	\$1,823,314	\$1,041,919	\$1,583,252
	Pears—			
	Cases.....	637,782	759,120	672,485
	Value.....	\$1,833,214	\$2,192,910	\$2,188,201
	Berries—			
	Cases.....	815,851	489,637	600,419
	Value.....	\$1,754,927	\$1,058,659	\$1,092,975
	Cherries—			
	Cases.....	390,351	319,350	114,367
	Value.....	\$1,019,013	\$825,522	\$307,788
	All other—			
	Cases.....	354,280	695,111	453,730
	Value.....	\$853,594	\$1,393,515	\$730,562
	Dried fruits:			
	Pounds.....	400,328,767	343,579,623	85,439,406
	Value.....	\$19,810,395	\$15,064,784	\$4,737,005
	Raisins—			
	Pounds.....	111,774,767	121,409,881	14,984,221
	Value.....	\$4,837,933	\$6,349,381	\$1,062,268
	Prunes—			
	Pounds.....	138,498,490	117,808,181	25,413,763
	Value.....	\$5,130,412	\$3,299,628	\$970,927
	Apples—			
	Pounds.....	44,568,241	40,737,089	33,212,309
	Value.....	\$3,098,045	\$1,758,610	\$1,006,642
	Peaches—			
	Pounds.....	46,843,391	25,861,074	5,662,390
	Value.....	\$2,423,083	\$1,702,205	\$312,195
	Apricots—			
	Pounds.....	29,205,509	10,559,573	5,465,217
	Value.....	\$2,377,177	\$1,410,838	\$455,394
	All other—			
	Pounds.....	29,438,306	18,203,825	701,509
	Value.....	\$2,073,695	\$1,144,122	\$49,276

Table 35— Cont'd.	PRODUCT.	1909	1904	1899
	<i>Fish and oysters.</i>			
	Value.....	\$27,648,289	\$22,194,635	\$18,807,542
	Canned fish and oysters:			
	Pounds.....	235,418,713	207,077,976	182,568,572
	Value.....	\$17,573,311	\$13,531,786	\$12,868,572
	Salmon—			
	Pounds.....	99,831,528	48,128,920	62,652,792
	Value.....	\$8,723,565	\$4,251,387	\$5,679,324
	Sardines:			
	Pounds.....	90,094,284	87,224,524	44,951,244
	Value.....	\$4,931,831	\$4,380,498	\$4,212,351
	Oysters—			
	Pounds.....	28,192,392	59,249,043	(⁴)
	Value.....	\$2,443,101	\$3,799,412	\$2,054,800
	All other—			
	Pounds.....	16,700,509	12,475,483	9,625,825
	Value.....	\$1,474,814	\$1,100,489	\$922,037
	Smoked fish:			
	Pounds.....	39,814,989	36,617,904	21,108,066
	Value.....	\$2,900,417	\$2,528,240	\$957,741
	Herring—			
	Pounds.....	21,369,856	19,737,537	12,576,429
	Value.....	\$931,611	\$631,352	\$330,590
	Salmon—			
	Pounds.....	6,836,099	6,833,509	1,975,647
	Value.....	\$950,540	\$831,184	\$136,831
	Finnan haddie—			
	Pounds.....	4,513,222	3,014,160	1,360,500
	Value.....	\$304,020	\$174,234	\$75,300
	All other—			
	Pounds.....	7,995,812	7,032,647	5,195,490
	Value.....	\$73,646	\$391,470	\$415,460
	Salted fish:			
	Pounds.....	128,539,299	111,728,665	117,780,031
	Value.....	\$7,174,561	\$6,134,609	\$4,961,229
	Cod—			
	Pounds.....	49,494,338	48,757,819	64,731,210
	Value.....	\$3,077,312	\$3,013,320	\$3,081,045
	Mackerel—			
	Pounds.....	9,045,469	8,326,566	10,458,313
	Value.....	\$740,513	\$678,376	\$662,008
	Herring—			
	Pounds.....	21,718,467	15,824,192	13,933,428
	Value.....	\$461,257	\$409,223	\$332,220
	Haddock—			
	Pounds.....	7,873,156	4,737,975	6,927,919
	Value.....	\$319,248	\$213,394	\$197,360
	All other—			
	Pounds.....	40,407,869	34,082,113	21,729,163
	Value.....	\$2,575,901	\$1,820,346	\$708,596
	<i>All other products, including pickles, preserves, and sauces.</i>			
	Value.....	\$45,105,129	\$35,272,585	\$35,725,257

¹ In addition, products to the value of \$5,423,199 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, as follows:

	Number.	Value.
Total.....		\$5,423,199
Canned vegetables.....	cases.. 769,017	1,714,909
Canned fruits.....	cases.. 27,474	76,964
Dried fruits.....	pounds.. 1,007,033	53,159
Canned fish.....	pounds.. 531,054	19,649
Smoked fish.....	pounds.. 924,785	38,841
Salted fish.....	pounds.. 4,630,322	143,540
Pickles, preserves, and sauces.....		3,376,137

² In addition, 140,263 cases of fruits and vegetables, to the value of \$288,138; 1,847,625 pounds of fish, to the value of \$274,403; and oysters, to the value of \$12,900, were canned and preserved by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

³ Not reported separately.

⁴ Not reported.

Flour-mill and gristmill products.—Table 36 presents statistics for flour-mills and gristmills, but does not include data for establishments engaged exclusively in custom grinding (see table on p. 513). The total quantity of all kinds of grain milled in 1909 was 806,247,961 bushels, as compared with 729,061,820 bushels in 1899, an increase of 10.6 per cent. The largest increases were in wheat and corn,

the former showing a gain of about 25,000,000 bushels and the latter a gain of about 29,000,000 bushels.

The increase in the value of all products of flour mills and gristmills for the period 1899-1909 was 76.2 per cent. This gain was due mainly to advances in price, for the increases in quantity were relatively much smaller. The value of the wheat flour produced increased 64.7 per cent, but its quantity only 6 per cent, while the production of rye flour increased 54 per cent in value and only 6.2 per cent in quantity. The figures in the table indicate that higher unit values prevailed for all classes of products during 1909 than during the two prior census years. For the decade as a whole the percentage of increase in cost of materials, which constitutes by far the greater part of the value of products, was, however, even higher than that in value of products.

Table 36	1909	1901	1899
MATERIALS.			
Total cost	\$767,576,479	\$619,971,161	\$428,116,757
Grain ground or milled, bushels.....	806,247,961	754,945,720	729,061,820
Wheat.....	436,480,314	494,005,083	471,306,986
Corn.....	209,281,237	178,217,321	180,573,076
Rye.....	11,593,969	11,489,370	10,088,381
Buckwheat.....	7,156,062	6,531,905	5,499,156
Barley.....	24,509,770	18,628,552	10,067,348
Oats.....	50,241,598	45,381,009	47,175,766
Other.....	7,075,011	612,089	4,300,107
PRODUCTS.			
Total value	\$883,584,405	\$713,033,395	\$501,396,304
Wheat flour:.....			
Barrels.....	105,756,645	104,013,278	99,763,777
Value.....	\$550,116,254	\$480,258,514	\$333,997,686
White.....			(¹)
Barrels.....	105,321,969	103,608,350	(¹)
Value.....	\$548,017,654	\$478,484,601	(¹)
Graham.....			
Barrels.....	434,676	404,828	(¹)
Value.....	\$2,098,800	\$1,773,915	(¹)
Rye flour:.....			
Barrels.....	1,532,139	1,503,100	1,443,339
Value.....	\$6,383,538	\$5,892,108	\$4,145,565
Buckwheat flour:.....			
Pounds.....	176,081,891	175,354,062	143,190,724
Value.....	\$4,663,561	\$4,379,359	\$3,190,152
Barley meal:.....			
Pounds.....	28,550,952	68,508,655	91,275,646
Value.....	\$486,000	\$222,884	\$963,710
Corn meal and corn flour:.....			
Barrels.....	21,552,737	23,624,693	27,838,811
Value.....	\$66,341,055	\$56,368,550	\$32,107,739
Hominy and grits:.....			
Pounds.....	827,987,702	756,861,398	291,726,145
Value.....	\$12,509,493	\$8,455,420	\$2,567,084
Feeds:.....			
Tons (2,000 pounds).....	5,132,369	3,456,786	3,993,080
Value.....	\$140,541,915	\$76,096,127	\$63,011,421
Offal:.....			
Tons (2,000 pounds).....	4,104,042	4,408,626	3,164,408
Value.....	\$89,814,427	\$76,105,532	\$36,679,196
All other cereal products, ² breakfast foods, ³ oatmeal, rolled oats, etc.....	\$4,720,106	(¹)	(¹)
All other products.....	\$7,408,016	\$4,554,895	\$4,673,751

¹ In addition, merchant-ground products, valued at \$1,637,228, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation. The items covered by this amount were wheat flour, 105,477 barrels, valued at \$914,922; corn meal, 32,884 barrels, valued at \$87,397; rye flour, 2,620 barrels, valued at \$12,330; feed, 33,765 tons, valued at \$907,165; and offal, 627 tons, valued at \$15,274; and in addition, "breakfast foods," to the value of \$36,978,613, were made by establishments engaged primarily in the manufacture of food preparations. See note to table on page 513, for custom ground by-products.

² In addition, "breakfast foods," to the value of \$23,904,952, were made by establishments engaged primarily in the manufacture of food preparations.

³ Not reported separately.

Rice, cleaning and polishing.—The following table presenting statistics for the cleaning and polishing of

rice includes the quantity of rice milled, whether on a custom or exchange basis or in merchant mills. In 1909 there were 974,747,475 pounds of rice treated, as compared with 398,602,018 pounds in 1899, an increase of 144.5 per cent. The amount for 1909, however, was a little less than that for 1904. In 1909 there were only 3,873,735 pounds of foreign rough rice treated, as against 39,414,459 pounds in 1899. Attention is called to the fact that in 1909 whole rice formed 76.3 per cent of the total quantity of cleaned rice and broken rice 23.7 per cent, whereas in 1904 whole rice formed 65.9 per cent and broken rice 34.1 per cent of the cleaned-rice product.

Table 37	1909	1904	1899
MATERIALS.			
Rough rice milled, pounds	974,747,475	999,727,650	398,602,018
Domestic.....	970,873,740	990,473,625	359,187,559
Foreign.....	3,873,735	9,254,025	39,414,459
PRODUCTS.			
Total value	\$22,371,457	\$16,296,916	\$8,723,726
Clean rice:.....			
Pounds.....	626,089,490	623,900,245	243,031,200
Value.....	\$20,685,982	\$15,357,133	(¹)
Whole.....			
Pounds.....	477,583,004	411,208,943	(¹)
Value.....	\$17,398,736	\$12,077,124	(¹)
Broken.....			
Pounds.....	148,500,455	212,691,302	(¹)
Value.....	\$3,287,246	\$3,280,009	(¹)
Polish:.....			
Pounds.....	29,831,613	33,290,331	15,134,648
Value.....	\$362,682	\$367,647	(¹)
Straw:.....			
Pounds.....	91,208,529	120,694,130	69,265,012
Value.....	\$736,215	\$501,193	(¹)
Hulls and waste.....	\$166,147	\$116,300	(¹)
All other products.....	\$421,061	\$54,583	(¹)

¹ In addition, 43,150 pounds of clean rice, valued at \$1,443, were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

² Not reported separately.

Slaughtering and meat packing.—Table 38 presents statistics for the wholesale slaughtering and meat-packing industry. It includes the manufacture of sausage when done in connection with slaughtering or meat packing or when carried on in independent establishments, but it does not include the rendering of lard in independent establishments or the operations of retail butchers. The cost of all materials reported for the industry was \$1,202,827,784 in 1909 and \$685,310,099 in 1899, an increase of 75.5 per cent. The total value of products increased from \$788,367,647 in 1899 to \$1,370,568,101 in 1909, or 73.8 per cent.

A portion of the dressed meat reported as material was obtained from slaughtering establishments included in the tabulation, and therefore is duplicated in the total value of products.

On account of the higher prices in 1909, the percentages of increase in value from 1899 to 1909 for the different kinds of products are somewhat greater than the percentages of increase in quantity. This is

PRODUCT.	1909	
	Tons.	Value.
Total.....		\$77,991,683
Beet-sugar industry.....		48,122,383
Cane-sugar industry.....		29,869,300
Sugar.....	828,540	72,033,302
Beet.....	501,682	45,937,629
Cane.....	326,858	26,095,673
Molasses, sirup, and all other products.....		5,958,381
Beet.....		2,184,754
Cane.....		3,773,627

The following table presents the statistics for the beet-sugar industry for the censuses of 1909, 1904, and 1899:

PRODUCTS.	1909	1904	1899
	Acres of sugar beets, total planted.	415,894	240,757	135,305
Directly by factory.....	39,459	20,484	10,239
By tenants of factory.....	18,166	20,223	13,074
On contract by others than tenants of factory.....	368,339	200,050	111,992
Beets used, tons.....	3,965,350	2,175,417	794,658
Grown directly by factory.....	296,768	169,839	25,241
Grown by tenants of factory.....	163,843	210,247	95,071
Grown on contract by others than tenants of factory.....	3,534,745	1,795,331	676,346
PRODUCTS.			
Total value.....	\$48,122,383	\$24,393,794	\$7,323,857
Sugar:			
Granulated—			
Tons.....	491,507	248,309	57,543
Value.....	\$45,645,810	\$23,493,373	\$5,580,527
Raw—			
Tons.....	1,875	5,612	23,886
Value.....	\$291,819	\$491,229	\$1,042,054
Molasses or sirup.....	20,812,747	9,609,542	1,3,551,856
Gallons.....	\$1,129,905	\$221,097	\$25,102
Value.....	\$785,900	\$302,070	\$21,822
Beet pulp.....	\$258,949	\$46,025	\$54,352
All other products.....			

¹ Includes quantities for which no value could be given; also wastage.

The statistics for cane mills for 1909 are shown in detail in Table 41.

CENSUS.	Number of establishments.	NUMBER ENGAGED IN INDUSTRY. ¹		Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
		Salaried employes.	Wage earners (average number).						
1909 (census of 1910).....	5,352	31,208	881,128	\$1,841,242,131	\$49,123,634	\$338,398,736	\$992,635,299	\$1,684,636,499	\$685,001,200
1904 (census of 1905).....	4,737	24,372	742,529	1,351,451,715	32,862,121	259,514,233	753,174,951	1,225,686,444	472,511,463
1899 (census of 1900).....	4,521	17,024	664,429	1,049,636,201	23,532,773	210,069,411	627,209,771	940,052,688	412,842,917
1889 (census of 1890).....	4,420	10,851	520,196	772,673,605	12,743,406	169,422,053	454,272,489	768,357,254	314,084,765
1879 (census of 1880).....	4,143	(^c)	387,557	414,179,946	(^c)	105,642,824	306,495,799	538,401,222	231,905,423
1869 (census of 1870).....	4,855	(^c)	275,655	208,611,518	(^c)	86,754,211	354,432,813	522,312,413	167,859,600
1859 (census of 1860).....	3,058	(^c)	194,394	150,205,852	(^c)	40,410,946	113,082,036	215,166,444	102,084,408
1849 (census of 1850).....	3,025	(^c)	146,877	112,513,947	(^c)	(^e)	76,715,959	128,769,971	52,054,012

¹ Not including proprietors and firm members.

² Includes proprietors and firm members with their salaries.

³ Not reported separately.

⁴ Includes 2,115 officers and clerks whose salaries were not reported.

⁵ Not reported fully.

The combined products of the industry in 1909 were valued at \$1,684,636,499, an increase of \$744,583,811, or 79.2 per cent, over the total for 1899. The total includes considerable duplication of values, but probably no more, relatively, than at previous censuses.

The percentage of increase since 1899 is the highest for any decade since that from 1859-1869. In 1909

PRODUCT.	1909	
	Tons.	Value.
Total value.....		\$30,620,738
Sugar:		
Tons.....		326,858
Value.....		\$30,095,673
Vacuum pan—		
Tons.....		223,150
Value.....		\$25,794,287
Brown (open-kettle process)—		
Tons.....		3,678
Value.....		\$301,386
Molasses (liquid product from which more or less sugar has been extracted):		
Gallons.....		24,587,581
Value.....		\$2,845,559
Sirup (liquid product from which no sugar has been extracted):		
Gallons.....		1,449,860
Value.....		\$305,632
All other products².....		\$1,313,874

¹ Does not include the operations of four establishments which manufacture sugar, two of which were operated in connection with penal institutions and two of which were engaged primarily in the manufacture of products other than those covered by the industry designation. The output of these establishments was 7,281 tons of sugar and 686,302 gallons of molasses.

² The value of sirup produced by establishments which manufacture no sugar is included under "All other products."

TEXTILES.

Statistics are presented for several branches of the textile and allied manufacturing industries, designated as follows: Carpets and rugs, other than rag; cordage and twine and jute and linen goods; cotton goods, including cotton small wares; hats, fur-felt; hosiery and knit goods; oilcloth and linoleum; shoddy; silk and silk goods, including throwsters; and woolen, worsted, and felt goods, and wool hats.

Table 42 shows the development of the textile industry since 1850. It covers all the industries mentioned above except the manufacture of fur-felt hats and of oilcloth and linoleum, for which statistics are shown in separate tables, and also includes the dyeing and finishing of textiles.

cotton goods contributed 37.3 per cent of the value of all products represented in the total; the products of the woolen industries, including carpets and rugs, 30.1 per cent; hosiery and knit goods, 11.9 per cent; silk goods, 11.7 per cent; cordage and twine and jute and linen goods, 3.6 per cent; shoddy, four-tenths of 1 per cent; and the dyeing and finishing of textiles by independent establishments, 5 per cent.

The following table gives the number of producing spindles in active textile mills at the time of each census from 1869 to 1909, inclusive. It does not include spindles in establishments engaged primarily in the manufacture of products other than textiles, nor spindles employed on flax, hemp, jute, and allied fibers, of which latter class 142,169 were returned in 1909.

Table 43

CENSUS.	NUMBER OF SPINDLES.				
	Total.	Cotton.	Silk.	Woolen.	Worsted.
1909 (census of 1910)	33,866,479	28,178,862	1,777,962	2,156,849	1,752,806
1904 (census of 1905)	28,721,742	23,672,064	1,394,020	2,436,389	1,199,269
1899 (census of 1900)	23,901,557	19,463,984	1,213,463	2,229,181	994,839
1889 (census of 1890)	18,092,133	14,384,180	718,340	2,332,269	657,324
1879 (census of 1880)	13,170,743	10,453,433	292,312	1,915,070	339,826
1869 (census of 1870)	19,335,953	7,280,800	12,040	1,845,496	200,617

¹ Includes some accessory spindles, except for silk.

The percentage of increase in the total number of spindles was greater from 1899 to 1909 than for any other decade shown. In 1909 cotton spindles formed 83.2 per cent of the total number, silk spindles 5.2 per cent, and woolen and worsted spindles combined 11.5 per cent. In 1909 cotton spindles represented a slightly larger proportion of all spindles than in 1904 and 1899 and woolen and worsted spindles a slightly smaller proportion.

The loom equipment of active establishments at the time of the several censuses, beginning with that of 1869, is presented in the following table. It does not include looms in establishments engaged primarily in the manufacture of products other than textiles, nor looms employed on flax, hemp, jute, and similar fibers. Cotton looms operated by power formed 80.6 per cent of the total number of power looms in 1909; silk looms, 9.1 per cent; and those employed in the woolen industry, which includes the manufacture of woolen and worsted goods and carpets and rugs, 10.2 per cent. In 1899 the corresponding percentages were 79.5 for cotton looms, 7.7 for silk, and 12.8 for those in the woolen industries.

Table 44

CLASS OF LOOMS AND CENSUS.	NUMBER OF LOOMS.					
	Total.	Used in the manufacture of—				
		Cotton goods.	Silk goods.	Woolen goods.	Worsted goods.	Carpets and rugs.
Power:						
1909 (census of 1910)	825,478	665,652	75,406	33,148	39,476	11,796
1904 (census of 1905)	696,785	559,751	59,775	38,104	28,123	11,002
1899 (census of 1900)	573,214	455,752	41,257	36,734	26,130	9,841
1889 (census of 1890)	412,441	324,866	20,522	38,523	19,929	8,301
1879 (census of 1880)	285,494	227,383	5,321	32,955	11,703	8,132
1869 (census of 1870)	200,791	157,748	1,281	34,183	6,128	1,451
Hand:						
1909 (census of 1910)	248	(¹)	(²)	41	207	
1904 (census of 1905)	1,039	(¹)	283	66	690	
1899 (census of 1900)	1,311	(¹)	173	83	1,055	
1889 (census of 1890)	4,823	(¹)	1,747	448	2,628	
1879 (census of 1880)	7,929	(¹)	3,153	781	3,995	
1869 (census of 1870)	4,163	(¹)	188	(¹)	3,975	

¹ Not reported.

² Included with power looms.

Carpets and rugs.—The following table presents statistics for the manufacture of carpets and rugs, exclusive of rag and grass carpets and rugs.

Table 45

	1909	1904	1899
MATERIALS.			
Total cost.....	\$39,583,004	\$37,947,954	\$27,228,719
Wool, in condition purchased:			
Pounds.....	64,135,020	51,320,521	51,871,334
Cost.....	\$11,752,396	\$10,431,146	\$8,104,107
Equivalent of above in scoured condition, pounds.....	51,474,353	31,551,895	37,560,231
Animal hair:			
Pounds.....	6,805,944	6,805,802	6,189,757
Cost.....	\$474,057	\$593,588	\$549,610
Cotton:			
Pounds.....	5,147,130	1,997,369	1,943,912
Cost.....	\$533,302	\$251,112	\$129,449
Partly manufactured materials not made in mill reporting:			
Waste and mills—			
Pounds.....	2,732,034	2,172,481	2,325,054
Cost.....	\$513,392	\$341,309	\$305,733
Yarns—			
Woolen—			
Pounds.....	25,718,747	32,431,400	32,996,310
Cost.....	\$5,036,118	\$6,648,401	\$5,030,654
Worsted—			
Pounds.....	11,292,749	11,355,993	9,218,267
Cost.....	\$5,588,915	\$5,405,072	\$3,544,860
Cotton—			
Pounds.....	26,166,241	27,421,831	19,823,561
Cost.....	\$4,757,550	\$4,757,550	\$3,744,828
Linen—			
Pounds.....	8,792,876	8,228,200	8,388,211
Cost.....	\$1,066,009	\$1,355,892	\$1,164,826
Jute, ramie, and other vegetable fiber—			
Pounds.....	55,592,343	49,119,558	38,846,413
Cost.....	\$3,326,894	\$3,404,516	\$2,476,029
Chemicals and dyestuffs.....	\$1,729,492	\$1,467,476	\$1,151,723
All other materials.....	\$3,630,035	\$3,291,992	\$2,026,797
PRODUCTS.			
Total value.....	\$71,188,152	\$61,586,433	\$48,192,351
Carpets:			
Square yards.....	67,176,729	66,426,033	64,238,761
Value.....	\$48,475,859	\$43,991,125	\$38,405,926
Axminster and Moquette—			
Square yards.....	12,507,261	6,413,686	5,026,778
Value.....	\$18,680,806	\$6,368,757	\$4,762,269
Wilton—			
Square yards.....	4,576,368	1,297,872	*3,587,126
Value.....	\$8,737,768	\$3,726,607	*4,030,842
Brussels—			
Square yards.....	3,900,626	3,024,162	2,686,493
Value.....	\$5,216,607	\$3,898,675	\$2,979,867
Tapestry velvet—			
Square yards.....	* 6,927,198	* 8,033,288	4,280,066
Value.....	* \$1,514,130	* \$7,754,681	\$3,743,353
Tapestry Brussels—			
Square yards.....	11,405,514	14,099,074	8,737,449
Value.....	\$8,576,066	\$9,950,043	\$5,520,665
Ingrain—			
Square yards.....	17,799,762	33,557,951	39,920,849
Value.....	\$6,749,672	\$13,287,302	\$14,368,930
Rugs, woven whole—			
Square yards.....	24,042,152	16,244,810	12,171,289
Value.....	\$18,490,449	\$12,870,650	\$8,145,232
Axminster and Moquette—			
Square yards.....	3,184,097	1,767,920	327,598
Value.....	\$3,691,900	\$2,107,383	\$342,262
Wilton—			
Square yards.....	767,248	1,097,188	339,784
Value.....	\$1,381,562	\$1,983,777	\$545,967
Brussels—			
Square yards.....	475,831	(¹)	(¹)
Value.....	\$330,582	(¹)	(¹)
Tapestry velvet—			
Square yards.....	3,732,972	(¹)	(¹)
Value.....	\$3,513,063	(¹)	(¹)
Tapestry Brussels—			
Square yards.....	5,672,962	2,009,834	18,750
Value.....	\$4,422,427	\$1,509,073	\$9,000
Ingrain art squares—			
Square yards.....	6,131,862	7,135,546	2,722,232
Value.....	\$2,408,960	\$2,785,457	\$1,175,951
Smyrna—			
Square yards.....	1,400,233	3,828,282	3,651,661
Value.....	\$1,600,522	\$4,134,500	\$3,680,618
Other—			
Square yards.....	2,676,947	406,042	5,111,173
Value.....	\$1,078,633	\$349,560	\$2,391,434
All other products.....	\$4,221,814	\$4,724,658	\$4,641,193
MACHINERY.			
Sets of cards.....	745	686	* 468
Woolen.....	456	389	.....
Worsted.....	180	238	.....
Cotton.....	109	59	.....
Spindles.....	252,096	255,347	209,206
Producing.....	211,472	211,331	167,123
Doubling and twisting.....	40,624	44,016	42,083
Looms, all classes.....	12,971	18,533	12,511

¹ In addition, in 1909 carpets and rugs, to the value of \$479,161, and in 1904, to the value of \$70,000, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

* Includes Wilton velvet.

¹ Not reported separately.

¹ Not reported fully.

The aggregate production of carpets and rugs increased from 76,410,050 square yards in 1899 to 81,218,881 square yards in 1909, or only 6.3 per cent, but the value of the output increased from \$43,551,158 in 1899 to \$66,966,338 in 1909, or 53.8 per cent. The increase has been in all classes of rugs except Smyrna and "other rugs" and in all classes of carpets except ingrain. The cost of materials used increased at a rate almost equal to that of the value of products. The total carpet product decreased 11 per cent in quantity during the decade, but increased 36.9 per cent in value. The output of pile carpets increased 61.9 per cent in quantity and 98.3 per cent in value, while that of woven ply or ingrain carpets decreased 55.4 per cent in quantity and 53 per cent in value. The production of rugs woven whole increased 97.5 per cent in quantity and 127 per cent in value. More than two-thirds of the fiber material used in the manufacture of carpets is yarn purchased, and to the extent that this yarn is manufactured by carpet mills there is a duplication in the products.

Cordage and twine and jute and linen goods.—Table 46 presents statistics for the manufacture of cordage and twine and jute and linen goods, including nets and seines, but does not include the figures for these classes of goods produced in penal institutions or in establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

The principal products manufactured in this country from flax, hemp, and jute fibers are twine, rope, and thread, and yarns for sale to establishments using chiefly cotton, wool, and silk fibers.

The production of linen toweling and other linen woven goods increased decidedly between 1899 and 1909, but this item is not shown separately in the table, because a very large proportion of the total product is manufactured by one establishment.

The output of gunny bagging decreased from 74,090,760 square yards in 1899 to 69,311,288 square yards in 1909, while its value increased from \$3,462,479 to \$3,507,482. The aggregate rope and twine product in 1909 was 504,020,697 pounds, valued at \$42,864,658, as compared with 343,656,384 pounds, valued at \$31,250,468, in 1899. In 1899 cotton rope and twine formed 3 per cent of the total output of the cordage and twine industry, and in 1909, 7.4 per cent. This class of products increased 260.6 per cent in quantity and 372.9 per cent in value during the decade, while rope and twine of all other fiber increased 40 per cent in quantity and 21.6 per cent in value. In addition to the cotton rope and twine product included in the figures given above, 21,319,678 pounds, valued at \$3,581,917, were made in 1909 in mills engaged primarily in the manufacture of cotton goods.

Table 46	1909	1899
MATERIALS.		
Total cost	\$40,914,810	\$33,063,793
Hard fibers:		
Sisal and manila hemp—		
Pounds.....	335,460,574	269,594,673
Cost.....	\$19,314,306	\$17,743,624
Other kinds—		
Pounds.....	17,222,998	6,344,371
Cost.....	\$707,802	\$352,528
Soft fibers:		
Jute—		
Pounds.....	121,992,427	87,443,201
Cost.....	\$4,134,265	\$2,431,429
Jute burrs—		
Pounds.....	138,364,122	118,806,625
Cost.....	\$2,033,176	\$1,795,653
Flax and flax tow—		
Pounds.....	26,954,785	16,980,646
Cost.....	\$3,174,609	\$2,080,862
Hemp and hemp tow—		
Pounds.....	19,724,070	25,588,715
Cost.....	\$1,436,123	\$1,404,653
Cotton:		
Pounds.....	27,624,490	13,022,755
Cost.....	\$2,922,933	\$849,426
Yarns, purchased:		
Cotton—		
Pounds.....	7,077,959	4,973,080
Cost.....	\$1,291,599	\$709,889
Flax, hemp, jute, and ramio—		
Pounds.....	2,676,367	1,788,170
Cost.....	\$445,378	\$262,156
All other materials.....	\$5,394,617	\$5,433,573
PRODUCTS.		
Total value	\$61,019,986	\$49,077,629
Rope and binder twine	\$33,930,306	\$26,909,027
Sisal—		
Pounds.....	225,756,526	172,238,291
Value.....	\$15,960,280	\$14,005,566
Manila—		
Pounds.....	150,169,682	123,584,201
Value.....	\$12,892,347	\$12,192,798
Cotton rope—		
Pounds.....	16,760,763	1,615,824
Value.....	\$3,011,613	\$247,250
Jute rope—		
Pounds.....	27,749,512	10,012,165
Value.....	\$1,566,160	\$463,413
All other—		
Pounds.....	7,767,561	(?)
Value.....	\$499,906	(?)
Twine, not including binder	\$8,934,352	\$4,341,441
Cotton—		
Pounds.....	20,412,631	8,691,707
Value.....	\$3,518,036	\$1,133,640
Jute—		
Pounds.....	35,516,217	1,679,127
Value.....	\$2,557,744	\$117,539
Hemp—		
Pounds.....	8,013,349	9,065,204
Value.....	\$1,091,291	\$1,019,590
Flax—		
Pounds.....	2,967,053	3,845,978
Value.....	\$800,969	\$969,469
Flax or hemp mixed with jute—		
Pounds.....	8,907,403	12,924,067
Value.....	\$936,312	\$1,101,203
Yarns for sale	\$5,434,037	\$4,455,734
Jute—		
Pounds.....	62,512,247	54,271,860
Value.....	\$4,361,550	\$3,230,835
Flax and hemp—		
Pounds.....	5,486,891	5,259,653
Value.....	\$952,742	\$1,125,971
Other—		
Pounds.....	732,120	946,567
Value.....	\$89,745	\$98,928
Linen thread:		
Pounds.....	6,530,503	4,021,044
Value.....	\$3,407,008	\$2,332,287
Gunny bagging:		
Square yards.....	69,311,288	74,090,760
Value.....	\$3,507,482	\$3,462,479
Jute carpets and rugs:		
Square yards.....	2,206,114	2,953,658
Value.....	\$549,220	\$357,568
All other products.....	\$5,257,580	\$7,219,093

¹ In addition, cordage and twine and jute and linen goods to the value of \$90,629 were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

² Not reported.

Cotton goods, including cotton small wares.—Table 47 presents the statistics for cotton manufactures, not including cotton hosiery and knit goods.

The aggregate value of cotton woven goods manufactured, exclusive of narrow weaves, such as tape and webbing, was \$456,089,401 in 1909, compared with \$243,253,155 in 1899, an increase of 87.5 per cent for the decade. The rate of increase, however, in quantity was very much less, 6,348,568,593 square yards of woven goods being reported in 1909, compared with

4,523,430,616 in 1899, an increase of 40.3 per cent. The output of almost every class of woven goods increased during the decade.

The total production of yarn in cotton mills in 1909 was 2,040,290,743 pounds, of which 470,370,995 pounds, valued at \$109,314,953, were made for sale. Part of this yarn was sold to other cotton mills, thus involving duplication in the total value of products for the industry. Some of it was sold to woolen and silk mills and a large quantity to knitting mills.

Table 47	1909	1904	1899	1909	1904	1899
MATERIALS.			PRODUCTS—continued.			
Total cost.....	\$371,909,470	\$286,256,303	\$176,561,527	Woven goods—Continued.		
Cotton:				Napped fabrics—		
Pounds.....	2,335,344,906	1,876,437,159	1,817,643,399	Square yards.....	305,655,864	330,508,140
Cost.....	\$274,724,210	\$222,212,749	\$135,169,616	Value.....	\$25,965,307	\$26,108,315
Domestic—				Corduroy, cotton, velvet, and plush—		
Pounds.....	2,259,312,974	1,832,738,744	1,761,798,458	Square yards.....	19,706,438	16,014,556
Cost.....	\$261,547,820	\$214,615,844	\$119,098,443	Value.....	\$6,865,634	\$4,790,573
Foreign—				Mosquito and other netting—		
Pounds.....	76,031,932	43,700,406	55,844,932	Square yards.....	50,100,819	36,232,918
Cost.....	\$13,176,390	\$7,596,305	\$6,071,173	Value.....	\$2,103,560	\$794,953
Cotton yarn:				Upholstering goods—		
Pounds.....	126,707,003	105,411,516	91,632,864	Square yards.....	94,840,051	65,592,212
Cost.....	\$34,384,791	\$24,611,200	\$17,622,568	Value.....	\$14,882,842	\$12,111,698
Cotton waste:				Tapestries (piece goods and curtains)—		
Pounds.....	80,044,061	76,678,645	41,234,900	Square yards.....	10,657,385	9,605,006
Cost.....	\$4,225,793	\$3,814,299	\$1,515,910	Value.....	\$4,723,907	\$4,242,506
Starch:				Lace and lace curtains—		
Pounds.....	71,774,574	54,489,534	53,800,734	Square yards.....	81,007,314	53,511,222
Cost.....	\$2,114,756	\$1,506,804	\$1,227,010	Value.....	\$8,422,082	\$7,208,211
Chemicals and dyestuffs.....	\$4,886,514	\$4,573,375	\$5,718,107	Other—		
All other materials.....	\$50,673,409	\$29,536,885	\$25,298,635	Square yards.....	3,175,352	2,475,984
				Value.....	\$1,230,833	\$860,951
PRODUCTS.			Bags and bagging—			
Total value.....	\$628,391,813	\$450,467,704	\$339,200,320	Square yards.....	63,107,568	57,067,663
Woven goods:				Value.....	\$4,862,451	\$3,953,732
Square yards.....	6,348,568,593	5,110,308,812	4,523,430,616	Cotton towels and toweling—		
Value.....	\$456,089,401	\$324,747,837	\$243,253,155	Square yards.....	52,778,170	40,280,292
Plain cloths for printing or converting—				Value.....	\$6,037,075	\$4,365,470
Square yards.....	2,224,677,848	1,818,216,172	1,581,613,827	Tape and webbing		
Value.....	\$111,097,889	\$80,311,612	\$57,780,940	Square yards.....	\$5,531,674	\$4,060,488
Brown or bleached sheetings and shirtings—				Yarns for sale:		
Square yards.....	1,484,353,529	1,172,309,182	1,212,403,048	Pounds.....	470,370,995	364,634,753
Value.....	\$88,802,965	\$61,253,376	\$55,513,032	Value.....	\$109,314,953	\$79,939,087
Twills and satens—				Threads—		
Square yards.....	388,314,961	366,142,513	235,860,518	Pounds.....	23,700,557	17,163,741
Value.....	\$34,274,107	\$23,701,305	\$14,301,302	Value.....	\$20,516,209	\$15,043,043
Fancy woven fabrics—				Twine:		
Square yards.....	426,710,359	396,254,685	237,841,003	Pounds.....	13,715,771	7,301,589
Value.....	\$47,498,713	\$28,486,342	\$21,056,310	Value.....	\$2,447,391	\$1,428,994
Ginghams—				Cordage and rope:		
Square yards.....	537,430,463	392,316,132	278,392,708	Pounds.....	7,093,007	(?)
Value.....	\$37,939,040	\$22,471,897	\$16,179,200	Value.....	\$1,164,526	(?)
Duck—				Cotton waste for sale:		
Square yards.....	162,476,322	122,601,212	129,234,076	Pounds.....	310,513,348	247,649,640
Value.....	\$27,485,892	\$17,005,982	\$14,263,008	Value.....	\$10,874,356	\$10,062,057
Drills—				All other products.....		
Square yards.....	238,860,497	194,735,303	237,296,549		\$22,483,213	\$15,185,508
Value.....	\$17,750,151	\$12,546,093	\$11,862,794	MACHINERY.		
Ticks, denims, and stripes—				Producing spindles, number.....		
Square yards.....	264,870,508	256,375,486	181,800,853		27,425,608	23,195,143
Value.....	\$27,350,162	\$23,797,878	\$16,446,633	Looms, all classes, number.....		
Cottonades—					605,049	569,296
Square yards.....	25,676,286	25,362,346	26,323,947			455,752
Value.....	\$3,343,533	\$2,968,971	\$2,791,431			

¹ In addition, cotton goods to the value of \$2,234,090 were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

² Not reported separately.

Felt goods.—Table 48 covers the statistics for all establishments engaged primarily in the manufacture of felt goods except those making hats. The aggregate value of products of the three felt industries—the manufacture of felt goods, fur-felt hats, and wool-felt hats—was \$64,099,667 in 1909, \$48,035,213 in 1904, and \$37,864,818 in 1899, the increase in value from 1899 to 1909 being 69.3 per cent.

The value of products for the felt-goods industry, exclusive of the making of felt hats, was \$11,852,626 in 1909 and \$6,461,691 in 1899, an increase for the decade of 83.4 per cent.

The increase in the production of endless belts during the decade was particularly large, amounting to 191 per cent in quantity and 215.1 per cent in value.

Table 18	1909	1904	1899
MATERIALS.			
Total cost.....	\$6,967,206	\$5,754,026	\$3,801,028
Wool, in condition purchased:			
Pounds.....	12,409,826	11,808,238	9,606,263
Cost.....	\$3,927,393	\$3,388,588	\$2,196,440
Equivalent of above in scoured condition, pounds.....	9,308,172	8,131,082	6,468,097
Animal hair, etc.:			
Pounds.....	8,144,011	6,974,634	2,819,521
Cost.....	\$239,244	\$373,797	\$125,803
Cotton:			
Pounds.....	1,375,670	1,982,624	1,235,850
Cost.....	\$155,815	\$217,200	\$77,683
Sheddy, mungo, and wool extract:			
Pounds.....	2,536,243	1,532,127	712,373
Cost.....	\$261,878	\$157,031	\$80,737
Waste and noils:			
Pounds.....	4,874,712	1,948,969	2,653,590
Cost.....	\$1,220,110	\$452,569	\$552,992
Chemicals and dyestuffs.....	\$219,891	\$189,750	\$128,296
All other materials.....	\$942,875	\$975,151	\$639,077
PRODUCTS.			
Total value.....	\$11,852,628	\$8,948,594	\$6,461,691
Felt cloths:			
Square yards.....	3,764,468	3,689,610	2,056,002
Value.....	\$1,381,854	\$1,830,627	\$548,543
Trimming and lining felts, felt skirts, etc:			
Square yards.....	5,953,410		
Value.....	\$1,329,686		
Saddle felts:			
Pounds.....		5,145,340	2,469,830
Value.....		\$1,188,968	\$796,718
Endless belts:			
Pounds.....	3,243,034	1,770,124	1,114,357
Value.....	\$9,417,822	\$1,707,216	\$1,084,835
Boot and shoe linings:			
Square yards.....	1,661,090	2,823,137	1,052,538
Value.....	\$514,456	\$781,450	\$540,110
Hair felting:			
Square yards.....	1,159,999	605,214	125,000
Value.....	\$531,045	\$191,998	\$56,950
All other felts.....	\$3,549,876	\$2,592,894	\$2,261,918
All other products.....	\$552,038	\$655,501	\$1,172,617
MACHINERY.			
Sets of cards.....	473	463	4302
Woolen.....	472	451	.....
Cotton.....	1	12	.....
Spindles.....	30,353	17,817	24,286
Producing.....	29,403	17,457	23,235
Doubling and twisting.....	890	960	1,051
Looms, all classes.....	408	265	284

¹ Not fully reported.

Hats, fur-felt and wool-felt.—The total output in 1909 of establishments engaged primarily in the manufacture of fur-felt or wool-felt hats was 42,962,508 hats of all varieties, valued at \$47,089,253; in 1904 it was 36,695,952 hats, valued at \$36,604,304; and in 1899, 32,325,564 hats, valued at \$28,546,867. Fur-felt hats, generally known as felt hats, formed 83.5 per cent of the total number in 1909 and 69.9 per cent in 1899, while wool-felt hats, generally known as wool hats, formed 16.5 per cent of the total in 1909 and 30.1 per cent in 1899.

There is some duplication in value of products, due to the use of felt hat bodies and hats in the rough made at one establishment as material at another.

The following table gives the quantity and value of the materials and products of the fur-felt hat industry in 1909, 1904, and 1899. The products increased in value 72.1 per cent during the decade, and the number of finished hats increased 58.8 per cent.

Table 19	1909	1904	1899
MATERIALS.			
Total cost.....	\$22,109,231	\$15,975,206	\$13,513,668
Hatters' fur:			
Pounds.....	8,645,576	6,718,369	6,166,269
Cost.....	\$9,278,922	\$6,743,936	\$6,376,991
Fur-felt hat bodies and hats in the rough:			
Dozens.....	406,447	211,760	148,212
Cost.....	\$2,575,248	\$1,351,372	\$882,986
Chemicals and dyestuffs.....	\$843,587	\$1,140,281	\$656,794
All other materials.....	\$9,111,474	\$6,779,517	\$5,596,897
PRODUCTS.			
Total value.....	\$47,864,630	\$36,629,353	\$27,811,187
Fur-felt hats:			
Dozens.....	2,989,252	2,611,875	1,882,372
Value.....	\$43,442,466	\$34,314,234	\$25,385,506
Fur-felt hat bodies and hats in the rough:			
Dozens.....	366,370	88,986	165,010
Value.....	\$2,703,738	\$669,959	\$992,730
All other products.....	\$1,164,872	\$1,093,361	\$941,032
Work on materials for others.....	\$553,554	\$540,799	\$491,919

¹ In addition, in 1909, fur-felt hats, to the value of \$806,601, and in 1904, to the value of \$333,441, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

The statistics for the manufacture of wool-felt hats are given in the following table. The increase in the total value of all products for the decade was 22.1 per cent. The output of finished wool hats in 1909, though greater than in 1904, showed a decrease of 27.2 per cent as compared with 1899.

Table 50	1909	1904	1899
MATERIALS.			
Total cost.....	\$2,472,263	\$1,369,810	\$2,042,202
Wool, in condition purchased:			
Pounds.....	1,203,498	1,633,525	2,713,374
Cost.....	\$404,127	\$465,591	\$788,973
Equivalent of above in scoured condition, pounds.....	989,110	1,231,576	1,898,605
Wool waste and noils:			
Pounds.....	1,281,764	257,363	862,962
Cost.....	\$661,172	\$119,407	\$370,792
Wool-felt hat bodies and hats in the rough:			
Dozens.....	21,864	12,089	4,939
Cost.....	\$83,020	\$25,997	\$13,920
Chemicals and dyestuffs.....	\$104,503	\$63,965	\$108,502
All other materials.....	\$1,219,441	\$664,907	\$760,015
PRODUCTS.			
Total value.....	\$4,382,411	\$2,457,266	\$3,581,940
Wool-felt hats:			
Dozens.....	590,957	446,121	611,425
Value.....	\$3,646,787	\$2,290,070	\$3,101,361
Wool-felt hat bodies and hats in the rough:			
Dozens.....	53,896	18,587	56,006
Value.....	\$309,492	\$100,491	\$120,262
All other products.....	\$426,132	\$66,705	\$310,317

¹ In addition, wool-felt hats, to the value of \$904,643, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

Hosiery and knit goods.—Table 51, presenting the statistics for hosiery and knit goods, includes hand-knit as well as machine-knit goods.

The total cost of materials in the hosiery and knit-goods industry was \$110,241,053 in 1909, \$76,789,348 in 1904, and \$51,195,330 in 1899. The cost of cotton and cotton yarn represented 51.7 per cent of the total cost of material used in 1909, 52.4 per cent in 1904, and 50.3 per cent in 1899. A portion of the yarn reported as material was purchased from other establish-

ments included in this classification and is therefore duplicated in the value of products. The increase in the total cost of materials in 1909 over the cost for 1899 was 115.3 per cent, and the increase in the total value of products was 108.8 per cent. Of the total value of the products, shirts and drawers contributed 34.8 per cent in 1909 and 47.7 per cent in 1899, while hosiery contributed 34.3 per cent in 1909 and 28.6 per cent in 1899. The hosiery product increased in value from

\$27,420,029 in 1899 to \$68,721,825 in 1909, or 150.6 per cent, and shirts and drawers from \$45,675,594 to \$69,592,817, or 52.4 per cent. Sweaters, cardigan jackets, etc., show the largest relative increase in value for the decade, and combination suits the next largest, the value of the former increasing from \$3,498,837 to \$22,430,817, or more than fivefold, and that of the latter from \$3,691,847 to \$14,853,536, or about threefold.

Table 51	1909	1904	1899	1909	1904	1899
MATERIALS.			PRODUCTS—continued.			
Total cost.....	\$110,241,053	\$76,789,348	\$51,195,330	Hosiery—Continued.		
Cotton:				Silk—		
Pounds.....	75,416,023	50,586,760	49,451,301	Dozen pairs.....	434,414	42,065
Cost.....	\$8,803,509	\$5,869,317	\$5,561,592	Value.....	\$3,600,416	\$522,303
Wool, in condition purchased:				Shirts and drawers:		
Pounds.....	7,068,788	17,300,616	17,953,907	Dozens.....	25,377,779	19,723,141
Cost.....	\$2,919,056	\$6,153,858	\$5,262,135	Value.....	\$69,592,817	\$46,675,594
Equivalent of above in scoured condition, pounds:				All cotton—		
Shoddy, purchased:	5,582,839	13,909,144	13,031,308	Value.....	22,567,121	17,107,958
Pounds.....	7,482,553	7,489,358	3,770,626	Value.....	\$50,007,598	\$26,882,902
Cost.....	\$919,970	\$923,719	\$488,792	Merino or mixed—		
Wool waste and noils, purchased:				Dozens.....	2,536,473	2,113,810
Pounds.....	8,586,261	6,020,459	5,276,454	Value.....	\$17,065,624	\$13,293,829
Cost.....	\$2,513,129	\$1,711,669	\$1,487,907	All wool—		
Yarns, purchased:				Dozens.....	178,163	483,328
Cotton—				Value.....	\$1,820,521	\$4,980,818
Pounds.....	216,987,611	161,500,466	131,820,068	Silk and silk mixed—		
Cost.....	\$48,165,749	\$34,372,910	\$22,204,918	Dozens.....	56,022	16,045
Worsted—				Value.....	\$709,074	\$305,410
Pounds.....	10,370,004	8,780,570	5,823,215	Combination suits:		
Cost.....	\$10,116,325	\$7,457,690	\$4,865,304	Dozens.....	2,473,103	1,440,420
Woolen—				Value.....	\$14,853,536	\$6,795,947
Pounds.....	6,140,265	4,839,343	2,621,893	All cotton—		
Cost.....	\$3,834,094	\$2,798,454	\$1,257,957	Dozens.....	2,047,637	1,220,301
Merino—				Value.....	\$9,713,597	\$4,478,664
Pounds.....	4,014,609	2,568,800	1,081,484	Merino or mixed—		
Cost.....	\$2,667,951	\$1,118,999	\$642,535	Dozens.....	364,387	105,242
Silk and spun silk—				Value.....	\$4,217,432	\$1,199,949
Pounds.....	962,753	320,671	266,247	All wool—		
Cost.....	\$3,606,599	\$1,200,259	\$946,801	Dozens.....	50,102	63,067
Chemicals and dyestuffs.....	\$2,541,939	\$1,677,252	\$1,023,161	Value.....	\$983,289	\$96,132
All other materials.....	\$23,853,633	\$13,505,221	\$9,454,698	Silk or silk mixed—		
Yarns made in mill for use therein.				Dozens.....	10,977	6,810
Cotton, pounds.....	69,171,277	39,954,890	40,845,839	Value.....	\$329,218	\$150,202
Woolen, pounds.....	8,316,349	(1)	(1)	Sweaters, cardigan jackets, etc.:		
Worsted, pounds.....	223,404	(1)	(1)	Dozens.....	2,221,410	\$11,629
Merino, pounds.....	20,856,989	(1)	(1)	Value.....	\$22,430,817	\$8,545,369
PRODUCTS.			Gloves and mittens:			
Total value.....	\$300,143,527	\$137,076,454	\$95,833,693	Dozen pairs.....	2,527,880	2,260,508
Hosiery:				Value.....	\$7,296,887	\$5,556,290
Dozen pairs.....	62,825,069	44,186,063	29,903,890	Hoods, scarfs, neckties, etc.:		
Value.....	\$98,721,825	\$44,113,260	\$27,420,029	Dozens.....	888,233	589,315
Cotton, merino, and woolen—				Value.....	\$3,217,985	\$1,774,862
Hose—				Shawls:		
Dozen pairs.....	24,499,562	25,999,813	16,644,769	Dozens.....	218,293	435,306
Value.....	\$37,903,011	\$26,152,043	\$16,203,372	Value.....	\$916,294	\$1,293,348
Cotton—				Boot and shoe linings:		
Dozen pairs.....	32,499,104	24,169,804	15,028,173	Square yards.....	9,726,770	11,768,961
Value.....	\$34,678,622	\$22,764,799	\$13,275,732	Value.....	\$1,239,464	\$1,295,063
Merino or mixed—				Yarns for sale.....	\$1,785,531	\$1,000,083
Dozen pairs.....	834,029	746,226	436,801	Cotton.....	7,457,412	3,304,615
Value.....	\$1,466,283	\$1,182,164	\$659,959	Worsted, and merino—	\$1,568,417	\$654,234
Woolen or worsted—				Pounds.....	488,322	491,559
Dozen pairs.....	1,166,429	1,083,783	1,176,705	Value.....	\$217,114	\$345,849
Value.....	\$2,358,106	\$2,205,080	\$2,267,681	Woolen, worsted, and merino—		
Half hose—				Pounds.....	1,161,317	1,161,317
Dozen pairs.....	27,891,093	18,144,185	13,249,558	Value.....	\$217,114	\$345,849
Value.....	\$27,218,398	\$17,438,914	\$11,030,244	All other products.....	\$10,118,371	\$10,306,064
Cotton—				MACHINERY.		
Dozen pairs.....	24,805,917	15,223,243	11,352,081	Sets of cards.....	2,681	2,061
Value.....	\$21,831,363	\$11,821,830	\$7,966,945	Cotton.....	1,827	1,000
Merino or mixed—				Woolen.....	884	977
Dozen pairs.....	2,023,641	1,611,066	657,520	Worsted.....	10	24
Value.....	\$3,299,912	\$2,214,678	\$1,384,764	Spindles.....	736,774	603,180
Woolen or worsted—				Producing.....	729,955	596,362
Dozen pairs.....	1,061,535	1,309,876	939,957	Doubling and twisting.....	6,839	6,818
Value.....	\$2,087,121	\$3,402,406	\$1,738,535	Knitting machines, all classes.....	115,019	88,574
				Sewing machines, all classes.....	43,885	30,410

¹ Not reported.

² In addition, in 1909, hosiery and knit goods, to the value of \$2,975,749, and in 1904, to the value of \$1,579,633, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

Oilcloth and linoleum.—Table 52 presents the statistics of the production of oilcloth, linoleum, and artificial leather. Artificial leather, which at former censuses was included under upholstering materials, was reported separately for the first time at the census of 1909. At the census of 1899 oilcloth and linoleum were not reported in detail, but the total value of these products was \$11,402,620. This had

increased to \$13,977,137 in 1904 and to \$22,525,940 in 1909. The production of oilcloth in 1909 was in the aggregate *96,862,068 square yards and in 1904 71,057,684 square yards, an increase for the five years of 36.3 per cent. The linoleum product increased relatively much more; it amounted to 30,676,254 square yards in 1909 and 16,891,462 square yards in 1904, an increase of 81.6 per cent.

PRODUCT.	1909	1904
Total value	\$28,253,796	\$14,792,246
Oilecloth	\$11,681,012	\$8,648,337
Floor		
Square yards.....	18,354,851	21,456,615
Value.....	\$3,776,660	\$3,565,689
Enameled		
Square yards.....	17,338,440	11,574,956
Value.....	\$2,265,146	\$1,542,407
Table		
Square yards.....	61,168,777	38,026,083
Value.....	\$5,639,206	\$3,540,181
Linoleum	\$10,844,928	\$5,328,800
Linoleum, including cork carpet—		
Square yards.....	26,215,979	14,765,284
Value.....	\$7,850,437	\$4,223,992
Inlaid linoleum—		
Square yards.....	4,460,275	2,126,178
Value.....	\$2,994,491	\$1,104,808
Artificial leather		
Square yards.....	11,869,875	(*)
Value.....	\$3,448,617	(*)
All other products	\$229,239	\$815,109

* In addition, products to the value of \$33,328 were reported by establishments engaged primarily in the manufacture of products other than those covered by the industry designation. The production of artificial leather is included under "upholstering materials" in Table 110.

† Figures not available.

Shoddy.—The statistics given in the following table relate only to establishments primarily engaged in the manufacture of shoddy, mungo, and wool extract, and do not include those for spinning and weaving mills and hosiery and knit-goods factories which manufacture shoddy for their own use or for sale. Mills engaged in the cutting of flocks and the cleaning and gannetting of waste are included, as in previous censuses. The total cost of materials used was \$5,000,706 in 1909, and the total value of the products was \$7,446,364, both of these amounts being somewhat larger than in 1899 but smaller than in 1904. The total output of the products specifically classified was 57,888,999 pounds in 1909, 63,787,770 pounds in 1904, and 47,684,714 pounds in 1899.

	1909	1904	1899
MATERIALS.			
Total cost	\$5,000,706	\$6,055,731	\$4,875,192
Tailors' clippings, rags, etc.:			
Pounds.....	64,561,713	68,921,097	79,623,312
Cost.....	\$3,051,045	\$4,295,641	\$3,558,706
Waste and noils of wool, mohair, camel's hair, etc.:			
Pounds.....	7,567,579	8,177,846	4,236,028
Cost.....	\$917,976	\$909,751	\$936,972
Wool, in condition purchased:			
Pounds.....	237,097	597,492	422,349
Cost.....	\$98,632	\$127,927	\$127,099
Equivalent of above in scoured condition, pounds:	196,097	421,492	242,997
Chemicals and dyestuffs	\$138,241	\$142,455	\$111,095
All other materials	\$795,412	\$579,954	\$384,320
PRODUCTS.			
Total value	\$7,446,364	\$8,406,425	\$6,730,974
Shoddy and mungo:			
Pounds.....	48,375,724	54,401,295	39,014,661
Value.....	\$5,699,260	\$6,831,089	\$5,388,378
Wool extract:			
Pounds.....	5,637,514	6,375,768	4,950,825
Value.....	\$965,528	\$727,912	\$620,504
Waste:			
Pounds.....	2,237,748	42,504	1,608,470
Value.....	\$275,945	\$1,544	\$148,043
Flocks:			
Pounds.....	1,638,013	2,968,203	2,080,758
Value.....	\$407,697	\$143,536	\$131,894
All other products	\$268,708	\$305,805	\$151,494
Work on materials for others	\$229,626	\$335,939	\$290,661
MACHINERY.			
Pickers, number	346	317	(*)
Garnett machines, number	158	116	(*)

* In addition, shoddy to the value of \$367,278 was made for sale by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

† Not reported.

Silk and silk goods.—The following table, which presents statistics for the manufacture of silk and silk goods, includes data for establishments that make a specialty of throwing and winding silk:

	1909	1904	1899
MATERIALS.			
Total cost	\$107,766,816	\$75,861,188	\$62,406,665
Silk:			
Raw—			
Pounds.....	17,472,204	11,572,783	9,760,770
Cost.....	\$67,787,937	\$45,311,661	\$40,721,877
Spun—			
Pounds.....	2,212,972	1,916,201	1,550,291
Cost.....	\$4,848,789	\$4,310,061	\$3,406,059
Artificial—			
Pounds.....	914,494	465,151	6,056
Cost.....	\$1,926,894	\$1,623,473	\$10,380
Organzine and tram, purchased—			
Pounds.....	3,377,972	3,236,744	2,338,464
Cost.....	\$14,679,719	\$14,552,425	\$10,539,632
Fringe and dress, including waste, noils, etc., purchased—			
Pounds.....	2,402,960	1,49,811	1,735,179
Cost.....	\$1,637,187	\$127,159	\$1,008,947
Yarns, other than silk:			
Cotton, including mercerized—			
Pounds.....	14,111,878	9,018,265	6,664,069
Cost.....	\$5,811,582	\$3,057,989	\$1,996,233
Woolen or worsted—			
Pounds.....	610,588	443,155	239,461
Cost.....	\$765,989	\$469,867	\$167,770
Mohair—			
Pounds.....	710,106	138,289	104,810
Cost.....	\$640,529	\$137,097	\$107,365
All other—			
Pounds.....	353,780	130,930	168,388
Cost.....	\$450,597	\$108,841	\$134,986
Chemicals and dyestuffs	\$1,062,313	\$666,992	(*)
All other materials	\$8,150,280	\$5,488,868	\$4,313,416
PRODUCTS.			
Total value	\$196,911,667	\$133,288,072	\$107,256,258
Broad silks:			
Yards.....	185,707,316	124,671,215	87,436,883
Value.....	\$107,881,146	\$66,917,762	\$52,152,816
Plain and fancies—			
All silk—			
Yards.....	61,934,158	68,393,042	53,573,488
Value.....	\$53,282,704	\$40,741,480	\$33,852,111
Silk mixed—			
Yards.....	24,742,556	9,061,025	8,963,315
Value.....	\$14,207,681	\$5,343,472	\$5,450,710
Jacquard—			
All silk—			
Yards.....	13,249,090	8,143,091	7,532,229
Value.....	\$9,835,345	\$5,927,063	\$5,379,001
Silk mixed—			
Yards.....	6,043,686	2,336,120	1,077,466
Value.....	\$3,473,799	\$1,229,648	\$1,260,321
Piece-dyed—			
All silk—			
Yards.....	19,693,393	21,334,584	7,331,501
Value.....	\$11,353,242	\$9,276,445	\$3,342,167
Silk mixed—			
Yards.....	40,044,433	15,043,353	8,558,884
Value.....	\$15,728,195	\$4,309,654	\$2,868,506
Velvets:			
Yards.....	10,068,583	7,262,315	5,122,249
Value.....	\$4,767,990	\$3,161,206	\$2,479,903
Plushes:			
Yards.....	2,759,411	2,547,267	3,848,684
Value.....	\$2,104,768	\$1,340,815	\$2,480,068
Tapestries and upholstery:			
Yards.....	226,717	1,766,210	1,333,119
Value.....	\$382,820	\$1,559,982	\$1,009,835
Ribbons	\$32,744,873	\$21,890,004	\$18,467,179
Laces, nets, veils, veiling, etc.	\$1,350,850	\$745,489	\$605,104
Embroideries	\$485,322	\$112,362	\$57,625
Trimmings and gimpes	\$824,527	\$1,016,954	\$444,757
Braids and bindings	\$4,483,248	\$3,436,977	\$1,522,555
Trimmings	\$3,850,448	\$3,107,697	\$2,034,076
Machinists:			
Pounds.....	1,088,780	992,998	987,917
Value.....	\$6,341,719	\$5,221,055	\$5,997,974
Sewing, embroidery, wash, fringe, and loss silks:			
Pounds.....	747,246	811,711	739,301
Value.....	\$4,179,355	\$4,625,016	\$4,248,216
Organzine and tram, for sale:			
Pounds.....	2,740,319	2,025,645	2,408,387
Value.....	\$12,550,510	\$9,190,050	\$11,167,191
Spun silk, for sale:			
Pounds.....	779,462	570,529	437,459
Value.....	\$2,164,066	\$1,660,647	\$1,036,227
All other products	\$4,495,675	\$3,227,800	\$1,027,472
Work done on materials for others	\$8,364,350	\$3,716,056	\$2,337,220

* Does not include waste, noils, etc.

† Not reported separately.

‡ In addition, silk and silk goods to the value of \$1,218,101 were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

The increase in the cost of materials and in the value of products for the period 1899–1909 was 72.7 and 83.6 per cent, respectively. Considerable duplication occurs in the total cost of materials and in the total value of products shown in the preceding table. To eliminate this duplication the following method may be used: (1) organzine and tram, reported as material and product, is deducted from both materials and products, respectively; (2) spun silk, reported as a product, is deducted from both materials and products; (3) fringe and floss, reported as material, is deducted from both materials and products; and (4) amount received for contract work, reported as product, is deducted from products.

The total production of broad weaves in 1909 was 198,787,027 running yards, single width, valued at \$115,136,724, compared with 97,940,935 yards, valued at \$58,122,622, in 1899, the increase in quantity being 103 per cent and that in value 98.1 per cent. Broad silks formed over nine-tenths of all broad weaves in 1909, the increase in the output between 1899 and 1909 being 111.9 per cent. The increase in the output of all other broad weaves combined—velvets, plushes, tapestries, and upholsteries—was only 26.9 per cent.

In 1899 all-silk goods constituted 78.1 per cent of the broad-silk product, and silk-mixed goods 21.9 per cent, whereas in 1909 the proportion for the latter had risen to 38.1 per cent and that for the former had fallen to 61.9 per cent. The change was due to an increase during the decade of 268.9 per cent in the output of silk-mixed broad silks, while that for all-silk was only 67.9 per cent.

Between 1899 and 1909 the rate of increase in the

output of broad woven silk goods was much greater than that for either broad woven cotton or broad woven woolen goods, the increases for the three classes being 103, 40.3, and 33.8 per cent, respectively.

Woolen and worsted goods.—The following table presents statistics for establishments engaged primarily in the manufacture of woolen and worsted goods. The total value of products for the industry involves considerable duplication, due to the use of partly finished products of some establishments as material for others. In 1909 the establishments in this industry produced 570,743,797 square yards of woven goods, exclusive of upholstery goods and sundries, compared with 505,821,956 square yards in 1904 and 426,572,856 in 1899, the increase for the decade being 33.8 per cent. The value of these goods was \$296,447,594 in 1909, \$234,737,036 in 1904, and \$183,306,664 in 1899, an increase for the decade of 61.7 per cent. The highest rate of increase was reported for the all-wool woven group, the output of which increased 49.3 per cent in quantity. The output of unions decreased decidedly, while that of cotton-warp woven goods increased 37.6 per cent in quantity. The all-wool yardage constituted 56.6 per cent of the total in 1909 and 50.7 per cent in 1899, while the union yardage constituted 6.6 per cent of the total in 1909, as compared with 13.4 per cent in 1899. Cotton-warp fabrics formed about the same proportion of the total in both years—somewhat over one-third. There has thus been a considerable shift during the decade from the manufacture of cotton-mixed to that of all-wool goods.

Table 55	1909	1904	1899	1909	1904	1899
MATERIALS.			MATERIALS—continued.			
Wool: Total cost.....	\$273,438,570	\$197,489,306	\$148,087,178	Yarns purchased: Woolen		
In condition purchased--				Pounds.....	931,222	5,750,088
Pounds.....	474,755,396	418,703,811	330,178,552	Cost.....	\$538,270	\$2,622,882
Cost.....	\$136,666,917	\$105,435,451	\$78,803,830	Worsted		
Domestic				Pounds.....	59,148,771	31,047,516
Pounds.....	310,602,279	319,800,490	250,393,205	Cost.....	\$56,033,701	\$24,904,511
Cost.....	\$85,018,238	\$78,673,136	\$59,046,158	Merino		
Foreign--				Pounds.....	1,971,709	2,458,085
Pounds.....	164,153,087	98,903,321	79,785,347	Cost.....	\$313,456	\$581,107
Cost.....	\$51,648,679	\$26,760,315	\$19,757,672	Cotton--		
Equivalent in soured condition, pounds:	290,706,970	241,280,065	192,705,519	Pounds.....	39,169,388	32,598,072
Mohair, camel, alpaca, and vicuña hair:				Cost.....	\$10,492,185	\$8,032,773
Pounds.....	7,805,422	6,507,631	5,003,966	Silk and spun silk--		
Cost.....	\$2,389,123	\$1,957,981	\$1,857,707	Pounds.....	282,536	412,307
Cow and other animal hair:				Cost.....	\$1,142,663	\$1,679,883
Pounds.....	17,356,100	22,987,332	20,535,079	All other--		
Cost.....	\$932,911	\$1,369,776	\$1,176,756	Pounds.....	1,046,735	411,779
Cotton:				Cost.....	\$40,739	\$65,434
Pounds.....	20,024,061	32,613,308	40,244,710	Chemicals and dyestuffs.....	\$3,830,928	\$7,456,550
Cost.....	\$2,515,409	\$4,072,907	\$3,280,000	All other materials.....	\$25,464,278	\$18,086,162
Tailor's clippings, rags, etc.:				PRODUCTS.		
Pounds.....	40,402,460	79,367,290	(1)	Total value.....	\$419,743,521	\$307,941,710
Cost.....	\$2,856,966	\$5,668,634	(1)	All-wool woven goods:		
Shoddy, mango, and wool extract purchased:				Square yards.....	322,944,365	290,567,488
Pounds.....	21,454,187	31,919,456	33,036,767	Value.....	\$219,953,767	\$158,300,336
Cost.....	\$3,058,214	\$4,472,666	\$4,670,836	Wool cloths, doeskins, cassimeres, chevots, etc.--		
Waste and noils of wool, mohair, camel's hair, etc., purchased:				Square yards.....	40,843,979	42,487,566
Pounds.....	25,473,311	26,032,838	15,714,171	Value.....	\$29,291,059	\$29,556,252
Cost.....	\$7,523,283	\$6,056,227	\$3,891,369	Worsted coatings, serges, and suitings--		
Tops purchased:				Square yards.....	119,655,069	59,592,811
Pounds.....	20,828,245	9,160,929	5,568,108	Value.....	\$101,903,133	\$56,731,196
Cost.....	\$14,614,527	\$5,073,678	\$2,865,546	Value.....		\$45,003,559

1 Not reported separately.

2 In addition, in 1909, woolen and worsted goods, to the value of \$1,281,292, and in 1904, to the value of \$362,966, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

Table 55—Continued.

	1909	1904	1899		1909	1904	1899
PRODUCTS—continued.				PRODUCTS—continued.			
All-wool woven goods—Continued.				Cotton-warp woven goods—Contd.			
Woolen overcoatings, cloakings, kerseys, etc.—				Worsted filling dress goods, cashmeres, serges, mohairs, etc.—			
Square yards.....	14,697,770	22,411,330	18,729,194	Square yards.....	65,112,981	40,390,369	45,784,011
Value.....	\$11,230,856	\$16,934,112	\$16,131,709	Value.....	\$14,788,965	\$12,711,554	\$10,423,206
Worsted overcoatings and cloakings—				Wool filling dress goods, and repellents—			
Square yards.....	654,404	1,057,068	877,133	Square yards.....	12,916,060	12,139,080	7,406,898
Value.....	\$321,683	\$546,170	\$507,390	Value.....	\$2,741,816	\$3,230,561	\$1,990,458
Wool dress goods, sackings, tricots, etc., and opera and similar flannels—				Domest flannels and shirtings—			
Square yards.....	29,009,596	48,874,396	33,594,212	Square yards.....	4,571,765	4,235,838	4,555,013
Value.....	\$16,385,498	\$19,826,017	\$12,976,459	Value.....	\$911,967	\$769,476	\$976,465
Worsted dress goods, cashmeres, serges, bunting, etc.—				Linings, Italian cloths, and linings—			
Square yards.....	105,801,349	66,428,825	57,712,086	Square yards.....	28,928,148	17,619,325	10,157,039
Value.....	\$54,030,376	\$27,802,181	\$16,316,392	Value.....	\$9,008,799	\$4,526,927	\$2,228,434
Carriage cloths—				Blankets—			
Square yards.....	1,782,855	1,741,765	1,220,408	Square yards.....	9,746,841	9,267,144	11,107,104
Value.....	\$947,662	\$964,557	\$636,969	Value.....	\$2,684,919	\$2,218,243	\$2,241,342
Flannels for underwear—				Horse blankets—			
Square yards.....	3,856,353	8,710,131	9,324,720	Square yards.....	4,210,098	6,307,836	5,702,315
Value.....	\$1,257,371	\$2,045,858	\$2,344,559	Value.....	\$1,676,942	\$1,083,154	\$1,232,824
Blankets—				Carriage robes—			
Square yards.....	5,137,903	7,316,179	5,454,173	Square yards.....	2,889,444	1,399,166	1,250,233
Value.....	\$3,228,797	\$2,751,029	\$2,316,968	Value.....	\$1,366,593	\$1,139,217	\$815,233
Horse blankets—				All other—			
Square yards.....	247,395	740,237	514,952	Square yards.....	327,064	.....	32,576
Value.....	\$185,430	\$418,219	\$256,211	Value.....	\$245,389	.....	\$14,150
Woven shawls—				Upholstering goods and sundries—			
Square yards.....	704,153	895,777	600,104	Woolen and worsted—			
Value.....	\$404,583	\$337,370	\$500,520	Square yards.....	1,176,542	1,060,739	447,568
All other—				Value.....	\$1,528,648	\$908,937	\$742,121
Square yards.....	463,179	510,063	615	All other.....	\$457,862	\$716,296	\$2,517,696
Value.....	\$167,194	\$257,375	\$510	Partially manufactured products for sale.....	\$115,032,485	\$96,466,672	\$47,589,422
Union, or cotton mixed, woven goods—				Yarns—			
Square yards.....	37,453,351	63,197,407	57,334,570	Woolen—			
Value.....	\$14,327,973	\$26,288,407	\$23,111,696	Pounds.....	28,520,493	42,878,320	32,699,851
Unions, tweeds, chevots, cashmeres, etc.—				Value.....	\$7,505,412	\$9,993,894	\$6,804,626
Square yards.....	18,917,478	35,103,110	30,767,915	Worsted—			
Value.....	\$15,780,854	\$15,050,726	\$13,695,830	Pounds.....	88,323,953	55,475,235	143,003,343
Overcoatings and cloakings—				Value.....	\$80,349,643	\$40,142,077	\$30,081,425
Square yards.....	4,281,739	5,373,053	6,087,366	Woolen, union or merino—			
Value.....	\$2,363,381	\$3,353,758	\$3,518,813	Pounds.....	10,249,625	8,824,064	.....
Sackings, tricots, dress goods, and opera and similar flannels—				Value.....	\$2,143,416	\$2,538,018	.....
Square yards.....	4,319,539	11,690,740	11,176,752	Worsted, union or merino—			
Value.....	\$1,776,721	\$4,926,596	\$3,669,584	Pounds.....	3,761,737	3,314,549	.....
Flannels for underwear—				Value.....	\$3,522,812	\$2,460,558	.....
Square yards.....	7,063,572	7,273,761	6,217,094	All other—			
Value.....	\$1,308,369	\$1,528,828	\$1,284,578	Pounds.....	3,195,553	2,799,060	4,536,105
Blankets—				Value.....	\$974,570	\$1,162,795	\$1,451,390
Square yards.....	1,717,758	3,114,110	1,530,696	Worsted tops and slubbing—			
Value.....	\$650,714	\$1,198,706	\$561,049	Pounds.....	11,321,279	.....	( )
All other—				Value.....	\$8,027,231	\$2,855,171	()
Square yards.....	1,153,265	642,633	1,554,747	Nails—			
Value.....	\$447,934	\$229,693	\$381,442	Pounds.....	27,479,293	15,379,600	12,776,843
Cotton-warp woven goods:				Value.....	\$8,938,859	\$4,868,976	\$3,854,187
Square yards.....	210,346,081	182,057,061	152,878,584	Waste—			
Value.....	\$62,265,854	\$50,058,293	\$42,437,799	Pounds.....	24,057,680	17,946,076	8,163,294
Wool filling cashmeres, doekskins, jeans, tweeds, coatings, etc.—				Value.....	\$3,524,912	\$2,448,153	\$1,229,669
Square yards.....	45,244,866	34,602,165	37,160,449	All other products.....	\$3,250,857	\$3,924,232	\$3,019,906
Value.....	\$12,107,320	\$10,877,081	\$11,024,538	Work on materials for others.....	\$3,026,255	\$1,188,537	\$1,568,783
Worsted filling cashmeres, doekskins, jeans, tweeds, coatings, etc.—				MACHINERY.			
Square yards.....	29,220,252	16,688,620	12,663,719	Sets of cards.....	6,315	6,990	5,695
Value.....	\$15,009,081	\$6,969,402	\$7,267,508	Woolen.....	4,500	5,178	.....
Wool filling overcoatings and cloakings—				Worsted.....	1,381	1,387	.....
Square yards.....	2,075,502	8,198,406	3,917,498	Cotton.....	234	425	.....
Value.....	\$771,879	\$2,478,878	\$1,430,430	Spindles.....	4,287,640	3,747,934	3,277,607
Satinets and linseys—				Producing.....	3,553,194	3,228,423	2,873,528
Square yards.....	5,102,460	22,339,112	13,051,729	Doubling and twisting.....	734,446	519,511	404,079
Value.....	\$912,182	\$4,074,800	\$2,873,181	Looms, all classes.....	72,532	63,867	61,395
				Wool-combing machines.....	1,978	1,440	1,317

¹ Worsted tops and slubbing included with worsted yarn.

² Cards not fully reported.

IRON AND STEEL.

Tables 56 to 61, inclusive, present statistics for blast furnaces, steel works and rolling mills, tin and terne plate plants, and wire mills. In many establishments other industries are carried on in connection with the operations of steel works and rolling mills. In these cases a separation of the data for the industries as defined by the Census Bureau was secured by taking separate reports for the different departments of the respective establishments. In this way the statistics for blast furnaces operated in connection with steel

works were segregated and combined with those for furnaces independently operated, and the statistics for the tin and terne plate dipping departments of establishments which also roll the black plate were separated and combined with those for establishments which dip only purchased plate. Statistics for the finished wire products of mills which roll wire rods as well as draw wire and manufacture wire nails, fencing, etc., were secured and are given in combination with those for wire mills which manufacture only from purchased wire rods. The finished wire products manu-

factured in rolling mills are, however, included in the products of these mills, so that the statistics for wire mills and rolling mills to this extent duplicate each other. It should also be explained that the rolling-mill departments of tin and terne plate establishments are credited with their entire output of black plate, as if it were produced for sale instead of for further treatment at the same establishment.

Blast furnaces.—The statistics for the blast-furnace industry are given in the following table.

In 1909, 25,651,798 tons of pig iron, valued at \$387,830,443, were produced and in 1899, 14,447,791 tons, valued at \$206,512,755, the increase in quantity during the decade being 77.5 per cent and that in value 87.8 per cent. Since 1904 was a year of par-

tial depression in the iron and steel industry and the pig-iron product was less in that year than in 1903 or 1902, neither the small increases shown in quantity and value for 1904 as compared with 1899 nor the large increases shown for 1909 as compared with 1904 are representative of the normal rate of growth for the industry. Features in the development of the industry are the increase in the proportion of pig iron produced for consumption in other departments of the works of the producing company and the increase in the proportion of the product passed on in a molten condition to undergo further processes without being cast into pigs. The *ton of 2,240 pounds* is used in showing quantities except when otherwise stated.

Table 56

	1909	1904 ¹	1899 ¹	1909	1904 ¹	1899 ¹
MATERIALS.				PRODUCTS—continued.		
Total cost	\$320,637,889	\$178,941,918	\$131,503,655	<i>Pig iron, classified according to disposition—Continued.</i>		
Iron ore:				Produced for sale—		
Tons.....	48,353,677	30,032,862	25,366,894	Tons.....		
Cost.....	\$187,264,601	\$100,945,369	\$65,902,922	9,793,595	6,697,080	(*)
Domestic—				Value.....		
Tons.....	46,605,930	29,202,944	24,612,511	\$148,443,426	\$90,043,530	(*)
Cost.....	\$177,589,789	\$96,206,246	\$61,738,473	<i>Pig iron, classified by grades (tons):</i>		
Foreign—				Bessemer, 0.04 to 0.10 per cent		
Tons.....	1,747,747	829,918	754,383	in phosphorus.....		
Cost.....	\$9,674,812	\$4,739,123	\$4,107,449	10,147,052	8,894,584	8,475,530
Mill tender, scrap, etc.:				Low phosphorus (below 0.04 per		
Tons.....	1,992,530	1,865,385	1,600,313	cent in phosphorus).....		
Cost.....	\$5,544,859	\$3,830,961	\$3,772,385	248,720	192,795	(*)
Fluxes:				Basic.....		
Tons.....	13,570,845	8,325,209	7,324,743	7,741,759	2,553,940	337,439
Cost.....	\$12,231,493	\$6,888,647	\$5,064,725	5,539,410	3,675,310	3,510,300
Fuel:				Foundry.....		
Coke—				Forge or mill.....		
Tons (2,600 pounds).....	31,436,536	19,739,671	16,461,533	586,685	601,677	1,057,616
Cost.....	\$102,134,423	\$57,126,997	\$38,976,770	934,211	316,964	(*)
Charcoal—				Malleable Bessemer.....		
Bushels.....	38,632,618	* 37,273,569	30,677,585	White, mottled, and miscellane-		
Cost.....	\$2,787,026	* \$2,521,887	\$1,838,881	ous.....		
Anthracite coal²—				Direct castings.....		
Tons.....	265,401	560,637	886,564	16,181	9,469	208,323
Cost.....	\$904,102	\$1,512,779	\$2,297,419	326,970	280,259	7,123
Bituminous coal²—				Ferrosilicons.....		
Tons.....	802,833	801,640	832,235	110,810	98,627	169,630
Cost.....	\$168,561	\$1,340,997	\$1,101,312	Ferromanganese.....		
All other materials:	\$9,594,824	\$4,474,281	\$12,574,241	Ferro-silicon, including Besse-		
PRODUCTS.				mer ferro-silicon (7 per cent		
Total value	\$391,429,283	\$231,622,707	\$206,766,657	or over in silicon) and fer-		
Pig iron:				rophosphorus.....		
Tons.....	25,651,798	16,623,625	14,447,791	102,539	53,557	35,910
Value.....	\$387,830,443	\$228,911,116	\$206,512,755	<i>Pig iron, classified by method of delivery</i>		
All other products	\$3,598,840	\$2,911,591	\$243,802	<i>or casting (tons):</i>		
<i>Pig iron, classified according to fuel used:</i>				Delivered in molten condition... 12,197,656		
Bituminous, chiefly coke—				Sand cast..... 7,655,568		
Tons.....	424,608,572	14,909,029	12,253,818	Machine cast..... 5,096,797		
Value.....	\$369,684,636	\$203,814,049	\$173,763,091	Chill cast..... 685,846		
Anthracite coal and coke mixed				Direct castings..... 16,181		
and anthracite alone—				EQUIPMENT.		
Tons.....	670,991	1,305,094	1,841,857	Furnaces in active establishments:		
Value.....	\$10,992,150	\$18,103,982	\$26,678,705	Completed stacks at end of year—		
Charcoal—				Number..... 388		
Tons.....	372,235	409,502	* 352,116	Daily capacity, tons..... 343		
Value.....	\$7,183,657	\$6,993,085	\$6,070,959	Active during the year—		
<i>Pig iron, classified according to disposition:</i>				Number..... 370		
Produced for consumption in				Daily capacity, tons..... 98,973		
works of company reporting—				In course of construction at end		
Tons.....	15,858,203	9,926,545	(*)	of year—		
Value.....	\$239,387,017	\$138,867,586	(*)	Number..... 10		
				Daily capacity, tons..... 4		
				Pig-casting machines, number..... 104		
				Granulated slag pits:		
				Number..... 85		
				Annual capacity, tons..... 5,699,259		
				Gas engines operated with blast-fur-		
				nace gas:		
				Number..... 85		
				Horsepower..... 198,040		

¹ Not including the statistics for a blast furnace operated by a penal institution.

² The figures for 1909 cover fuel for smelting only; those for 1904 and 1899 include fuel for steam raising.

³ Not including 2,486,700 bushels of charcoal and its value, the cost of stumpage and labor being reported as expense.

⁴ Coal and coke mixed, 36,420 tons; balance coke.

⁵ Includes 22,862 tons of mixed charcoal and coke pig iron.

⁶ Not reported.

Steel works and rolling mills.—Table 57 presents comparative statistics of steel works and rolling mills, including those of forges and bloomeries. Section I of the table deals with materials. The second section deals with products. It shows separately each of the products properly designated as rolled and forged steel

and iron, but contains also a miscellaneous item, which includes the value added to such products in their production into more highly manufactured articles by the same establishment, so that the total includes the entire value of output of the establishments in the industry. This total and also the separate total for

rolled and forged products alone include no duplication of quantity or value of products within any given establishment itself, but there is considerable duplication due to the use of the product of one establishment as raw material for another establishment, whether the latter be owned by a separate concern or by the same company.

Section III of the table, headed "Steel," gives the entire quantity of crude steel produced by the steel works, including that subjected to further processes of manufacture whether by the establishment in which produced or by other establishments. The value of this steel appears, therefore, distributed among various items under Section II. Section IV of the table gives in detail the quantity and value of the more highly elaborated products made by the rolling mills themselves from the rolling-mill products specified in Section II. The entire value of these products appears in Section II, either as part of the various items of rolled products or in the miscellaneous item of value added to rolling-mill products by further manufacture. The fifth section of the table deals with products sold for export by rolling-mill concerns; it includes only the products so sold directly by the establishments producing them and not such as may be sent abroad by others who purchase from the manufacturer. The sixth section deals with equipment.

In 1909 the rolled, forged, and cast-steel products specifically classified aggregated 26,723,274 tons, valued at \$863,342,711, and in 1899, 15,055,626 tons, valued at \$510,906,040, the increase in tonnage being 77.5 per cent and in value 69 per cent. The *ton of 2,240 pounds* is used in showing quantities except when otherwise stated.

	1909	1904	1899
I. MATERIALS.			
Total cost.....	\$657,600,856	\$441,204,432	\$390,895,277
Iron and steel:			
<i>For furnaces and hot rolls—</i>			
Tons.....	30,388,755	22,225,682	18,414,717
Cost.....	\$515,769,588	\$349,971,512	\$315,726,895
<i>Pig iron and ferroalloys—</i>			
Tons.....	19,076,889	12,191,228	10,411,281
Cost.....	\$297,471,122	\$172,101,436	\$151,064,348
<i>Pig iron—</i>			
Tons.....	18,712,304	(?)	(?)
Cost.....	\$282,663,740	(?)	(?)
<i>Ferroalloys—spice, iron, manganese, etc.—</i>			
Tons.....	364,585	(?)	(?)
Cost.....	\$14,807,382	(?)	(?)
<i>Scrap, including old rails not intended for rolling—</i>			
Tons.....	4,803,617	5,124,277	4,126,980
Cost.....	\$72,722,831	\$67,601,248	\$66,852,621
<i>Ingot, blooms, billets, slabs, muck and scrap bar, rolling rails, and sheet and tin-plate bars—</i>			
Tons.....	6,508,249	4,920,177	3,876,456
Cost.....	\$145,575,635	\$110,268,828	\$97,809,826
<i>Rolled forms for further manufacture—</i>			
<i>Skelp—</i>			
Tons.....	176,717	259,643	(?)
Cost.....	\$5,704,856	\$7,331,935	(?)
<i>Wire rods—</i>			
Tons.....	146,425	161,914	136,725
Cost.....	\$4,252,695	\$4,774,383	\$5,419,617
Iron ore:			
Tons.....	835,333	549,995	346,810
Cost.....	\$4,292,968	\$2,396,792	\$1,348,809
All other materials.....	\$127,480,754	\$76,729,810	\$68,399,956

Table 57—Continued.

	1909	1904	1899
II. PRODUCTS.			
Total value.....	\$985,722,534	\$673,965,026	\$587,211,716
<i>Rolled, forged, and other classified products, steel and iron:</i>			
Tons.....	26,723,274	15,218,233	15,055,626
Value.....	\$863,342,711	\$585,288,243	\$510,906,040
<i>Rails—</i>			
Tons.....	2,858,599	4,219,405	4,251,337
Value.....	\$81,128,295	\$85,256,750	\$46,533,139
<i>Bessemer steel—</i>			
Tons.....	1,643,527	2,065,024	2,250,457
Value.....	\$44,727,515	\$54,627,488	\$46,501,979
<i>Open-hearth steel, basic—</i>			
Tons.....	1,215,072	128,681	(?)
Value.....	\$36,400,760	\$3,008,562	(?)
<i>Reroiled or renewed rails—</i>			
Tons.....	106,352	99,530	(?)
Value.....	\$2,683,017	\$2,450,328	(?)
<i>Rail fastenings (splice bars, tie-plates, fishplates, etc.)—</i>			
Tons.....	396,911	174,055	(?)
Value.....	\$14,488,412	\$5,663,052	(?)
<i>Structural shapes, not including plates used for making girders—</i>			
Tons.....	2,123,630	954,537	856,983
Value.....	\$65,564,393	\$32,730,901	\$29,361,522
<i>Steel—</i>			
Tons.....	2,102,300	950,062	829,892
Value.....	\$64,833,466	\$32,585,701	\$28,309,966
<i>Open-hearth—</i>			
Tons.....	1,934,230	618,391	566,092
Value.....	\$59,789,848	\$21,496,531	\$19,928,249
<i>Bessemer—</i>			
Tons.....	168,070	331,671	263,800
Value.....	\$5,063,518	\$11,089,170	\$8,381,717
<i>Iron—</i>			
Tons.....	21,330	4,475	27,091
Value.....	\$711,127	\$145,200	\$1,051,556
<i>Bars and rods, including merchant, shovel, finger, and horse-shoe bars, spike, chain bolt, and nut rods, etc. (but not including wire rods, sheet and tin-plate bars, splice bars, and bars for reinforced concrete.)—</i>			
Tons.....	3,784,248	2,442,810	2,493,159
Value.....	\$121,488,423	\$84,069,122	\$100,597,221
<i>Bars for reinforced concrete:</i>			
Tons.....	191,358	(?)	(?)
Value.....	\$5,588,963	(?)	(?)
<i>Wire rods:</i>			
Tons.....	2,295,279	1,792,704	916,587
Value.....	\$61,947,958	\$32,965,061	\$35,529,529
<i>Plates and sheets, not including black plates or sheets for tinning, nail and tack plates, tie-plates, fishplates or armor plates:</i>			
Tons.....	3,332,733	1,856,469	1,468,066
Value.....	\$133,272,393	\$77,802,001	\$68,109,223
<i>Black plates, or sheets, for tinning:</i>			
Tons.....	631,435	504,025	394,014
Value.....	\$30,955,967	\$25,297,079	\$20,967,806
<i>Skelp, flue and pipe:</i>			
Tons.....	2,084,286	1,557,690	(?)
Value.....	\$64,514,728	\$46,780,202	\$49,195,189
<i>Hoops, bands, and cotton ties:</i>			
Tons.....	341,043	337,223	449,159,747
Value.....	\$10,429,681	\$12,760,010	(?)
<i>Nail and tack plates:</i>			
Tons.....	68,557	86,601	97,664
Value.....	\$2,540,022	\$2,462,076	\$3,116,558
<i>Axles, car, locomotive, automobile, wagon, carriage, etc., rolled or forged:</i>			
Tons.....	102,348	83,585	102,606
Value.....	\$3,831,344	\$2,873,829	\$4,482,837
<i>Armor plates, gun forgings, and ordnance:</i>			
Tons.....	26,845	24,433	15,302
Value.....	\$10,649,079	\$10,549,620	\$7,526,479
<i>Blooms, billets, and slabs, produced for sale or for transfer to other works of same company:</i>			
Tons.....	4,887,796	(?)	(?)
Value.....	\$108,514,747	(?)	(?)
<i>Rolled forging blooms and billets produced for sale or for transfer to other works of same company:</i>			
Tons.....	84,383	4,823,585	4,172,286
Value.....	\$2,247,133	\$109,611,104	\$96,321,887
<i>Sheet and tin-plate bars produced for sale or for transfer to other works of same company:</i>			
Tons.....	1,652,761	(?)	(?)
Value.....	\$37,745,269	(?)	(?)
<i>Muck and scrap bar produced for sale or for transfer to other works of same company:</i>			
Tons.....	174,496	150,926	203,681
Value.....	\$4,886,211	\$3,940,598	\$5,940,587
<i>All other rolled steel or iron:</i>			
Tons.....	566,627	377,665	506,880
Value.....	\$39,570,061	\$16,743,727	\$19,202,606

For footnotes, see page 400.

Table 57—Continued.	1909	1904	1899	1909	1904	1899
II. PRODUCTS—continued.						
Rolled, forged, and other classified products, steel and iron—Continued.						
Ingots produced for sale or for transfer to other works of same company:						
Tons.....	142,745	196,404	103,707			
Value.....	\$3,593,726	\$3,955,310	\$2,781,145			
Direct steel castings:						
Tons.....	504,856	287,323	177,156			
Value.....	\$38,362,448	\$20,600,136	\$14,669,893			
All other forged steel and iron, not including remanufacture of rolling-mill products:						
Tons.....	365,986	274,061	81,009			
Value.....	\$18,740,241	\$15,684,967	\$6,665,741			
All other products.....	\$122,379,823	\$88,676,783	\$36,305,676			
Miscellaneous steel and iron products not rolled, including value added to iron and steel rolling-mill products by further manufacture:						
Value.....	\$86,534,369	\$61,977,284	(*)			
Scrap steel or iron produced for sale or for transfer to other works of same company:						
Tons.....	1,238,554	877,177	(*)			
Value.....	\$18,163,624	\$11,079,831	(*)			
All products other than steel and iron.....	\$17,681,830	\$15,619,668	(*)			
III. STEEL						
Total production:						
Tons.....	4 23,473,718	9 13,666,405	10,653,000			
Value (included above).....	\$478,736,938	\$260,884,712	\$212,538,875			
Classified according to process:						
Open-hearth—						
Tons.....	14,192,278	5,817,957	3,044,356			
Value.....	\$293,528,201	\$120,322,707	\$71,855,172			
Basic—						
Tons.....	13,210,419	5,062,152	2,153,835			
Value.....	\$262,529,822	\$94,300,927	\$43,509,506			
Acid—						
Tons.....	981,850	735,805	890,521			
Value.....	\$30,998,379	\$25,931,750	\$28,345,666			
Bessemer—						
Tons.....	9,174,067	7,768,141	7,532,028			
Value.....	\$177,064,776	\$134,549,580	\$132,113,984			
Crucible and miscellaneous.....						
Tons.....	107,373	80,310	108,616			
Value.....	\$8,144,011	\$6,012,425	\$8,569,719			
Classified according to form:						
Ingots—						
Tons.....	22,968,862	13,379,083	10,507,844			
Value.....	\$439,874,540	\$240,284,576	\$187,928,982			
Castings—						
Tons.....	504,856	287,323	177,156			
Value.....	\$38,362,448	\$20,600,136	\$14,669,893			
Duplex process—open-hearth steel partly purified in Bessemer converters before finishing in open-hearth furnaces (included above), tons.....	522,682	(*)	(*)			
Alloyed steels, nickel, tungsten, titanium, chrome, vanadium, etc. (included above), tons.....	158,216	(*)	(*)			
Classified according to process:						
Open-hearth.....	190,335	(*)	(*)			
Basic.....	86,242	(*)	(*)			
Acid.....	14,063	(*)	(*)			
Bessemer.....	45,324	(*)	(*)			
Crucible and miscellaneous.....	12,557	(*)	(*)			
Classified according to form:						
Ingots.....	151,300	(*)	(*)			
Castings.....	6,916	(*)	(*)			
IV. MANUFACTURES FROM ROLLING-MILL PRODUCTS.						
(Made in mill producing, value previously included.)						
Wire and wire products:						
Tons (2,000 pounds).....	1,634,855	1,416,494	879,296			
Value.....	\$71,624,024	\$67,531,443	\$47,728,784			
Pipes and tubes:						
Wrought welded—						
Tons.....	1,314,771	849,047	(*)			
Value.....	\$68,471,573	\$43,935,728	(*)			
Seamless, hot-rolled or drawn—						
Tons.....	54,273					
Value.....	\$5,680,739					
All other, including channeled, riveted, etc., but not including cast:						
Tons.....	17,561	20,636	(*)			
Value.....	\$986,689	\$2,290,234	(*)			
Bolts, nuts, rivets, forged spikes, washers, etc.:						
Kegs (200 pounds).....	4,471,985	3,105,827	(*)			
Value.....	\$20,538,858	\$13,834,635	(*)			
Cut nails and spikes:						
Kegs (100 pounds).....	1,009,319	1,311,549	1,658,443			
Value.....	\$2,218,207	\$2,394,108	\$3,292,063			
			IV. MANUFACTURES FROM ROLLING-MILL PRODUCTS—continued.			
Horse and mule shoes:						
Kegs (200 pounds).....	966,383	768,253	(*)			
Value.....	\$7,292,397	\$5,483,137	(*)			
Springs, car, furniture, and all other, not including wire springs:						
Tons.....	6,191	22,022	(*)			
Value.....	\$374,924	\$1,708,632	(*)			
Switches, frogs, crossings, etc.:						
Tons.....	28,608	(*)	(*)			
Value.....	\$2,471,008	(*)	(*)			
Galvanized plates or sheets:						
Tons.....	431,658	(*)	(*)			
Value.....	\$25,912,056	(*)	(*)			
Stamped ware:						
Tons.....	24,612	(*)	(*)			
Value.....	\$2,296,707	\$2,392,923	(*)			
Shovels, spades, scoops, etc.....	\$840,321	\$410,500	(*)			
			V. PRODUCTS SOLD FOR EXPORT.			
			(By establishments producing.)			
Total tons.....	867,646	(*)	(*)			
Rails.....	317,455	(*)	(*)			
Rail fastenings.....	20,118	(*)	(*)			
Pipes and tubes, wrought welded.....	89,277	(*)	(*)			
Sheet and tin-plate bars.....	85,123	(*)	(*)			
Plates and sheets.....	80,706	(*)	(*)			
Galvanized plates or sheets.....	79,246	(*)	(*)			
Structural shapes.....	69,764	(*)	(*)			
Bars and rods.....	48,938	(*)	(*)			
Wire rods.....	18,738	(*)	(*)			
Blooms, billets, and slabs.....	15,021	(*)	(*)			
Skelp.....	16,703	(*)	(*)			
Miscellaneous.....	29,457	(*)	(*)			
			VI. EQUIPMENT.			
Steel plants: Daily capacity of steel furnaces and converters, tons of steel, double turn.....	108,716	76,482	53,745			
Open-hearth furnaces—						
Number.....	687	481	307			
Daily capacity, tons of steel, double turn.....	61,601	34,243	18,245			
Basic—						
Number.....	549	339	168			
Daily capacity, tons of steel, double turn.....	55,273	26,902	12,151			
Acid—						
Number.....	138	142	139			
Daily capacity, tons of steel, double turn.....	6,328	7,341	6,094			
Converters, Bessemer or modified Bessemer—						
Number.....	101	81	70			
Daily capacity, tons of steel, double turn.....	48,823	41,448	34,925			
Crucible furnaces—						
Number.....	257	146	159			
Number of pots that can be used at a heat.....	3,840	2,457	2,528			
Daily capacity, tons of steel, double turn.....	840	633	575			
All other steel furnaces—						
Number.....	16	36	(*)			
Daily capacity, tons of steel, double turn.....	292	98	56			
Metal mixers—						
Number.....	59	(*)	(*)			
Capacity, tons.....	14,343	(*)	(*)			
Rolling mills: Daily capacity of rolled steel and iron, double turn, tons.....	150,403	105,591	86,964			

* Includes materials purchased or transferred to the establishment reporting from other works of the company.

† Not reported separately.

‡ In addition, steel castings and rolled steel valued at \$6,627,039 in 1909 and \$347,294 in 1904 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

§ Includes 800 tons of iron rails, valued at \$20,700, in 1904, and 880 tons, valued at \$31,180, in 1899.

¶ Includes 149,688 tons of steel, valued at \$4,837,625, not distributable by kind into open-hearth or Bessemer.

‡ In addition, 49,481 tons of steel, valued at \$4,140,344, in 1909, and 4,184 tons, valued at \$347,294, in 1904, distributed as to tonnage as indicated below, were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation:

	1909	1904
Tons of steel.....	49,481	4,184
Classified according to process:		
Open-hearth.....	36,099	2,440
Bessemer.....	6,066	774
Crucible and miscellaneous.....	7,316	970
Classified according to form:		
Ingots.....	5,102	
Castings.....	44,373	4,184

† Not reported.

The following table gives, for 1909, statistics of materials consumed, classified as purchased or as produced by the establishment consuming, and statistics of products, classified as sold or as consumed by the establishment producing. This information was not secured at former censuses. Eighty per cent of the pig iron used was made in blast furnaces operated by the consumer. The difference between the 15,252,736 tons of pig-iron material reported as produced by the consumer and the 15,858,203 tons reported in the table for blast furnaces as made for consumption in works of the producer—a little over 600,000 tons—represents the consumption in foundries and other shops owned by the producing companies but not covered by the preceding table.

Table 58

MATERIAL.	QUANTITY (TONS).			
	Total.	Produced by the company reporting—		Purchased.
		In the works where consumed.	Transferred from other works of the company.	
<i>Produced and purchased.</i>				
Pig iron and ferroalloys.....	19,076,889	15,252,736	3,824,153	
Fig iron.....	18,712,304	15,108,244	3,604,060	
Ferroalloys—manganese, ferromanganese, etc.....	364,585	144,492	220,093	
Scrap.....	9,929,710	5,126,093	4,803,617	
Ingot, blooms, billets, slabs, muck and scrap bar, rolling rails, and sheet and tin-plate bars, not produced in the works.....	6,508,249	3,080,672	3,427,577	
Skeip.....	1,578,290	1,401,573	176,717	
Wire rods.....	1,465,221	1,318,796	146,425	
<i>Consumed and sold.</i>				
Steel ingots.....	22,968,862	22,826,117	112,301	30,444
Open-hearth.....	13,725,783	13,626,241	72,543	27,109
Basic.....	12,932,840	12,854,514	69,315	18,511
Acid.....	772,943	761,727	2,618	8,598
Bessemer.....	9,145,642	9,103,816	39,726	2,000
Crucible and miscellaneous.....	97,537	96,060	142	1,335
Blooms, billets, and slabs.....	16,293,418	11,375,622	3,045,977	1,841
Rolled forging blooms and billets.....	169,997	76,614	.....	84,383
Muck and scrap bar.....	1,366,324	1,191,828	29,065	154,431
Sheet and tin-plate bars.....	2,094,398	441,637	27,333	1,625,408
Bars and rods.....	3,784,248	632,679	.....	3,151,569
Wire rods.....	2,295,279	1,318,796	465,161	511,322
Plates and sheets.....	3,322,733	463,665	61,954	2,807,114
Black plates and sheets.....	631,435	.....	578,169	86,275
Skeip.....	2,084,290	1,401,573	102,027	580,686
Nail and tack plates.....	88,457	42,690	.....	25,867
Miscellaneous rolled iron or steel.....	462,071	66,581	2,113	393,377
Miscellaneous forged iron or steel.....	365,986	64,648	.....	301,438
Scrap.....	6,364,647	5,126,093	398,436	840,118

Tin and terne plate.—The statistics for the tin and terne plate industry are given in the following table. Nearly 98 per cent of the black plates dipped were rolled by the establishment reporting. The value of all products was \$47,969,645 in 1909 as compared with \$31,892,011 in 1899, an increase of 50.4 per cent. The development of the tin and terne plate

industry has taken place almost entirely within the last 20 years, the production in 1891 being only about 2,236,000 pounds, or less than one five-hundredth of the 1909 output.

Table 59

	1909	1904	1899
MATERIALS.			
Total cost.....	\$41,889,434	\$31,375,714	\$26,728,150
Black plates or sheets:			
Pounds.....	11,321,071,091	1,019,608,657	3,827,915,599
Cost.....	\$28,961,151	\$22,992,006	\$20,668,848
Produced by the establishment reporting:			
Pounds.....	1,291,048,109	943,798,583	(¹)
Cost.....	\$28,245,234	\$21,154,388	(¹)
Purchased:			
Pounds.....	30,023,582	575,810,074	(¹)
Cost.....	\$785,917	\$1,837,618	(¹)
Coating metals:			
Pounds.....	40,927,750	32,445,104	27,154,258
Cost.....	\$9,670,037	\$7,075,722	\$4,927,090
Tin, including tin contents of terne mixture purchased—			
Pounds.....	31,077,651	24,243,851	20,282,778
Cost.....	\$9,235,718	\$6,709,164	\$4,558,473
Lead, including lead contents of terne mixture purchased—			
Pounds.....	9,850,108	8,201,253	6,871,480
Cost.....	\$434,319	\$366,558	\$398,617
<i>In condition purchased—</i>			
Pig tin:			
Pounds.....	28,586,267	(²)	(²)
Cost.....	\$8,490,794	(²)	(²)
Pig lead—			
Pounds.....	2,708,496	(²)	(²)
Cost.....	\$117,656	(²)	(²)
Terne mixture—			
Pounds.....	9,632,996	(²)	(²)
Cost.....	\$1,061,587	(²)	(²)
All other materials.....	\$3,238,246	\$1,307,956	\$1,132,212
PRODUCTS.			
Total value.....	\$47,969,645	\$35,283,360	\$31,892,011
Tin and terne plates:			
Pounds.....	1,315,313,132	1,026,384,851	849,004,022
Value.....	\$45,815,146	\$34,549,543	\$31,284,145
Tin plates—			
Pounds.....	1,123,968,575	867,526,985	707,718,230
Value.....	\$38,259,885	\$28,129,971	\$25,555,021
Terne plates—			
Pounds.....	101,344,257	158,857,866	141,285,783
Value.....	\$7,555,261	\$6,419,572	\$5,731,124
Other sheet iron or sheet steel tinned or terne-plated, taggers tin, etc.:			
Pounds.....	19,400,934	6,555,855	1,000,473
Value.....	\$520,465	\$217,476	\$86,492
All other products.....	\$1,634,034	\$516,341	\$521,374
EQUIPMENT.			
<i>Tin or terne sets at end of year:</i>			
Completed—			
Number.....	563	598	585
Usually employed on tin plates.....	450	478	(³)
Usually employed on terne plates.....	113	120	(³)
Daily capacity, single turn, pounds.....	2,795,972	3,261,298	2,732,901
Terne plates.....	2,055,915	2,694,115	2,003,538
Daily capacity as operated, whether on single, double, or triple turn, pounds.....	740,057	567,183	729,363
Building number.....	7,016,293	7,121,350	(⁴) 53
Black-plate department of establishments making their black plates: Hot black-plate mills at end of year—			
Completed—			
Number.....	335	315	332
Annual capacity on triple turn, long tons.....	1,042,088	707,405	641,450
Building—			
Number.....	20	(⁵)	23
Annual capacity on triple turn, long tons.....	36,600	(⁵)	51,275
Cold mills, completed, number.....	288	272	308

¹ Domestic; no foreign plates reported; includes 8,726,538 pounds of iron plates; balance steel, not distributable by kind of steel.

² Includes 8,900 pounds of foreign plates, costing \$3,769; the domestic plates reported were distributed by kind as follows: Bessemer steel, 911,663,989 pounds; open-hearth steel, 1,047,401 pounds; iron, 949,967 pounds.

³ Includes 2,238,007 pounds of foreign plates, costing \$78,282.

⁴ Not reported.

⁵ Consumption of establishments not equipped for the manufacture of black plates.

⁶ Terne mixture purchased not reported separately; contents reported as tin and lead.

⁷ In addition 8,389,200 pounds of tin and terne plate and taggers tin, valued at \$398,145, were established establishments primarily in the manufacture of products other than those covered by the industry designation.

⁸ Includes idle establishments.

Wire.—The following table presents the statistics for wire manufactures in 1909. Comparable statistics in detail for 1904 and 1899 are not available for the total wire production, as special reports were not secured prior to the present census from wire mills drawing wire from purchased rods. The total value of the steel and iron wire product more than doubled from 1899 to 1909. The total value of all wire and manufactures of wire reported in 1909 was \$173,349,614, of

which 69.6 per cent represents the value of products made from steel and iron, 27.2 per cent that of products made from copper, and 3.2 per cent that of products made from other metal, chiefly brass. Establishments rolling wire from rods manufactured by them reported 54.3 per cent of the wire products in value, and mills drawing wire from purchased rods produced 45.7 per cent. The *ton of 2,000 pounds* is used in showing quantities.

Table 60

	Total.	Wire mills (wire rods purchased).	Wire departments of rolling mills ¹ (wire rods rolled).		Total.	Wire mills (wire rods purchased).	Wire departments of rolling mills ¹ (wire rods rolled).
PRINCIPAL MATERIALS.				PRODUCTS—continued.			
Metal used, cost.....	\$115,655,427	\$51,240,373	\$64,415,051	Wire and manufactures of wire—Contd.			
Wire rods.....	\$112,799,516	\$50,810,983	\$61,988,533	Steel and iron—Continued.			
Steel—				Barb wire—			
Tons.....	2,514,504	850,729	1,663,775	Tons.....	323,565	76,268	247,297
Cost.....	\$67,439,887	\$33,021,867	\$44,418,020	Value.....	\$13,881,517	\$3,343,856	\$10,537,661
Open-hearth—				Woven wire, fencing, and poultry netting—			
Tons.....	1,359,256	285,961	1,073,295	Tons.....	422,127	115,889	306,238
Cost.....	\$38,532,177	\$8,536,361	\$29,995,816	Value.....	\$21,419,170	\$6,724,077	\$14,695,093
Basic—				Wire rope and strand—			
Tons.....	1,255,747	233,105	1,022,642	Tons.....	45,363	34,140	11,163
Cost.....	\$36,046,106	\$6,695,310	\$28,350,796	Value.....	\$6,683,771	\$5,450,064	\$1,233,707
Acid—				Other manufactures—springs, baler ties, cold-rolled flat wire, etc.—			
Tons.....	163,509	52,856	50,653	Tons.....	129,945	71,906	58,039
Cost.....	\$3,486,071	\$1,841,051	\$1,645,020	Value.....	\$10,856,154	\$6,130,901	\$4,725,253
Bessemer—				Copper—			
Tons.....	1,148,353	558,048	590,305	Tons.....	154,231	102,604	51,627
Cost.....	\$28,340,445	\$13,936,178	\$14,404,267	Value.....	\$47,184,164	\$30,831,646	\$16,352,518
Crucible and other steel—				Wire drawn for sale—			
Tons.....	6,895	6,720	175	Tons.....	139,482	102,418	37,064
Cost.....	\$567,265	\$549,328	\$17,975	Value.....	\$42,336,274	\$30,736,728	\$11,599,546
Iron—				Manufactures of wire—			
Tons.....	4,849	1,055	3,794	Tons.....	14,749	166	14,583
Cost.....	\$207,846	\$62,203	\$145,643	Value.....	\$4,847,890	\$94,118	\$4,753,772
Copper—				Other metal ² —			
Tons.....	151,951	102,294	49,557	Tons.....	17,407	1,048	16,359
Cost.....	\$40,916,084	\$27,462,312	\$13,453,772	Value.....	\$5,579,813	\$484,019	\$5,095,794
Other metal ² —				Wire drawn for sale—			
Tons.....	17,944	935	17,009	Tons.....	15,583	1,008	14,575
Cost.....	\$4,235,099	\$364,601	\$3,971,098	Value.....	\$4,969,376	\$459,583	\$4,533,793
Purchased wire, plain or coated:				Manufactures of wire—			
Tons.....	\$7,922	8,943	48,979	Tons.....	1,824	40	1,784
Cost.....	\$2,855,911	\$429,390	\$2,426,521	Value.....	\$586,437	\$24,436	\$562,001
PRODUCTS.				All other products.....	\$6,733,908	\$5,236,649	\$1,497,259
Total value.....	\$180,083,522	\$84,486,518	\$95,597,004	Wire drawn, whether for consumption or for sale, tons:			
Wire, and manufactures of wire.	\$173,349,614	\$79,249,869	\$94,099,745	Steel and iron.....	2,389,136	787,322	1,601,814
Steel and iron—				Copper.....	147,159	101,890	45,266
Tons.....	2,471,858	821,929	1,649,929	Other metal ²	17,411	1,051	16,360
Value.....	\$120,385,637	\$47,934,204	\$72,651,433	EQUIPMENT.			
Wire drawn for sale—				Wire-drawing blocks:			
Tons.....	826,451	343,905	482,546	Number ³	43,697	28,119	15,578
Value.....	\$38,845,081	\$18,823,035	\$20,022,046	Annual capacity, tons.....	3,213,574	1,065,250	2,148,324
Plain—				Wire-nail machines:			
Tons.....	472,046	188,846	283,200	Number.....	4,428	1,207	3,221
Value.....	\$22,632,239	\$11,349,868	\$11,282,362	Annual capacity (kegs of 100 pounds).....	18,756,995	4,693,513	14,063,482
Coated—				Woven-wire fence machines:			
Tons.....	354,405	155,059	199,346	Number.....	446	198	248
Value.....	\$16,212,851	\$7,473,167	\$8,739,684	Annual capacity, tons.....	481,373	134,803	346,570
Wire nails and spikes—							
Kegs (100 pounds).....	13,926,861	3,449,753	10,477,108				
Value.....	\$27,575,774	\$7,142,047	\$20,433,727				
Wire brads, tacks, and staples—							
Tons.....	28,125	7,334	20,791				
Value.....	\$1,324,170	\$320,224	\$1,003,946				

¹ Includes the wire departments of iron and steel, copper, and brass rolling mills.

² Brass, bronze, German silver, zinc, etc., chiefly brass.

³ Includes rod, redrawing, and fine wire blocks.

The comparative statistics for steel and iron wire products, 1909, 1904, and 1899, are as follows:

Table 61	PRODUCT.	1909	1904	1899
Total value.....		\$120,585,637	\$83,353,956	\$52,871,387
Wire mills.....		\$47,934,204	\$15,802,513	\$5,142,603
Wire departments of rolling mills:				
Tons.....		1,649,929	1,416,494	879,296
Value.....		\$72,651,433	\$67,551,443	\$47,728,784

LEATHER AND ITS PRODUCTS.

The primary or underlying industry of this group is the converting of hides and skins into leather by the various processes of tanning, tawing, currying, and finishing. The designation employed for this industry is "leather, tanned, curried, and finished." The group also includes the manufacture of boots and shoes and the manufacture of leather gloves and mittens.

made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation. The schedule employed did not call for segregation of value of products. The following table shows the number of pairs of the different kinds of shoes and slippers reported at each of the last three censuses.

Table G3

NUMBER OF PAIRS.

KIND.	NUMBER OF PAIRS.		
	1909	1904	1899
Boots and shoes.....	247,643,197	216,039,401	185,589,173
Men's.....	93,888,802	83,414,322	67,742,830
Boys' and youths'.....	23,838,626	21,717,236	21,030,479
Women's.....	86,595,314	69,470,876	64,972,653
Misses' and children's.....	43,320,365	41,416,967	41,843,202
Slippers.....	17,507,834	17,518,291	17,092,841
Men's, boys', and youths'.....	4,802,841	4,493,097	4,446,965
Women's, misses', and children's.....	12,704,993	13,115,194	12,645,876
Infants' shoes and slippers.....	15,000,721	(¹)	(¹)
All other.....	4,865,429	8,552,343	5,233,405

¹ Not reported separately.

There were 247,643,197 pairs of boots and shoes manufactured in 1909, 216,039,401 pairs in 1904, and

195,589,173 pairs in 1899, the increase being 26.6 per cent for the decade and 14.6 per cent for the 1904-1909 period. In 1909 men's boots and shoes formed 37.9 per cent of the total number of boots and shoes; women's, 35 per cent; misses' and children's, 17.5 per cent; and boys' and youths', 9.6 per cent.

The total output of slippers reported for 1909 was 17,507,834 pairs, practically the same as at each of the two preceding censuses. The figures indicate a considerable decrease since 1904 in women's, misses', and children's slippers, but it is probable that infants' shoes and slippers, reported separately in 1909, were to some extent included with children's slippers in 1904.

The number of pairs of the different kinds of boots, shoes, and slippers manufactured by the various methods was reported for the first time in 1909, and is shown in the next table. Of the total number manufactured, 43.2 per cent were of the McKay type, 35.3 per cent machine or hand welt, 10.6 per cent turned, 8.8 per cent wire-screw or metal-fastened, and 2.1 per cent wooden-pegged.

Table G4

NUMBER OF PAIRS.

KIND.	NUMBER OF PAIRS.					
	Total.	Machine or hand welt.	Turned.	McKay.	Wooden-pegged.	Wire-screw or metal-fastened.
Boots and shoes.....	247,643,197	87,391,763	26,317,990	107,063,644	5,226,161	21,643,639
Men's.....	93,888,802	53,212,450	989,240	30,438,585	3,921,652	15,320,965
Boys' and youths'.....	23,838,626	4,425,934	50,377	15,016,611	567,939	3,773,745
Women's.....	86,595,314	25,871,839	14,281,764	44,518,966	533,579	1,389,106
Misses' and children's.....	43,320,365	3,883,480	10,996,609	27,089,482	202,991	1,147,803
Slippers.....	17,507,834	1,318,995	7,611,748	8,396,874	28,918	151,299
Men's, boys', and youths'.....	4,802,841	648,007	1,733,742	2,286,652	16,851	117,589
Women's, misses', and children's.....	12,704,993	670,988	5,878,006	6,110,222	12,067	33,710
Infants' shoes and slippers.....	15,000,721	1,979,593	11,447,508	1,320,672	41,731	11,517
All other.....	4,865,429	1,429,249	1,189,742	1,286,281	321,052	639,075

Gloves and mittens, leather.—The quantity and value of the different kinds of products reported for this branch of the leather industry for 1909, 1904, and 1899 are shown in the following table:

Table G5

PRODUCT.	1909	1904	1899
Total value.....	\$23,630,598	\$17,740,385	\$16,926,156
Gloves, mittens, and gannets:			
Dozen pairs.....	3,368,655	3,370,146	2,805,661
Value.....	\$22,825,861	\$17,122,772	\$16,039,168
Men's—			
Dozen pairs.....	2,585,977	2,915,415	2,267,327
Value.....	\$17,060,797	\$14,515,770	\$12,418,258
Lined—			
Dozen pairs.....	921,259	1,317,083	952,820
Value.....	\$5,222,174	\$6,333,081	\$4,959,902
Unlined—			
Dozen pairs.....	1,664,718	1,598,332	1,314,507
Value.....	\$11,838,623	\$8,182,089	\$7,438,356
Women's and children's:			
Dozen pairs.....	782,678	454,731	604,330
Value.....	\$5,465,064	\$2,607,002	\$3,470,258
Lined—			
Dozen pairs.....	365,477	241,361	267,149
Value.....	\$1,718,198	\$1,030,843	\$1,247,916
Unlined—			
Dozen pairs.....	417,201	213,370	337,181
Value.....	\$3,746,866	\$1,576,159	\$2,222,342
All other products.....	\$1,104,737	\$617,613	\$886,988

¹ In addition, in 1909, 36,944 dozen pairs of gloves, mittens, and gannets, to the value of \$364,961; in 1904, gloves, mittens, and gannets, to the value of \$166,164; and in 1899, gloves, mittens, and gannets, to the value of \$217,157, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

² Includes 24,004 dozen pairs of gannets, valued at \$150,652, not distributed by kinds.

The greater increase in value was due to the higher prices paid for hides and skins, and an increased production of the better grades of gloves.

The number of men's gloves manufactured largely outnumbered that of women's and children's at each census, but importations of kid gloves for women probably greatly reduce the demand for American makes. The number of men's gloves increased during the decade 14.1 per cent, and the number of women's and children's 29.5 per cent.

CHEMICALS AND ALLIED PRODUCTS.

The industries in this group comprise those which produce chemicals as products or which employ to a large extent chemical processes in manufacture. The grouping is necessarily somewhat arbitrary. Separate tables present the statistics for each of the following industries:

Chemicals.	Oil, essential.
Coke.	Paint and varnish.
Dyestuffs and extracts.	Petroleum, refining.
Explosives.	Salt.
Fertilizers.	Soap.
Gas, illuminating and heating.	Sulphuric, nitric, and mixed acids.
Glucose and starch.	Turpentine and rosin.
Oil, cottonseed, and cake.	

Chemicals.—Table 66 presents the statistics for the general chemical industry as classified by the Bureau of the Census, but reference should be made to the groups and items specified in the table for information as to the products included under this head. It does not include products listed independently in the preceding paragraph, nor does it include the products of wood distillation or chemicals made by establishments engaged in the manufacture of pharmaceutical preparations.

The value of all products of the "chemical" industry, including the same commodities made by establishments engaged primarily in the manufacture of other products, was \$126,794,345 in 1909 and \$78,285,646 in 1904. The products of establishments classified as chemical factories proper were valued at \$117,688,887 in 1909 and \$48,039,595 in 1899, an increase for the decade of \$69,649,292, or 145 per cent. Some of the groups show very large gains, notably products made with the aid of electricity, many of which can not be shown separately without disclosing individual operations. The value of these products increased from \$1,305,368 in 1899 to \$17,968,277 in 1909 and the value of the output of sodas, the leading group of products in this respect, increased from \$11,596,915 to \$21,417,982.

The value of the sulphuric, nitric, and mixed acid product, shown in Table 80, should be added to the value of the acids given in the following table in order to ascertain the total production of the principal acids. Including these acids, the value of the acid product (not including acids consumed by establishments making the same or those produced as by-products of other industries) was \$19,493,663 in 1909, \$14,538,137 in 1904, and \$9,371,615 in 1899, the increase for the decade being 108 per cent. The *ton* of 2,000 pounds is used in showing quantities.

Table 66	PRODUCT.	1909	1904	1899
	Total value	\$117,688,887	\$75,222,249	\$48,039,595
Acids ²	.....	\$11,926,389	\$7,583,059	\$3,161,743
Acetic	.....	\$1,963,783	27,001,322	24,945,538
Pounds.....		\$1,136,131	\$337,542	\$390,323
Value.....		5,554,414	6,956,896	2,684,933
Boric	.....	\$295,739	\$327,190	\$198,212
Pounds.....		2,102,206	2,265,631	(¹)
Value.....		\$777,200	\$598,718	(¹)
Hydrofluoric	.....	4,790,963	2,932,358	698,000
Pounds.....		\$234,657	\$151,215	\$34,890
Muriatic	.....	128,394,736	127,502,682	110,675,109
Pounds.....		\$1,171,082	\$1,180,910	\$1,015,915
Oleic—	.....	13,337,717	(¹)	(¹)
Pounds.....		\$630,915	(¹)	(¹)
Phosphoric—	.....	35,702,606	991,059	(¹)
Pounds.....		\$705,791	\$18,541	(¹)
Value.....		\$7,145,771	\$4,318,930	\$1,516,403
Other.....		\$21,417,982	\$16,858,929	\$11,596,915
Sodas	.....	\$21,417,982	\$16,858,929	\$11,596,915
Soda ash—	.....	646,007	518,759	356,361
Pounds.....		\$10,361,756	\$8,202,292	\$4,768,383
Sal soda—	.....	76,285	56,870	63,231
Pounds.....		\$977,712	\$792,245	\$779,116
Bicarbonate of soda—	.....	82,800	68,867	68,188
Pounds.....		\$1,515,031	\$1,139,010	\$1,324,843
Caustic sodas ³—	.....	112,152	80,159	78,779
Pounds.....		\$4,230,954	\$2,924,182	\$2,917,955

Table 66—	PRODUCT.	1909	1904	1899
	Contd.			
Sodas—Continued.				
Borax—	.....	20,154	20,882	5,637
Pounds.....		\$1,766,910	\$2,122,808	\$502,480
Value.....		\$2,505,619	\$1,681,789	\$1,304,083
Other.....		1,866,570	5,113,706	3,764,806
Pounds.....		\$68,940	\$563,489	\$174,476
Value.....		\$2,578,842	\$2,126,612	\$2,013,607
Alums	.....	26,884,880	(¹)	(¹)
Alum cake—	.....	\$273,711	(¹)	(¹)
Pounds.....		7,939,702	(¹)	(¹)
Value.....		\$128,623	(¹)	(¹)
All other.....		\$2,176,508	(¹)	(¹)
Coal-tar products	.....	\$2,675,327	\$844,817	\$1,322,094
Coal-tar distillery products	.....	\$2,462,330	\$340,641	\$809,830
Chemicals made from coal-tar distillery products.....		\$212,997	\$504,176	\$512,264
Cyanides	.....	\$1,941,893	\$1,179,104	\$1,584,923
Yellow prussiate of potash—	.....	3,510,308	5,027,264	6,140,406
Pounds.....		\$463,583	\$683,277	\$995,514
Value.....		\$1,477,910	\$195,827	\$591,409
All other.....		\$1,635,046	\$777,750	\$492,086
Bleaching materials	.....	9,403,717	(¹)	(¹)
Hydrogen peroxide—	.....	\$550,417	(¹)	(¹)
Pounds.....		14,528	(¹)	(¹)
Value.....		\$202,504	(¹)	(¹)
Bisulphites—	.....	\$382,125	\$777,750	\$492,086
Tons.....		(¹)	(¹)	(¹)
Value.....		(¹)	(¹)	(¹)
All other.....		(¹)	(¹)	(¹)
Chemical substances produced by the aid of electricity	.....	\$17,968,277	\$5,896,632	\$1,305,368
Calcium carbide—	.....	121,946,967	(¹)	(¹)
Pounds.....		\$2,984,091	(¹)	(¹)
Value.....		19,428	(¹)	(¹)
Caustic soda—	.....	\$1,032,647	(¹)	(¹)
Tons.....		11,568,915	(¹)	(¹)
Pounds.....		\$904,525	(¹)	(¹)
Hypochlorites—	.....	68,016	(¹)	(¹)
Tons.....		\$1,806,821	(¹)	(¹)
Value.....		\$11,540,273	\$5,896,632	(¹)
All other.....		\$7,180,172	\$4,755,761	\$2,099,400
Plastics	.....	\$5,389,819	\$2,837,093	\$1,970,387
Pyroxylin plastics	.....	18,234,928	(¹)	(¹)
Pounds.....		\$1,790,353	\$1,898,668	\$129,013
Value.....		\$4,969,805	\$2,787,689	\$1,215,011
Compressed or liquefied gases—	.....	11,802,076	(¹)	(¹)
Pounds.....		\$2,303,315	\$1,173,184	\$448,157
Value.....		47,238,367	35,991,627	(¹)
All other.....		\$2,317,808	\$1,343,966	\$696,164
Laughing gas—	.....	72,675	(¹)	(¹)
Pounds.....		\$33,689	(¹)	(¹)
Value.....		4,777,977	(¹)	(¹)
Oxygen—	.....	898,150	(¹)	(¹)
Gallons.....		364,014	(¹)	(¹)
Value.....		\$16,843	\$270,531	\$70,690
All other.....		\$10,956,666	\$9,146,853	\$4,220,339
Fine chemicals	.....	3,482,492	4,949,525	3,387,522
Alkaloids—	.....	\$3,188,691	\$2,925,789	\$1,743,264
Ounces.....		42,544	59,869	8,594
Value.....		\$430,944	\$449,864	\$90,145
Silver salts—	.....	2,027,719	1,748,882	1,252,004
Ounces.....		\$726,222	\$683,761	\$499,345
Platinum salts—	.....	1,561	19,768	7,312
Ounces.....		\$19,123	\$175,682	\$54,000
Chloroform—	.....	1,861,435	616,670	395,540
Pounds.....		\$422,739	\$165,604	\$98,070
Ether—	.....	1,177,886	660,783	263,238
Pounds.....		\$199,448	\$334,935	\$129,876
Acetone—	.....	6,927,886	1,300,395	1,638,715
Pounds.....		\$719,895	\$161,320	\$178,666
Value.....		\$5,199,584	\$4,248,895	\$1,428,373
All other.....		(¹)	(¹)	(¹)
Chemicals not elsewhere specified:				
Glycerin—	.....	33,956,974	18,791,997	15,383,798
Pounds.....		\$4,338,826	\$3,845,205	\$2,012,886
Value.....		47,785,318	15,935,837	6,072,369
Epsom salts—	.....	\$357,728	\$145,801	\$45,966
Pounds.....		810,958	50,100	7,500,000
Value.....		\$37,626	\$2,600	\$375,000

For footnotes, see page 496.

PRODUCT.	1909	1904	1899
Chemicals not elsewhere specified— Continued.			
Copperas— Pounds.....	24,199,536	8,815,059	14,097,905
Value.....	\$71,081	\$28,661	\$58,581
Phosphates of soda— Pounds.....	35,178,354	12,018,815	3,478,530
Value.....	\$634,282	\$243,822	\$104,554
Tin salts— Pounds.....	12,992,233	9,573,719	4,677,471
Value.....	\$1,194,546	\$904,679	\$470,159
Zinc salts— Pounds.....	43,204,652	(¹)	(¹)
Value.....	\$1,477,486	(¹)	(¹)
Other chemicals.....	\$21,207,939	\$13,289,416	
By-products and residues sold to other industries.....	\$4,530,024	\$5,743,070	\$15,786,497

¹ In addition, products to the value of \$9,105,458 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, including the following:

	Pounds.	Value.	Pounds.	Value.
Acids:				\$282,560
Acetic.....	4,959,985	\$200,740		
Hydrofluoric.....	2,051,951	79,723		
Muriatic.....	74,805,743	587,253		
Oleic.....	2,959,346	165,091		
Stearic.....	5,094,774	399,386		
Other.....		49,530		
Sodas:				
Sal soda..... tons.	10,822	184,297		
Other..... tons.	75,902	1,835,292		
Potashes.....	14,299,552	525,054		
Alums.....	49,430,260	443,513		
Coal-tar distillery products.....		1,610,792		
Bleaching material— Hydrogen per- oxide.....	531,851	20,124		
Bisulphite.....	3,062,000	23,450		
Other.....		20,703		
Pyroxylin plastics.....				
Compressed or liq- uided gases.....				
Anhydrous am- monia.....	167,710	40,923		
Carbon dioxide.....	454,354	19,262		
Laughing gas.....	24,500	4,900		
Oxygen..... gases.	23,826,325	79,319		
Other.....		9,072		
Chloroform.....	5,250	4,779		
Acetone.....	2,007,560	210,287		
Glycerin.....	1,022,920	123,472		
Blue vitriol.....	37,185,585	1,496,645		
Copperas.....	3,031,566	53,372		
Phosphates of soda.....	81,816	586		
Zinc salts.....	4,312,988	103,503		
Other chemicals.....		505,183		

^a Not including acids reported by manufacturers of explosives and fertilizers.
^b Including sodas reported by manufacturers of paints and varnishes and fertilizers.

^c Not including 4,871,014 pounds, value \$448,455, reported by manufacturers of coke.
^d Not including 52,518,919 pounds, value \$6,790,264, reported by manufacturers of soap.

^e In addition, products to the value of \$3,063,397 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, including the following:

	Pounds.	Value.	Pounds.	Value.
Acids:				
Muriatic.....	47,018,080	\$431,938		
Stearic.....	1,750,000	140,000		
Hydrofluoric.....	1,217,578	71,663		
Other.....		146,716		
Sodas:				
Sal soda..... tons.	1,763	29,561		
Cautic..... tons.	14	668		
Other..... tons.	14,200	363,765		
Alums.....	33,074,349	532,185		
Coal-tar distillery products.....		238,645		
Bleaching materials:				
Bisulphite..... tons.		536		\$11,937
Glycerin.....		520,000		53,000
Ether.....		193,628		92,466
Epsom salts.....		1,350,000		13,500
Blue vitriol.....		107,160		5,994
Copperas.....		81,816		586
Tin salts.....		1,103,222		188,301
Other chemicals.....				742,467

¹ See Table 80 for sulphuric, nitric, and mixed acids.

² Not reported separately.

³ See chemical substances produced by the aid of electricity for additional product.

⁴ Not reported.

Coke.—Table 67, which presents the statistics for the manufacture of coke, does not include those for gas-house coke, which are shown in Table 71. The total production of coke, including gas-house coke sold and that made and consumed in gas manufacture, was 41,947,949 tons in 1909 as compared with 27,857,441 tons in 1904, an increase of 50.6 per cent. The gas-house coke included in these figures formed 6.3 per cent of the total product in 1909 and 9.9 per cent in 1904.

The value of all products of the coke industry proper was \$98,078,383 in 1909, \$51,728,647 in 1904, and \$35,585,445 in 1899, an increase for the decade of 175.6 per cent. A marked feature of the industry is the increasing use of retort ovens. Although the

retort coke product was not reported separately in 1899, the by-products of this branch of the industry were given and aggregated \$952,027 in value. In 1909 the value of the retort by-products was \$8,112,900. The value of the coke and by-products made by retort ovens constituted 29.1 per cent of the total value of all products of the industry in 1909. Of the total value of the products made by retort ovens, two-fifths is contributed by the by-products. The ton of 2,000 pounds is used in showing quantities.

	1909	1904	1899
MATERIALS.			
Total cost.....	\$865,388,124	\$29,884,532	\$19,665,532
Coal charged into ovens:			
Tons.....	159,354,937	36,781,006	30,157,829
Run of mine— Unwashed.....	40,594,842	24,872,731	20,844,637
Washed.....	6,007,760	2,649,251	1,457,961
Slack— Unwashed.....	6,926,484	4,414,326	5,036,675
Washed.....	5,825,851	4,844,968	2,818,556
Cost.....	\$62,203,382	\$38,360,121	\$18,355,252
All other materials.....	\$3,184,742	\$1,524,411	\$1,310,280
PRODUCTS.			
Total value.....	\$98,078,383	\$51,728,647	\$35,585,445
Coke: ¹			
Tons.....	39,315,065	24,733,063	19,640,798
Value.....	\$89,905,483	\$49,002,051	\$34,633,418
Made in retort ovens— Tons.....	33,060,421	22,516,280	(²)
Value.....	\$69,530,794	\$42,885,773	(²)
Made in retort or by-product ovens— Tons.....	6,254,644	2,216,783	(²)
Value.....	\$20,434,689	\$6,116,278	(²)
By-products obtained from retort or by-product ovens— Gas made, cubic feet (thousands).....	76,590,763	18,761,101	(²)
Used in process or wasted, cubic feet (thousands).....	60,709,543	14,878,301	(²)
Sold— Cubic feet (thousands).....	15,701,220	3,882,800	1,171,943
Value.....	\$2,609,211	\$684,464	\$225,022
Tar— Gallons.....	60,126,006	23,074,225	10,468,732
Value.....	\$1,408,611	\$515,536	\$207,952
Ammonia sulphate or reduced to equivalent in sulphate— Pounds.....	123,111,197	26,050,713	11,984,931
Value.....	\$5,227,316	\$681,427	\$300,921
Anhydrous ammonia— Pounds.....	4,871,014	(³)	(³)
Value.....	\$448,455	(³)	(³)
Ammonia liquor— Gallons.....	(⁴)	4,339,679	1,572,325
Value.....	(⁴)	\$897,644	\$180,642
All other.....	\$419,307	\$111,225	\$7,490
EQUIPMENT.			
Ovens, number in existence at end of year.....	103,982	76,099	47,142
Building at end of year.....	2,950	2,127	(⁵)
Abandoned during the year.....	201	178	(⁵)

¹ Includes coal and coking products produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, viz: Coal used, unwashed, 566,539 tons, cost, \$1,363,397; products valued at \$2,381,761, comprising retort coke, 415,472 tons, valued at \$1,464,102; tar, 4,398,576 gallons, valued at \$57,639; ammonium sulphate, 9,952,744 pounds, valued at \$235,605; gas sold, 2,169,915 thousand cubic feet, valued at \$534,075; and other products, \$60,250.

² In addition, 410,225 tons of coke, valued at \$1,302,572, were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

³ The statement for coke made in gas establishments will be found in detail under the classification "Gas, illuminating and heating."

⁴ Not reported.

⁵ Reported in part as anhydrous ammonia and in part as ammonium sulphate or reduced equivalents.

Dyestuffs and extracts.—The statistics for dyestuffs and extracts given in Table 68 cover the products of establishments manufacturing the same for sale, and do not include those made by dyo and print works or tanneries and consumed by the same in further processes of manufacture.

The total value of products was \$15,954,574 in 1909 and \$7,350,748 in 1899, an increase of 117 per cent. The chief products were oak and chestnut extract,

which together increased almost ninefold in quantity and even more in value during the decade. Artificial dyestuffs nearly doubled in quantity and in value, but the production of natural dyestuffs (included under "All other products") has fallen off greatly, the value of the product being \$1,035,711 in 1899 and only \$233,935 in 1904. It was materially less in 1909, but can not be shown separately without disclosing individual operations. The census report on Forest Products for 1909 gives 386,817,895 pounds as the total consumption of tanning extracts in that year, which quantity exceeds the quantity of oak, chestnut, hemlock, and sumac extracts here reported by over 83,000,000 pounds. This difference can be taken as representing approximately the amount of tanning extract imported or made and consumed in tanning establishments.

PRODUCT.	1909	1904	1899
Total value	\$15,964,574	\$10,893,113	\$7,350,748
Artificial dyestuffs:			
Pounds.....	12,267,399	4,600,462	6,581,850
Value.....	\$3,462,436	\$1,764,454	\$1,806,730
Extracts:			
Hemlock—			
Pounds.....	12,588,078	18,833,450	26,011,714
Value.....	\$280,487	\$406,619	\$563,591
Logwood—			
Pounds.....	22,317,248	29,799,006	39,252,743
Value.....	\$991,974	\$1,472,047	\$1,485,971
Oak and chestnut—			
Pounds.....	287,908,285	156,520,123	28,983,036
Value.....	\$6,061,162	\$2,411,184	\$529,670
Sumac—			
Pounds.....	3,148,799	4,093,619	4,349,742
Value.....	\$107,456	\$95,958	\$103,085
Ground sumac:			
Pounds.....	554,032	5,001,333	9,284,000
Value.....	\$24,531	\$65,190	\$114,660
Ground bark:			
Pounds.....	25,142,076	38,001,017	27,028,000
Value.....	\$176,510	\$249,101	\$149,365
Ground and chipped wood:			
Pounds.....	15,046,954	9,999,906	12,690,037
Value.....	\$143,720	\$96,237	\$201,431
Gums and dextrans:			
Pounds.....	16,148,931	6,621,731	(?)
Value.....	\$610,999	\$231,708	(?)
Iron liquors:			
Pounds.....	3,079,418	1,800,744	954,240
Value.....	\$30,282	\$30,757	\$7,525
Mordants:			
Pounds.....	1,735,887	733,245	734,000
Value.....	\$69,515	\$64,656	\$85,466
Sizes:			
Pounds.....	54,054,711	7,812,433	101,920
Value.....	\$1,735,640	\$217,859	\$2,548
Tannic acid:			
Pounds.....	5,085,748	5,165,500	1,326,515
Value.....	\$249,297	\$200,136	\$149,662
Turkey-red oil:			
Pounds.....	1,048,719	3,022,470	2,210,000
Value.....	\$72,053	\$159,666	\$14,757
Other tanning liquors:			
Pounds.....	9,285,048	44,418,929	16,144,202
Value.....	\$363,304	\$1,704,243	\$405,659
All other products*.....	\$1,573,248	\$1,724,298	\$1,730,128

* In addition, dyestuffs and extracts, to the value of \$834,102, in 1909 and \$19,411 in 1904, were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

* Not reported separately.

* Including a small production of natural dyestuffs in 1909, a production in 1904 valued at \$253,935, and a production in 1899 valued at \$1,035,711.

NOTE.—The following products were made and consumed in establishments where produced:

	1909	1904
Ground and chipped wood..... pounds.....	936,578,482	524,505,744
Ground bark..... pounds.....	293,062,108	40,390,640
Ground leaves..... pounds.....	1,955,040	3,586,171

Explosives.—Table 69 presents the statistics for the explosives industry. The value of all products was \$40,139,661 in 1909 as compared with \$17,125,418 in 1899, an increase of 134.4 per cent.

The production of explosives in the industry proper was 469,481,252 pounds in 1909, 360,980,734 pounds in 1904, and 215,980,720 pounds in 1899, an increase for the decade of 117.4 per cent. If the explosives made by establishments operated by the Federal Government and by establishments engaged primarily in the manufacture of other products be added, the total production in 1909 was 471,181,650 pounds. The output of dynamite formed about three-eighths of the total output of explosives, and its value approximately one-half of the total value of explosives reported. The most important product in respect to quantity of output was blasting powder, including "permissible explosives." Permissible explosives, known in Pennsylvania as safety explosives, were reported separately for the first time in 1909. They are specially designed for use in dusty and gaseous coal mines. The ton of 2,000 pounds is used in showing quantities.

	1909	1904	1899
MATERIALS.			
Total cost	\$22,811,548	\$17,203,667	\$10,334,074
Nitrate of soda:			
Tons.....	188,889	133,034	88,524
Cost.....	\$7,892,336	\$5,608,557	\$2,902,866
Acids:			
Mixed—			
Pounds.....	51,764,694	105,552,404	66,906,146
Cost.....	\$1,512,626	\$3,093,429	\$1,505,754
Nitric—			
Pounds.....	7,591,756	2,690,500	467,587
Cost.....	\$341,314	\$122,947	\$17,171
Sulphuric—			
Tons.....	22,501	18,298	7,864
Cost.....	\$406,204	\$247,201	\$130,059
Sulphur or brimstone:			
Tons.....	17,359	19,574	12,742
Cost.....	\$367,866	\$507,469	\$417,383
All other materials.....	\$12,001,202	\$7,624,864	\$5,461,101
PRODUCTS.			
Total value	\$40,139,661	\$29,602,884	\$17,125,418
Dynamite:			
Pounds.....	177,155,851	130,920,829	85,846,456
Value.....	\$18,699,746	\$12,900,193	\$8,247,223
Nitroglycerin, sold as such:			
Pounds.....	28,913,253	7,935,936	3,618,692
Value.....	\$3,162,434	\$1,620,117	\$783,299
Blasting powder:			
Kegs (25 pounds).....	9,339,067	8,217,448	3,907,012
Value.....	\$9,608,265	\$7,377,977	\$3,857,974
Permissible explosives:			
Pounds.....	(?)	(?)	(?)
Value.....	\$863,209	(?)	(?)
Gunpowder:			
Pounds.....	12,862,700	10,383,944	25,638,804
Value.....	\$1,736,427	\$1,541,483	\$1,452,377
Other explosives: ⁴			
Pounds.....	7,464,825	6,303,825	3,201,468
Value.....	\$3,913,787	\$4,254,193	\$2,610,103
All other products.....	\$2,155,758	\$1,906,921	\$174,442

* In addition, 1,481,042 pounds, to the value of \$802,948, were made by Federal establishments, and 219,356 pounds, to the value of \$135,974, by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

* In addition, 1,104,532 pounds, to the value of \$690,032, were made by Federal establishments and by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

* Not reported separately.

* Includes smokeless powder and gun cotton or pyroxylin, to avoid disclosing operations of individual establishments.

NOTE.—The following products were made and consumed in the establishments where produced:

	1909	1904
Salt peter..... pounds.....	12,050,225	3,559,376
Nitroglycerin..... pounds.....	70,283,467	44,077,828
Sulphuric acid..... tons.....	42,555	30,994
Nitric acid..... tons.....	31,484	18,988
Charcoal..... bushels.....	737,884	1,156,918
Cellulose nitrates..... pounds.....	5,000,226	(?)
Nitrate of ammonia..... pounds.....	10,904,319	6,299,317

Fertilizers.—The following table giving statistics for the fertilizer industry does not include the product of establishments engaged primarily in the manufacture of products other than fertilizers, chief of which are slaughtering and meat-packing establishments and cottonseed-oil mills. The value of all products of the industry proper, which includes some that are not fertilizers, was \$103,960,213 in 1909, as compared with \$44,657,385 in 1899, an increase of 132.8 per cent. Including the fertilizer by-products of other indus-

tries, the total production of fertilizers in 1909 was 5,618,234 tons, valued at \$100,089,971. During the period 1899–1909 the tonnage of the fertilizer products of the establishments engaged primarily in the manufacture of fertilizers increased 87.5 per cent. Some of the materials, such as sulphuric acid, are the products of establishments engaged in this industry, and therefore are duplicated in the total value of products. The *ton of 2,000 pounds* is used in showing quantities.

Table 70	1909	1904	1899		1909	1904	1899
MATERIALS.				PRODUCTS.			
Total cost	\$69,521,920	\$39,287,914	\$28,958,473	Total value	\$103,960,213	\$56,541,253	\$44,657,385
Ammoniacs:				Fertilizers:			
Tons.....	778, 639			Tons.....	5,240, 164	3,267, 777	2,794, 705
Cost.....	\$16,065, 978	\$9,915, 648	\$9,934, 145	Value.....	\$92,369, 631	\$50,460, 694	\$40,545, 661
Ammonium sulphate:				Superphosphates from minerals,			
Tons.....	63, 381	10, 540	4, 120	bones, etc.—			
Cost.....	\$3,640, 592	\$600, 856	\$188, 609	Tons.....	1,201, 354	766, 338	923, 198
Kainit:				Value.....	\$13,318, 529	\$7,515, 257	\$8,471, 943
Tons.....	322, 720	190, 493	54, 700	Ammoniated—			
Cost.....	\$2,783, 658	\$1,891, 073	\$520, 833	Tons.....	472, 257	775, 987	142, 898
Nitrate of soda:				Value.....	\$10,061, 193	\$12,901, 057	\$2,449, 388
Tons.....	85, 714	42, 213	19, 518	Concentrated phosphate—			
Cost.....	\$3,730, 070	\$1,700, 432	\$709, 841	Tons.....	313, 888	(?)	(?)
Phosphate rock:				Value.....	\$3,638, 210	(?)	(?)
Tons.....	1,529, 124	888, 571	787, 927	Complete—			
Cost.....	\$8,621, 094	\$4,244, 554	\$3,554, 174	Tons.....	2,717, 797	1,329, 149	1,436, 682
Potash salts:				Value.....	\$87,243, 899	\$25,673, 511	\$25,446, 046
Tons.....	257, 766	122, 107	(?)	Other—			
Cost.....	\$7,327, 549	\$3,606, 701	\$3,068, 400	Tons.....	534, 368	394, 703	291, 927
Pyrites:				Value.....	\$8,107, 800	\$4,370, 869	\$4,178, 284
Tons.....	456, 574	342, 962	288, 778	Sulphuric acid (reduced to 50° Baumé):			
Cost.....	\$2,831, 994	\$2,020, 759	\$1,460, 285	Tons.....	153, 057	24, 502	71, 176
Sulphuric acid:				Value.....	\$923, 492	\$194, 578	\$437, 925
Tons.....	603, 672	197, 865	231, 527	Other acids—			
Cost.....	\$3,312, 687	\$1,084, 304	\$1,355, 382	Tons.....	30, 651	45, 689	(?)
Sulphur or brimstone:				Value.....	\$611, 288	\$241, 506	\$17, 872
Tons.....	4, 236	4, 210	12, 728	All other products.....	\$10,055, 802	\$5,644, 475	\$3,655, 927
Cost.....	\$68, 924	\$92, 234	\$268, 670				
Superphosphates:							
Tons.....	415, 656	330, 559	286, 898				
Cost.....	\$3,946, 440	\$2,912, 010	\$2,176, 245				
Fish.....	\$3,031, 437	\$847, 142	\$183, 542				
All other materials.....	\$14,161, 497	\$10,312, 201	\$5,504, 347				

¹ Includes for 1904, 125,888 tons of ammoniacs classified as such, valued at \$2,445,051; cottonseed meal, valued at \$2,376,448; and bones, tankage, and offal, valued at \$5,094,149; and for 1899, cottonseed meal, valued at \$167,416; and bones, tankage, and offal, valued at \$9,766,735.

² Not reported.

³ In addition, in 1909, 231,287 tons of complete fertilizer, valued at \$4,806,832; 49,632 tons of ammoniated fertilizer, valued at \$943,197; 22,615 tons of superphosphates, valued at \$426,302; 63,581 tons of "other" fertilizer, valued at \$1,365,931; 10,955 tons of concentrated phosphate, valued at \$178,078; and other products to the value of \$190,928; and in 1904, fertilizers, to the value of \$2,069,714, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

NOTE.—The following products were made and consumed in establishments where produced:

	1909	1904
Acid phosphate..... tons.....	1,838, 865	884, 211
Sulphuric acid..... tons.....	841, 933	692, 904

Gas, illuminating and heating.—The statistics for the gas industry presented in Table 71 include only those establishments which made gas as their main product. The total production of gas made for sale by such establishments and by retort coke ovens combined—but not including the by-products of establishments outside these two industries—was in 1909, 166,627,013 thousand cubic feet, valued at \$141,224,520; in 1904, 116,432,779 thousand cubic feet, valued at \$113,347,032; and in 1899, 68,265,496 thousand cubic feet, valued at \$69,657,604. The increase in quantity for the period 1899–1909 was thus 144.1 per cent, and that in value 102.7 per cent. In addition to the product above reported for 1909, 1,730,563 thousand cubic feet were made and con-

sumed in gas plants and 60,799,543 thousand cubic feet were made and consumed or wasted by retort coking establishments. There is also a large consumption of producer gas and blast-furnace gas by establishments in other industries which produced the gas themselves.

The value of products of the illuminating-gas industry proper aggregated \$166,814,371 in 1909 as compared with \$75,716,693 in 1899, an increase of 120.3 per cent. Only about four-fifths of this value represents that of the gas itself. The industry shows a progressive decrease from census to census in unit values for all kinds of gas with the exception of acetylene gas. The *ton of 2,000 pounds* is used for showing quantities.

	1909	1904	1899
MATERIALS.			
Total cost.....	\$52,427,844	\$37,180,066	\$20,605,356
Coal:			
Tons.....	4,940,598	4,431,774	2,487,287
Cost.....	\$16,304,832	\$14,607,485	\$7,104,472
Oil:			
Gallons.....	579,657,152	104,989,564	194,857,296
Cost.....	\$17,345,750	\$15,015,602	\$8,168,657
Coke:			
Tons.....	901,919	435,534	217,354
Cost.....	\$2,667,706	\$1,602,762	\$726,736
All other materials.....	\$16,109,556	\$5,954,217	\$4,545,491
PRODUCTS.			
Total value.....	\$166,814,371	\$125,144,945	\$75,716,693
Gas: ¹			
Cubic feet (thousands).....	150,835,793	112,549,979	67,093,553
Value.....	\$138,615,309	\$112,662,568	\$69,432,582
Straight coal—			
Cubic feet (thousands).....	19,985,253	12,693,034	(²)
Value.....	\$18,065,841	\$12,868,604	(²)
Straight water—			
Cubic feet (thousands).....	1,726,082	715,550	(²)
Value.....	\$1,250,031	\$832,440	(²)
Carburetted water—			
Cubic feet (thousands).....	79,418,486	54,687,418	(²)
Value.....	\$69,513,749	\$48,071,180	(²)
Mixed coal and water—			
Cubic feet (thousands).....	40,775,283	40,980,414	(²)
Value.....	\$36,853,543	\$45,605,293	(²)
Oil—			
Cubic feet (thousands).....	8,688,500	3,441,332	(²)
Value.....	\$12,111,458	\$5,141,460	(²)
Acetylene—			
Cubic feet (thousands).....	25,186	7,881	(²)
Value.....	\$361,348	\$104,267	(²)
All other—			
Cubic feet (thousands).....	216,643	24,330	(²)
Value.....	\$320,339	\$39,354	(²)
Coke:			
Bushels.....	\$2,049,653	\$9,146,434	
Value.....	\$5,723,215	\$5,195,401	
Tar:			
Gallons.....	\$78,339,880	67,515,421	\$4,283,204
Value.....	\$1,875,549	\$2,064,343	
All other products.....	\$13,556,908	\$972,992	
Receipts from rents and sales of lamps and appliances.....	\$7,043,390	\$4,249,581	\$2,000,907

¹ Does not include \$4,013,885 paid for lamps and appliances.

² In addition, products of gas manufacture to the value of \$261,802 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation. The items covered by these products were 27,658 (thousands) cubic feet of coal gas, valued at \$29,419; 13,070 (thousands) cubic feet of acetylene gas, valued at \$24,618; 44,347 bushels of coke, valued at \$3,399; 38,370 gallons of tar, valued at \$1,372; and receipts from sale of lamps and appliances to the amount of \$2,994.

³ Statistics of the gas made in coke establishments are shown in detail under the classification "Coke."

⁴ Not reported separately.

⁵ In addition, there were 13,813,058 gallons for which no value was reported.

⁶ Includes 49,730,220 gallons of ammonia liquor, valued at \$725,702, and 1,154,319 pounds of hydrocarbons, valued at \$44,639.

NOTE.—The following products were made and consumed in establishments where produced:

	1909	1904
Coke..... bushels.....	49,550,153	46,561,185
Tar..... gallons.....	31,590,178	14,772,878
Gas, cubic feet..... thousands.....	1,730,563	1,363,757
Benzene or benzol.....	302,994	

Glucose and starch.—Statistics are presented in Table 72 for the glucose and starch industry for the years 1909 and 1904.

Corn is the principal material used. The value of all products of the industry was \$48,799,311 in 1909 and \$32,649,836 in 1904, the increase for the five-year period being 49.5 per cent. The starch product (gross, including duplication), increased in quantity 89.9 per cent and in value 60.3 per cent, the entire gain being in cornstarch. The percentages of increase in the value of glucose, grape sugar, and corn oil are large, notably that for corn oil. In 1899 the production of starch (in part estimated) was 543,040,000 pounds, greatly exceeding the figures for 1904. The decrease in production from 1899 to 1904 was due in

large measure to the decrease in the export trade of this commodity.

Some establishments included in the industry are engaged primarily in reprocessing starch, resulting in a duplication of products. In 1909 105,299,010 pounds of cornstarch were used as material by such factories, 104,597,648 pounds of cornstarch being obtained as products. The deduction of this duplication from the total gives the quantity of marketable cornstarch produced in 1909 as 534,227,718 pounds.

	1909	1901
MATERIALS.		
Total cost.....	\$36,898,771	\$25,518,876
Corn:		
Pounds.....	2,240,508,915	(¹)
Cost.....	\$26,674,779	\$10,074,728
Wheat and roots:		
Pounds.....	1,940,000	(²)
Cost.....	\$21,435	(²)
Potatoes:		
Pounds.....	210,608,127	209,372,549
Cost.....	\$311,359	\$363,651
Cornstarch:		
Pounds.....	105,299,010	(³)
Cost.....	\$1,763,173	(³)
Wheat flour:		
Pounds.....	19,545,524	(⁴)
Cost.....	\$48 ⁵ 26	(⁴)
All other materials.....	\$7,415,762	\$5,880,497
PRODUCTS.		
Total value.....	\$48,799,311	\$32,649,836
Starch:		
Pounds.....	677,535,647	356,695,335
Value.....	\$17,514,823	\$10,927,538
Corn:		
Pounds.....	635,825,366	311,140,814
Value.....	\$15,962,916	\$5,878,450
Wheat and root—		
Pounds.....	12,127,686	17,845,121
Value.....	\$626,337	\$1,124,612
Potatoes:		
Pounds.....	26,582,595	27,709,400
Value.....	\$925,570	\$924,476
Glucose, including all sirups:		
Pounds.....	769,660,210	(¹)
Value.....	\$17,922,514	\$12,352,616
Grape sugar:		
Pounds.....	159,090,478	(¹)
Value.....	\$3,620,816	\$2,254,745
Corn oil:		
Gallons.....	8,164,175	(¹)
Value.....	\$2,802,768	\$1,164,466
Stock food.....	\$6,013,963	\$4,446,479
All other products.....	\$924,422	\$1,503,992

¹ Not reported.

² Not reported separately.

³ In addition, 1,396,991 pounds of cornstarch, valued at \$48,059, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

Cottonseed, oil and cake.—The following table presents the statistics for cottonseed products:

	1909 ¹	1904 ²	1899
Cotton seed crushed..... tons.....	3,798,549	3,308,930	2,479,386
PRODUCTS.			
Total value.....	\$147,867,894	\$96,407,621	\$58,726,632
Primary products manufactured, whether for sale or for further use:			
Oil..... gallons.....	157,115,659	132,051,801	93,325,729
Meal and cake..... tons.....	1,641,734	1,343,977	884,391
Hulls..... tons.....	1,258,612	1,201,079	1,169,286
Linters..... pounds.....	174,620,099	116,707,298	57,272,653

¹ In addition, products to the value of \$2,017,705 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation; these establishments crushed 28,752 tons of seed and produced 1,212,852 gallons of crude oil, 12,811 tons of meal and cake, 8,926 tons of hulls, and 1,152,978 pounds of linters.

² In addition, establishments engaged primarily in the manufacture of products other than those covered by the industry designation crushed 36,440 tons of seed and produced 1,765,371 gallons of crude oil, 16,195 tons of meal and cake, 12,255 tons of hulls, and 1,085,671 pounds of linters.

The amount of seed crushed in mills engaged primarily in the industry increased from 2,479,386 tons in 1899 to 3,798,549 tons in 1909, or 53.2 per cent, while the value

of all products, including fertilizer, ice, feed, etc., were carried on in connection with the manufacture of cottonseed products, increased from \$58,726,632 to \$147,867,894, or 151.8 per cent. A marked feature of the industry is the progressive increase in quantity of oil, meal, and linters, and decrease in quantity of hulls per ton of seed crushed. The *ton of 2,000 pounds* is used for showing quantities.

Oil, essential.—The products of the essential-oil industry, given in the following table, increased in value from \$813,495 in 1899 to \$1,737,234 in 1904, or 113.6 per cent. The output of natural oils increased in value 58.2 per cent, and of witch-hazel over sevenfold.

PRODUCT.	1909	1904	1899
Total value	\$1,737,234	\$1,464,662	\$813,495
Natural oils.....	\$1,108,603	\$1,023,937	\$700,709
Peppermint.....	305,781	130,022	202,550
Pounds.....	\$319,079	\$470,037	\$188,559
Value.....	67,053	(?)	(?)
Black birch.....	\$102,045	(?)	(?)
Pounds.....	33,400	(?)	(?)
Value.....	\$38,283	(?)	(?)
Wintergreen.....	22,281	4,737	2,166
Pounds.....	\$68,983	\$15,579	\$3,638
Value.....	(?)	3,7,908	638,024
Other.....	\$35,213	\$38,321	\$308,512
Witch-hazel.....	679,190	797,700	110,260
Gallons.....	\$412,322	\$367,873	\$54,649
Value.....	\$216,309	\$72,852	\$58,137

¹ In addition, essential oils to the value of \$117,489 in 1909 and \$14,500 in 1904 were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

² Not reported separately.

³ The products classified under this head include 49,327 pounds, valued at \$44,494; quantities not reported for the remainder.

Paint and varnish.—The inquiry at the present census in regard to specific materials used in the manufacture of paints and varnishes was confined to pig lead and alcohol, the comparative statistics for which, including establishments engaged primarily in the manufacture of products other than those covered by the industry designation, are as follows:

MATERIAL.	1909	1904	1899
Pig lead:			
Tons (2,000 pounds).....	145,917	129,629	99,052
Cost.....	\$12,014,859	\$11,214,961	\$8,585,088
Alcohol:			
Gallons.....	1,683,282	1,416,746	388,268
Cost.....	\$620,086	\$928,946	\$461,417
Wood—			
Gallons.....	1,327,157	1,357,682	310,059
Cost.....	\$663,362	\$790,243	\$285,510
Grain—			
Gallons.....	356,225	59,064	78,309
Cost.....	\$226,724	\$138,703	\$175,907

The statistics for paint and varnish products are given in the following table, which does not include the pigments ground in establishments classified as engaged in the manufacture of kaolin and ground earths, the blacks made by establishments classified as engaged in the manufacture of bone, carbon, and lamp black, nor lead or zinc oxide made by lead and zinc smelters. During the period 1899 to 1909 the value of all products increased from \$69,562,235 to \$124,889,422, or 79.5 per cent. Paints in oil constitute

the most important group. The output of pigments, including white lead in oil, increased 141.9 per cent, and that of varnishes and japans 69 per cent in value.

PRODUCT.	1909	1904	1899
Total value	\$124,889,422	\$90,839,609	\$69,562,235
Pigments	\$16,985,588	\$11,965,806	\$13,319,487
White lead, dry—			
Pounds.....	85,234,414	62,395,868	116,102,316
Value.....	\$3,921,803	\$2,877,109	\$4,211,181
Oxides of lead—			
Pounds.....	63,404,846	49,734,330	50,759,623
Value.....	\$3,662,062	\$2,891,772	\$2,550,340
Lampblack and other blacks—			
Pounds.....	1,810,465	757,244	1,065,000
Value.....	\$105,063	\$49,809	\$60,250
Iron oxides and other earth colors—			
Pounds.....	111,674,675	48,345,978	33,453,896
Value.....	\$76,331	\$331,416	\$318,242
Other dry colors—			
Pounds.....	162,409,565	98,194,081	167,479,090
Value.....	\$6,874,835	\$5,066,083	\$5,317,943
Barytes—			
Pounds.....	49,496,025	22,299,909	29,902,025
Value.....	\$184,045	\$134,174	\$134,174
Pulp colors, soft moles—			
Pounds.....	28,435,722	25,351,515	20,060,935
Value.....	\$1,277,239	\$915,383	\$861,531
Paints in oil	\$50,763,296	\$40,390,059	
White lead in oil—			
Pounds.....	246,567,570	216,496,450	(?)
Value.....	\$15,234,411	\$11,228,889	(?)
Paste—			
Pounds.....	162,356,330	131,940,464	306,410,398
Value.....	\$11,279,459	\$8,713,183	\$17,601,459
Already mixed for use—			
Gallons.....	33,272,033	27,979,020	16,879,595
Value.....	\$30,249,426	\$20,447,987	\$14,864,126
Varnishes and japans	\$31,262,535	\$22,871,486	\$18,502,219
Oleoresins and turpentine—			
Gallons.....	18,476,523	17,462,719	14,282,851
Value.....	\$17,350,113	\$15,702,997	\$14,533,574
Damar and similar turpentine and benzine varnishes—			
Gallons.....	3,481,231		
Value.....	\$2,836,341		
Spirit varnishes not turpentine—			
Gallons.....	1,181,746	1,553,562	549,811
Value.....	\$1,408,048	\$2,180,713	\$905,229
Pyroxylin varnishes—			
Gallons.....	1,880,141	148,320	160,127
Value.....	\$2,351,425	\$162,163	\$178,826
Dryers, japans and lacquers—			
Gallons.....	9,474,939	(?)	(?)
Value.....	\$5,094,973	\$3,346,355	\$3,084,610
All other.....	\$3,221,635	\$1,479,258	(?)
Fillers	\$3,126,271	\$2,344,636	
Liquid—			
Gallons.....	1,159,569	1,051,148	(?)
Value.....	\$823,063	\$785,617	(?)
Paste—			
Pounds.....	14,050,329		
Value.....	\$887,948		
Dry—			
Pounds.....	50,983,472	68,761,174	(?)
Value.....	\$286,728	\$1,559,019	(?)
Putty—			
Pounds.....	63,502,043		
Value.....	\$1,119,532		
Water paints and kalsomine:			
Dry or in paste—			
Pounds.....	47,465,265	27,932,447	(?)
Value.....	\$1,917,038	\$924,807	(?)
Already mixed for use—			
Gallons.....	522,283	123,400	(?)
Value.....	\$61,969	\$9,230	(?)
Linseed oil:			
Gallons.....	3,477,004	(?)	(?)
Value.....	\$1,912,594	(?)	(?)
Bleached shellac:			
Pounds.....	3,014,195	(?)	(?)
Value.....	\$578,650	(?)	(?)
All other products	\$12,281,481	\$12,333,585	\$5,274,941

¹ In addition, paints and varnishes, to the value of \$2,683,397 in 1909 and \$1,221,338 in 1904, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

² Includes white lead in oil. ³ Not reported separately. ⁴ Not reported.

NOTE.—The following products were made and consumed in establishments where produced:

	1909	1904
White lead, dry.....	162,702,089	122,288,484
Lead oxides.....	4,524,425	13,589,147
Varnishes.....	4,407,312	1,202,674
Drying japans and dryers.....	3,000,756	988,979
Collodion and other cellulose nitrate solutions.....	20,000	1,576,442
Pyroxylin and other cellulose nitrates.....	24,750	12,000
Coppers.....	11,531,005	

Petroleum refining.—The products of the petroleum-refining industry, statistics for which are presented in the following table, aggregated \$236,997,659 in value in 1909 as compared with \$123,929,384 in 1899, the increase during the decade being 91.2 per cent. This conforms closely to the increase in the cost of crude petroleum used, which was 89.4 per cent. The crude petroleum used increased in quantity from 52,011,005 barrels of 42 gallons in 1899 to 120,775,439 barrels in 1909, or 132.2 per cent, and the refined-oil products aggregated 40,290,985 barrels of 50 gallons in 1899, 46,454,062 barrels in 1904, and 89,082,810 barrels in 1909, an increase for the decade of 136.2 per cent.

Table 77	1909	1904	1899
Crude petroleum used:			
Barrels (42 gallons).....	120,775,439	66,982,862	52,011,005
Cost.....	\$152,307,040	\$107,487,991	\$80,424,207
PRODUCTS.¹			
Total value.....	\$236,997,659	\$175,005,320	\$123,929,384
Oils:			
Illuminating—			
Barrels (50 gallons).....	33,495,798	27,135,094	25,171,289
Value.....	\$94,547,010	\$91,366,434	\$74,694,297
Fuel (including gas oils)—			
Barrels.....	34,034,577	7,209,428	6,005,224
Value.....	\$36,402,883	\$9,205,391	\$7,550,664
Lubricating—			
Barrels.....	10,745,885	6,298,251	3,408,918
Value.....	\$38,884,236	\$23,553,091	\$10,807,214
Naphtha and gasoline (including gas naphtha)—			
Barrels.....	10,806,550	5,811,289	5,615,554
Value.....	\$39,771,959	\$21,314,837	\$15,691,742
Paraffin wax—			
Barrels.....	946,830	794,068	774,924
Value.....	\$9,368,812	\$10,007,274	\$7,791,149
Oil asphaltum—			
Tons (2,000 pounds).....	233,328	(²)	(²)
Value.....	\$2,724,752	(²)	(²)
Residuum or tar—			
Barrels.....	1,787,008	3,187,921	506,615
Value.....	\$2,215,623	\$3,138,361	\$988,455
Greases (lubricating, etc.)—			
Barrels.....	138,302	202,439	572,140
Value.....	\$1,567,647	\$1,394,120	\$2,454,617
Coke and black naphtha—			
Value.....	\$507,695	\$149,653	\$176,281
Sludge acid—			
Tons (2,000 pounds).....	133,215	165,104	(²)
Value.....	\$402,265	\$400,480	(²)
All other products.....	\$10,524,747	\$14,475,669	\$3,684,965
EQUIPMENT.			
Stills, number.....	2,395	1,907	1,774
Heated by steam—			
Number.....	451	282	290
Capacity (barrels 42 gallons).....	424,564	(²)	(²)
Heated by superheated steam—			
Number.....	16	15	26
Capacity (barrels 42 gallons).....	6,200	(²)	(²)
Heated by fire—			
Number.....	1,928	1,610	1,458
Capacity (barrels 42 gallons).....	1,656,534	(²)	(²)
Agitators, number.....	529	374	327
Chilling boxes for paraffin, number.....	79	67	48
Hydraulic or other presses, number.....	357	311	510
Storage tanks for crude petroleum:			
Number.....	678	304	257
Capacity, gallons.....	242,500,505	245,760,493	(²)
Storage tanks for refined petroleum:			
Number.....	6,476	3,575	2,869
Capacity, gallons.....	1,041,627,444	576,458,825	(²)
Cooper shops, number.....	53	64	43
Tin shops, number.....	14	17	13

¹ In 1909, 48,550 tons of sulphuric acid, and in 1904, 49,379 tons, were made and consumed in establishments where produced.

² Not reported separately.

³ Not reported.

The largest gain was that in the output of fuel oils, which increased from 7,209,428 barrels in 1904 to 34,034,577 barrels in 1909, as the result of the increase in the refining of low-grade crude oils. The output

of lubricating oils and naphtha also increased very rapidly. The decrease in the value of "all other products" in 1909 as compared with 1904 is due in part to the fact that the products of the box, cooperage, tinware, and paint shops operated by the refineries were included in 1904, but when possible separate reports were obtained for these departments in 1909 and the statistics for them were included with those for other industries at this census.

Salt.—The statistics for the salt industry are given in the following table.¹ The value of all products increased from \$7,966,897 in 1899 to \$11,327,834 in 1909, or 42.2 per cent. The production of salt increased from 15,187,819 barrels in 1899 to 29,933,060 barrels in 1909, or 97.1 per cent, while the value of the product increased from \$5,869,362 to \$8,311,729, or 41.6 per cent, the average value per barrel decreasing from 39 cents in 1899 to 28 cents in 1909 on account of the greatly increased proportion of the lower grades of salt manufactured. The barrel of 280 pounds is used in showing quantities.

Table 78	PRODUCT.	1909	1904	1899
Total value.....		\$11,327,834	\$9,437,662	\$7,966,897
Salt:				
Barrels.....	29,933,060	17,128,572	15,187,819	
Value.....	\$8,311,729	\$9,955,734	\$5,869,362	
Bromine:				
Pounds.....	278,875	261,665	279,437	
Value.....	\$92,735	\$72,554	\$94,921	
All other products.....	\$2,923,370	\$2,409,344	\$2,032,614	
<i>Salt, classified by grade (barrels).</i>				
Table and dairy.....	3,042,824	3,119,091	1,866,058	
Common fine.....	7,745,204	6,254,203	6,866,126	
Common coarse.....	2,843,353	1,878,606	2,455,282	
Packers.....	385,802	408,943	182,950	
Coarse solar.....	1,109,296	1,677,182	910,974	
Rock salt, mined.....	5,938,721	3,416,835	2,543,679	
Milling, other grades, and brine.....	8,867,720	283,562	182,770	
<i>Process employed.</i>				
Total number of establishments.....	124	146	159	
Number reporting:				
Solar.....	46	63	(²)	
Kettle.....	7	7	(²)	
Grauer.....	50	70	(²)	
Open pan.....	11	12	(²)	
Vacuum pan.....	21	20	(²)	

¹ In addition, 25,043 barrels of salt, to the value of \$8,415, were produced by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

² Includes potassium bromide.

³ Not reported.

Soap.—The statistics for the soap industry given in Table 79 for 1909 and 1904 include those for the soap factories operated by the owners of slaughtering and meat-packing establishments as well as for establishments engaged primarily in the manufacture of soap. In 1899 the manufacture of soap and of candles was reported as one industry, the value of products being \$53,231,017. In 1904 the value of the combined products of these industries was \$72,164,062 and in 1909, \$114,488,298.

The cost of the materials used in the soap industry was \$72,179,418 in 1909 and \$43,625,608 in 1904, the

¹ The statistics differ from those published by the United States Geological Survey, which include Hawaii and Porto Rico.

increase for the five-year period being 65.5 per cent. The value of all products was \$111,357,777 in 1909 and \$68,274,700 in 1904, the increase for the five-year period being 63.1 per cent. With the addition of the by-products from establishments in other industries the total value of soap products was \$115,455,172 in 1909. The chief soap product was hard soap, which, including that made in establishments engaged primarily in the manufacture of products other than soap, aggregated 883,583 net tons in 1909. Glycerin is an important product of the soap industry. Reference should be made to Table 66 for the glycerin product of chemical establishments.

	1909	1904
MATERIALS.		
Total cost.	\$72,179,418	\$43,625,608
Tallow, grease, and other fats:		
Pounds.....	413,969,787	475,618,277
Cost.....	\$23,341,905	\$19,723,311
Cocount and palm-kernel oil:		
Gallons.....	11,856,837	6,833,132
Cost.....	\$5,875,294	\$2,692,034
Cottonseed oil:		
Gallons.....	24,221,712	13,276,096
Cost.....	\$9,718,988	\$3,882,987
Rosin:		
Pounds.....	207,296,447	168,107,246
Cost.....	\$4,362,412	\$2,734,848
Foots:		
Pounds.....	94,000,892	59,761,740
Cost.....	\$2,453,609	\$1,222,982
Caustic soda:		
Tons (2,000 pounds).....	52,172	71,551
Cost.....	\$2,212,232	\$2,843,988
Soda ash:		
Tons (2,000 pounds).....	121,016	53,777
Cost.....	\$3,281,787	\$1,011,694
All other materials.....	\$21,933,191	\$9,513,764
PRODUCTS.		
Total value.	\$111,357,777	\$68,274,700
Hard soap:		
Pounds.....	1,738,740,466	1,355,358,649
Value.....	\$88,559,830	\$56,878,456
Soft soap:		
Pounds.....	44,052,615	33,613,416
Value.....	\$943,676	\$667,064
Glycerin:		
Pounds.....	39,689,900	27,660,661
Value.....	\$5,713,558	\$2,958,115
Special soap articles.....	\$731,823	\$554,881
All other products.....	\$15,417,890	\$7,216,154

¹ In addition, the following products were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation:

	1909	1904
Soap:		
Hard—		
Pounds.....	30,424,855	31,251,795
Value.....	\$1,279,004	\$1,148,920
Soft—		
Pounds.....	15,984,055	10,285,839
Value.....	\$325,511	\$94,017
Glycerin:		
Pounds.....	37,296,721	565,060
Value.....	\$1,076,706	\$45,290
All other products.....	\$1,416,174	\$148,981

² In addition, 5,597,519 pounds were reported with no value.

³ In addition, 25,319 pounds were reported with no value.

NOTE.—The following products were made and consumed in establishments where produced:

	1909	1904
Red oil.....	gallons 3,175,795	1,149,346
Tallow.....	pounds 17,709,219	10,613,271
Cottonseed oil.....	gallons 2,422,813	920,410
Caustic lye, 30° Baumé.....	gallons 15,931,639	9,568,822
Sodium silicate.....	pounds 37,406,246	1,597,886
Glycerin.....	pounds 5,816,279	3,433,329
Framed soap.....	pounds 527,570,128	114,452,424

Sulphuric, nitric, and mixed acids.—Comparative statistics for the products of establishments engaged primarily in the manufacture of sulphuric, nitric, and mixed acids are given in the following table. The total value of products was \$9,884,057 in 1909, as compared with \$8,596,390 in 1899, an increase of 15 per cent. This increase was chiefly in sulphuric acid, the output of which increased in quantity (on the basis of 50° acid) 88.8 per cent and in value 38.3 per cent. The ton of 2,000 pounds is used in showing quantities.

PRODUCT.	1909	1904	1899
Total value	\$9,884,057	\$9,052,648	\$8,596,390
Acids:			
Sulphuric:			
Tons, reduced to 50° Baumé.....	855,191	467,614	452,942
Value.....	\$6,229,496	\$4,286,312	\$4,071,848
66° Baumé—			
Tons.....	267,476	199,663	250,338
Value.....	\$3,158,097	\$2,886,179	\$3,244,586
60° Baumé—			
Tons.....	73,073	13,634	13,650
Value.....	\$401,734	\$121,432	\$199,390
50° Baumé—			
Tons.....	362,636	151,077	69,387
Value.....	\$2,069,665	\$1,278,701	\$627,882
Nitric:			
Pounds.....	8,396,326	30,306,555	20,402,570
Value.....	\$499,303	\$1,446,471	\$1,028,266
Mixed:			
Pounds.....	45,361,626	42,812,894	42,201,319
Value.....	\$1,438,475	\$1,222,295	\$1,109,758
All other products.....	\$2,316,783	\$2,067,568	\$2,386,518

¹ In addition, the following products were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation:

	1909	1904
Acids:		
Sulphuric (50°)—		
Tons.....	621,801	433,377
Value.....	\$4,455,263	\$3,655,899
Nitric—		
Pounds.....	18,929,620	15,957,526
Value.....	\$897,795	\$504,473
Mixed—		
Pounds.....	11,820,542	22,518,433
Value.....	\$422,312	\$735,061
All other products.....	\$511,532	

² Includes the equivalent of 27,602 tons of oleum.

³ Includes the equivalent of 13,268 tons of oleum.

NOTE.—In 1909, 1,271,535 tons of sulphuric acid (50°) and 110,704,619 pounds of nitric acid, and in 1904, 968,455 tons of sulphuric acid (50°) and 62,116,306 pounds of nitric acid were made and consumed in establishments where produced.

Including by-products from establishments engaged primarily in the manufacture of products other than those covered by the industry designation, the total production of these acids for sale in 1909 and 1904 was as follows:

KIND.	1909	1904
Sulphuric acid (50°):		
Tons.....	1,476,992	900,991
Value.....	\$10,084,759	\$7,942,211
Nitric acid:		
Pounds.....	27,325,946	46,264,081
Value.....	\$1,357,098	\$2,250,944
Mixed acids:		
Pounds.....	57,182,168	65,331,327
Value.....	\$1,860,787	\$1,957,356

A large amount of sulphuric acid made and consumed in the establishments where manufactured, particularly in fertilizer factories, must be taken into

account in considering the total production. The following table gives the total production for the three census years:

Table 82	SULPHURIC ACID.	1909	1904	1899
Total, reduced to 50° Baumé acid..... tons..		2,748,537	1,869,437	1,548,123
For sale.....		1,476,992	900,992	783,768
For consumption.....		1,271,535	968,445	764,355

Turpentine and rosin.—The products of the turpentine and rosin industry for which statistics are presented in the following table increased in value from \$20,344,888 in 1899 to \$25,295,017 in 1909, or 24.3 per cent, but the gain was due wholly to the great increase in the price of rosin. The turpentine product decreased in both quantity and value during the decade. The output of rosin also decreased 24.9 per cent, but its value increased 145.2 per cent. The average value of rosin per barrel increased from \$1.18 in 1899 to \$3.85 in 1909.

Table 83	PRODUCT.	1909	1904	1899
Total value.....		\$25,295,017	\$23,937,024	\$20,344,888
Turpentine:				
Gallons.....		28,968,954	30,687,051	38,498,170
Value.....		\$12,654,228	\$15,170,499	\$14,960,235
Rosin:				
Barrels (280 pounds).....		3,263,857	3,508,347	4,348,004
Value.....		\$12,576,721	\$8,725,619	\$5,129,268
Dross and other products.....		\$64,068	\$40,906	\$255,385

¹ In addition, 682,702 gallons of turpentine, valued at \$243,491, was produced by wood distillation.

CLAY, GLASS, AND STONE PRODUCTS.

Under this general head are assembled the industries using clay, sand, and stone as basic materials, namely, the manufacture of brick, tile, pottery, terracotta, and fire-clay products, and that of cement, glass, and lime.

The statistics for all these industries, except glass manufacture, were collected in 1909 in cooperation with the United States Geological Survey, and the tables include, except as otherwise stated, the respective products made by establishments engaged primarily in the manufacture of other products as well as those establishments making such products as their principal business.

Brick and tile, and pottery, terra-cotta, and fire-clay products.¹—Table S4 summarizes the statistics in regard to the products of the brick and tile, pottery, and terra-cotta and fire-clay products industries. The total value of these classes of products was \$168,895,365 in 1909 and \$95,533,862 in 1899, the increase during the decade being 76.8 per cent. Of the total value of products in 1909, that of brick formed 57.5 per cent, that of tile and allied products 23.2 per cent, and that of pottery 18.4 per cent. The percentages were practically the same in 1904 and 1899. Some of the classes show large ratios of in-

crease, notably porcelain electrical supplies and building terra cotta, including architectural terra cotta, fireproofing, and tiling.

Table 84	PRODUCT.	1909	1904	1899
Total value.....		\$168,895,365	\$135,352,854	\$96,533,862
Brick and tile, terra-cotta, and fire-clay products.....		\$136,387,846	\$109,003,306	\$76,551,645
Brick.....		\$97,137,844	\$78,728,083	\$58,640,228
Common—				
Thousand.....		9,787,671	8,683,897	7,654,528
Value.....		\$57,216,789	\$51,239,871	\$39,674,749
Fire—				
Thousand.....		838,167	678,362	800,862
Value.....		\$16,620,695	\$11,752,625	\$8,636,562
Vitrified, paving, etc.—				
Thousand.....		1,023,654	715,559	590,720
Value.....		\$11,269,586	\$7,256,088	\$4,828,456
Front, including fancy colored and fancy or ornamental—				
Thousand.....		821,641	626,142	451,420
Value.....		\$9,886,292	\$7,355,611	\$5,170,492
Sand lime.....		\$1,150,580	\$698,903	(1)
Enamelled.....		\$993,902	\$445,985	\$329,969
Drain tile.....		\$9,798,978	\$5,522,188	\$3,662,184
Sewer pipe.....		\$10,322,324	\$8,416,069	\$4,660,334
Architectural terra cotta.....		\$6,251,625	\$8,792,763	\$2,027,532
Fireproofing, terra-cotta lumber and hollow building tile, or blocks.....		\$4,466,708	\$4,317,312	\$1,665,031
Tile, not drain.....		\$5,291,963	\$2,725,717	\$1,276,300
Other.....		\$423,583	(1)	\$416,235
Other.....		\$2,694,821	\$5,501,224	\$4,303,801
Pottery.....		\$31,048,341	\$25,834,513	\$17,222,040
White ware, including C. C. ware, white granite, semiporcelain ware, and semivitreous porcelain ware.....		\$13,728,316	\$9,195,703	\$6,376,351
Sanitary ware.....		\$5,989,295	\$3,932,506	\$2,211,877
Stoneware and yellow and Rockingham ware.....		\$3,993,859	\$3,481,521	\$2,130,263
Porcelain electrical supplies.....		\$3,047,499	(1)	\$170,355
China, bone china, Delft and Bel-leek ware.....		\$1,766,766	\$3,478,627	\$1,297,978
Red earthenware.....		\$804,806	\$321,695	\$762,200
Other.....		\$1,717,800	\$3,474,178	\$3,972,956
All other products.....		\$1,459,178	\$515,035	\$1,760,177

¹ Not reported separately.

² Product of Ohio included in "other" pottery.

Cement.—The statistics of products for the cement industry for 1909 and 1904, given in the following table, show a total value of \$63,205,455 in 1909 as compared with \$29,873,122 in 1904, the rate of increase for the five-year period being 111.6 per cent. In 1899 the statistics for the lime and cement industries were combined, the products aggregating \$28,673,735 in value. The value of the combined lime and cement product in 1909 was \$81,157,442, the increase for the decade being 183 per cent.

During the period 1904–1909 the output of cement increased 110.5 per cent in quantity, all of the increase being in Portland cement, while the output of natural cement and of puzzolan cement decreased greatly. Portland cement formed 97.5 per cent of the total in 1909, as compared with 83.7 per cent in 1904.

Table 85	PRODUCT.	1909	1904
Total value.....		\$63,205,455	\$29,873,122
Cement:			
Barrels.....		66,689,715	31,675,257
Value.....		\$53,610,563	\$26,031,920
Portland—			
Barrels.....		64,991,431	26,505,881
Value.....		\$52,858,354	\$23,355,119
Natural—			
Barrels.....		1,537,638	4,866,331
Value.....		\$852,756	\$2,450,150
Puzzolan.....			
Barrels.....		160,646	303,045
Value.....		\$99,453	\$226,651
All other products.....		\$9,594,892	\$3,841,202

¹ The statistics differ from those published by the United States Geological Survey, which include Porto Rico.

Glass.—The following table presents comparative statistics for the glass industry, giving the total cost of materials and the total value of products, together with the quantities of the principal materials and products, for the years 1909, 1904, and 1899. There was an increase of 62.9 per cent in the value of all

products for 1909 as compared with 1899. The increase in the value of building glass amounted to 53.9 per cent; that in the value of pressed and blown glass to 60.4 per cent; and that in the value of bottles and jars to 66.2 per cent. The *ton of 2,000 pounds* is used in showing quantities.

Table 86	1909	1904	1899	1909	1904	1899
PRINCIPAL MATERIALS.						
Total cost.....	\$32,119,499	\$26,145,522	\$16,731,009			
Glass sand, tons.....	1,004,056	769,792	581,720			
Soda ash (carbonate of soda), tons.....	373,764	215,402	157,779			
Salt cake (sulphate of soda), tons.....	76,540	53,905	35,257			
Nitrate of soda, tons.....	19,676	11,915	10,770			
Limestone, tons.....	156,377	113,655	91,015			
Lime, bushels.....	1,256,117	1,166,342	993,349			
Arsenic, pounds.....	3,140,720	2,676,650	2,349,261			
Carbon, tons.....	5,480	3,750	4,155			
Manganese, pounds.....	3,882,465	3,096,929	1,493,538			
Litharge and red lead, pounds.....	11,653,149	9,613,649	8,386,106			
Potash or pearlash, pounds.....	6,938,355	5,446,338	4,406,211			
Grinding sand, tons.....	706,689	410,856	265,438			
Rouge, pounds.....	1,383,182	1,098,566	897,536			
PRODUCTS.						
Total value.....	\$92,085,203	\$79,607,998	\$56,539,712			
Building glass.....	\$26,308,438	\$21,697,861	\$17,096,234			
Window						
50-foot boxes.....	6,921,611	4,852,315	4,341,282			
Value.....	\$11,742,959	\$11,610,851	\$10,879,355			
Plate						
Total cast, square feet.....	60,105,694	34,804,986	21,172,129			
Polished						
Square feet.....	47,370,254	27,293,138	16,883,578			
Value.....	\$12,304,875	\$7,978,253	\$5,168,598			
Rough, made for sale						
Square feet.....	205,690	17,784	628,684			
Value.....	\$37,431	\$3,529	\$75,887			
Cathedral						
Square feet.....	7,495,980	6,615,093	8,846,361			
Value.....	\$569,848	\$293,623	\$367,252			
PRODUCTS—continued.						
Building glass—Continued.						
Skylight						
Square feet.....	15,409,966	15,255,541	3,679,694			
Value.....	\$788,726	\$678,391	\$165,086			
All other.....	\$964,999	\$1,133,214	\$220,056			
Pressed and blown glass.....	\$27,398,445	\$21,956,158	\$17,076,125			
Tableware, 100 pieces.....	1,286,056	1,283,974	655,141			
Jellies, tumblers, and goblets, dozen.....	11,687,036	7,346,214	8,544,650			
Lamps, dozen.....	322,482	487,017	807,765			
Chimneys, dozen.....	6,632,967	7,039,756	6,931,192			
Lantern globes, dozen.....	952,020	1,765,247	1,044,816			
Globes and other electrical goods, dozen.....	11,738,798	1,901,415	(?)			
Shades, globes, and other gas goods, dozen.....	1,541,449	878,244	2,673,854			
Blown tumblers, stem ware, and bar goods, dozen.....	9,182,060	6,282,606	6,127,367			
Opal ware, dozen.....	3,065,668	1,091,208	3,750,443			
Cut ware, dozen.....	206,336	83,736	134,726			
Bottles and jars.....	\$36,018,333	\$33,631,063	\$21,676,791			
Prescriptions, vials, and druggists' wares, gross.....	3,624,022	3,202,586	2,423,932			
Beer, soda, and mineral, gross.....	2,345,204	2,351,852	1,351,118			
Liquors and flasks, gross.....	1,857,344	2,157,801	985,374			
Milk jars, gross.....	440,302	233,651	146,142			
Fruit jars, gross.....	1,124,485	1,061,829	789,298			
Battery jars and other electrical goods, gross.....	9,961	19,974	(?)			
Patent and proprietary, gross.....	1,637,798	1,657,372	1,296,131			
Packers and preservers, gross.....	1,237,175	1,237,065	784,688			
Demijohns and carboys, dozen.....	122,570	64,450	83,243			
All other products.....	\$2,369,987	\$2,322,916	\$660,562			

¹ In addition, 42,639 gross of bottles and jars, valued at \$90,490, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

² In addition, glassware to the value of \$9,663 was made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

³ Not reported.

Lime.¹—The total value of the lime reported as manufactured in 1909 was \$13,763,604 as compared with \$9,951,456 in 1904, an increase for the five-year period of 38.3 per cent. The quantity reported in 1909 was 3,467,523 tons (2,000 pounds), of which 1,904,202 tons was used for building or structural purposes; 591,792 tons for fertilizing; and the remainder in various manufacturing establishments, such as paper mills, tanneries, sugar factories, and alkali works. The value of all products reported by establishments engaged primarily in the manufacture of lime was \$17,951,987 in 1909 and \$14,751,170 in 1904.

VEHICLES FOR LAND TRANSPORTATION.

Under the above heading are given statistics for the manufacture of automobiles, bicycles, motorcycles, and carriages and wagons, and the construction of steam and electric railroad cars, and also for the operations of the construction and repair shops of railroads.

Automobiles.—The statistics for automobiles are presented in Table 87. Under "all other products" are included the products of establishments engaged

¹ The statistics differ from those published by the United States Geological Survey, which include Hawaii and Porto Rico.

in the manufacture of automobile bodies and parts, which are sold largely to automobile manufacturers, as well as the value of bodies and parts made and sold separately by automobile manufacturers. The total value of products for the industry thus involves considerable duplication. The growth of the automobile industry has been phenomenal. In 1899 the general statistics for the industry were included with those for carriage and wagon manufacture, and only 3,897 automobiles were reported. In 1904 the total number, including automobiles made by concerns classified under other industries, was 22,830, while in 1909 the number was 127,287, or nearly thirty-three times the number reported in 1899.

The value of all products of the industry proper was \$249,202,073 in 1909 and \$30,033,536 in 1904. Gasoline machines formed 95.1 per cent of the total number made in 1909 and 86.2 per cent in 1904. Of the total number manufactured in 1909, 3,226, or 2.5 per cent, were rated at 50 horsepower or more; 51,218, or 40.5 per cent, at from 30 to 49 horsepower; 35,257, or 27.8 per cent, at from 20 to 29 horsepower; 29,353, or 23.2 per cent, at from 10 to 19 horsepower; and 7,539, or 6 per cent, at less than 10 horsepower. Passenger vehicles constituted 97.4 per cent of the total number and business vehicles 2.6 per cent.

PRODUCT.	1909		1904	
	Number.	Value.	Number.	Value.
Total value		\$299,202,075 ¹		\$30,033,536 ²
Automobiles	126,593	164,269,324	21,692	23,751,234
Gasoline.....	120,293	153,721,153	18,699	19,567,514
Electric.....	3,826	7,259,430	1,425	2,496,225
Steam.....	2,374	3,480,241	1,568	1,688,038
Passenger vehicles (pleasure, family, and public conveyances)	123,338	159,039,301	21,281	22,804,287
Gasoline.....	117,033	149,539,232	18,504	19,300,654
Electric.....	3,331	6,028,828	1,211	1,819,335
Steam.....	2,374	3,480,241	1,566	1,684,033
Buggies.....	4,582	2,301,250	(?)	(?)
Gasoline.....	4,314	2,039,173	(?)	(?)
Electric.....	268	352,121	(?)	(?)
Runabouts	36,204	28,030,479	12,131	8,831,504
Gasoline.....	35,347	27,116,901	10,999	7,976,821
Electric.....	496	648,630	455	453,304
Steam.....	351	264,948	677	401,379
Touring cars	76,114	113,403,188	7,220	11,781,521
Gasoline.....	73,883	109,844,295	6,444	10,576,023
Electric.....	243	387,526	39	55,638
Steam.....	1,988	3,171,367	737	1,150,460
Closed (limousine, cabs, etc.)	5,205	12,729,304	(?)	(?)
Gasoline.....	3,290	8,762,708	(?)	(?)
Electric.....	1,915	3,966,536	(?)	(?)
All other (omnibuses, sight-seeing wagons, ambulances, patrol wagons, etc.)	1,233	2,485,080	1,930	2,191,262
Gasoline.....	796	1,177,193	1,001	1,169,514
Electric.....	409	674,015	717	1,311,253
Steam.....	25	43,826	152	132,199
Business vehicles (merchandise)	3,255	5,230,023	411	946,947
Gasoline.....	2,760	3,999,421	195	266,287
Electric.....	495	1,230,602	214	676,660
Steam.....	2	2	2	4,000
Delivery wagons	1,862	1,918,856	251	495,457
Gasoline.....	1,645	1,474,063	140	215,897
Electric.....	217	444,793	109	235,560
Steam.....	2	2	2	4,000
Trucks	1,366	3,165,512	160	491,490
Gasoline.....	1,090	2,384,703	55	50,390
Electric.....	276	780,899	105	441,100
All other	27	145,655	(?)	(?)
Gasoline.....	25	140,655	(?)	(?)
Electric.....	2	5,000	(?)	(?)
All other products, including bodies and parts		\$78,584,753		5,431,249
Amount received for custom work and repairing		6,347,998		851,053

¹ In addition, 694 automobiles, valued at \$830,080, and bodies and parts valued at \$4,415,266, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

² In addition, 1,138 automobiles, valued at \$879,205, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

³ Not reported separately.

⁴ None reported.

⁵ Includes custom work and repairing by establishments manufacturing bodies and parts.

Bicycles and motorcycles, and parts.—The following table presents the comparative statistics of products for the bicycle and motorcycle industry. It does not include children's bicycles and tricycles. A marked feature is the decline in the manufacture of bicycles and tricycles and the increase in the manufacture of motorcycles.

PRODUCT.	1909	1901	1899
Total value	\$10,698,567 ¹	\$5,153,240	\$3,915,908
Bicycles			
Number.....	168,824	225,309	1,112,880
Value.....	\$2,436,996	\$3,203,505	\$2,127,310
Tricycles	(?)	32	328
Number.....	(?)	32	328
Value.....	(?)	\$3,350	\$17,261
Motorcycles			
Number.....	18,628	2,300	160
Value.....	\$3,015,988	\$354,980	\$33,674
All other products, including parts	\$5,245,583	\$1,591,405	\$9,737,663

¹ In addition, the following products were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation: In 1909, 64,853 bicycles, valued at \$791,193, and other products, including parts, etc., valued at \$579,927; in 1901, 25,178 bicycles, valued at \$537,415; 26 motorcycles, valued at \$4,200; and other products, including parts, valued at \$34,341; and in 1899, 69,811 bicycles, valued at \$1,829,177, and other products valued at \$24,000.

² None reported.

The total value of products of the industry decreased from \$31,915,908 in 1899 to \$5,153,240 in 1904, but by 1909 it had risen again to \$10,698,567, or more than double the figures for 1904.

Carriages and wagons and materials.—The following table presents statistics for the manufacture of carriages and wagons, including under "All other products" the products of establishments engaged in the manufacture of carriage and wagon materials, but not including children's carriages and sleds. The total value of products increased from \$138,261,763 in 1899 to \$159,892,547 in 1909, or 15.6 per cent. The value of wagons increased \$8,852,172, or 28.5 per cent, though the number manufactured was very little larger in 1909 than in 1899. The carriages reported were both fewer in number and lower in value in 1909 than in 1899. Public conveyances also show a decrease in value, but a slight increase in number. In each of these three classes the decreases that appear for the decade as a whole have taken place entirely since 1904, in which year the numbers and values reported exceeded those for 1899. The decreases are presumably due to the growth of the automobile industry.

PRODUCT.	1909	1904	1899
Total value	\$159,892,547 ¹	\$158,866,649 ²	\$138,261,763
Carriages (family and pleasure):			
Number.....	828,411	937,409	904,639
Value.....	\$47,756,118	\$53,750,276	\$51,235,393
Wagons:			
Number.....	587,685	643,755	570,428
Value.....	\$39,932,910	\$37,195,230	\$31,080,738
Farms:			
Number.....	154,631	133,422	(?)
Value.....	\$16,440,816	(?)	(?)
Government, municipal, etc.—			
Number.....	429,952	505,025	(?)
Value.....	\$22,615,875	(?)	(?)
Public conveyances (cabs, hacks, hansoms, hotel coaches, omnibuses, etc.)			
Number.....	2,243	2,711	2,218
Value.....	\$939,267	\$1,314,952	\$1,114,050
Sleighs and sleds:			
Number.....	100,899	127,455	117,006
Value.....	\$2,065,850	\$2,694,560	\$2,290,903
Automobiles:			
Number.....	544	199	174
Value.....	\$569,119	\$235,675	\$129,053
All other products, including parts, and amount received for repair work	\$18,629,283	\$58,678,156	\$52,351,586

¹ In addition, 14,908 carriages, valued at \$1,078,935; 42,112 wagons, valued at \$2,093,288; 104 public conveyances, valued at \$3,615; 8,209 sleighs and sleds, valued at \$165,917; and parts and materials, valued at \$1,184,256, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

² In addition, carriages and wagons, valued at \$612,173, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

³ Not reported separately.

⁴ Automobiles manufactured in establishments devoted primarily to the manufacture of carriages and wagons.

Cars and general shop construction and repairs by steam-railroad companies.—Table 90 presents statistics of the work done by construction and repair shops operated by steam-railroad companies, not including roundhouses where running repairs are made. The total value of such work was \$405,600,727 in 1909 and \$218,238,277 in 1899, the rate of increase

for the decade being 85.9 per cent. Most of the value represents that of repairs, comparatively little representing new construction.

	1909	1904	1899 ¹
Total value	\$405,600,727	\$309,775,089	\$218,238,277
Motive power and machinery department.....	\$184,971,870	\$149,643,953	\$94,447,260
Locomotives built:.....			
Number.....	215	148	272
Value.....	\$3,289,140	\$1,853,939	\$3,276,393
Repairs to locomotives, motors, etc.....	\$127,928,773	\$101,326,805	\$57,383,143
Work for other corporations.....	\$4,735,004	\$5,081,307	\$3,338,589
All other products or work.....	\$49,018,953	\$49,781,902	\$30,449,135
Car department.....	\$109,768,939	\$149,748,820	\$118,376,552
Cars built.....	\$13,326,171	\$12,990,011	\$16,521,352
Passenger.....			
Number.....	218	414	390
Value.....	\$1,291,354	\$2,337,977	\$1,441,733
Freight—.....			
Number.....	13,972	14,742	26,543
Value.....	\$11,767,664	\$10,006,642	\$15,079,619
Other—.....			
Number.....	359	2,000	(?)
Value.....	\$367,153	\$455,392	(?)
Repairs to cars of all kinds.....	\$147,194,065	\$105,319,032	\$74,665,500
Work for other corporations.....	\$8,784,239	\$6,946,990	\$7,084,857
All other products or work.....	\$30,464,464	\$24,492,787	\$20,104,433
Bridge and building departments (shopwork).....	\$2,799,898	\$5,096,141	\$5,414,465
Repairs and renewals.....	\$1,906,737	\$4,351,487	\$3,967,170
Work for other corporations.....	\$46,496	\$40,581	\$241,026
All other products or work.....	\$846,665	\$704,073	\$1,205,959
All other products and work, not classified.....	\$18,060,020	\$5,286,175	(?)

¹ Includes Alaska.

² None reported.

Cars and general shop construction and repairs by street-railroad companies.—The following table presents statistics of the operations of the construction and repair shops of street-railroad companies, including all electric systems and interurban electric lines—all railroads, in fact, except steam roads. The work done, which consists almost wholly of repairs, was not reported in detail in 1899, but its aggregate value in that year was \$9,370,811, as compared with \$13,437,121 in 1904 and \$31,962,561 in 1909, an increase for the decade of 241.1 per cent.

	1909	1904
Total value	\$31,962,561	\$13,437,121
Motive power and machinery department.....	\$4,510,332	\$510,946
Repairs to motors, etc.....	\$4,004,336	
Work for other corporations.....	888,070	\$2,626
All other products or work.....	\$1,417,926	\$508,320
Car department.....	\$25,835,463	\$12,581,365
Cars built.....	\$926,752	\$605,144
Passenger.....		
Number.....	129	288
Value.....	\$498,709	\$580,669
Freight—.....		
Number.....	63	13
Value.....	\$59,102	\$11,366
Other—.....		
Number.....	51	9
Value.....	\$68,941	\$13,109
Repairs to cars of all kinds.....	\$22,869,777	\$11,254,505
Work for other corporations.....	\$624,405	\$36,714
All other products or work.....	\$1,714,129	\$685,082
Bridge and building department (shopwork).....	\$330,948	\$327,855
Repairs and renewals.....	\$273,581	\$253,133
Work for other corporations.....	\$5,063	
All other products or work.....	\$52,274	\$74,722
All other products and work not classified.....	\$1,285,818	\$16,955

¹ Includes value of three electric locomotives.

Cars, steam-railroad.—The statistics of establishments constructing steam-railroad cars given in the

following table do not include the work of steam-railroad companies in their repair shops or that of concerns primarily engaged in the construction of street cars. The total value of products of this industry was \$123,729,627 in 1909, as compared with \$90,510,180 in 1899, an increase for the decade of 36.7 per cent. The freight cars made in 1909 were fewer in number and lower in aggregate value than those made in either 1904 or 1899, and the cars for passenger service made in 1909 were fewer in number and lower in aggregate value than those made in 1904. In fact, while there are a number of classes of products, such as passenger cars (day coaches) and ore cars, which show an increase in number and value for the five-year period 1904–1909, the increase in value for the total is more than covered by the increase in the value of “all other products.”

	1909	1904	1899
Total value	\$123,729,627	\$111,175,310	\$90,510,180
Steam-railroad cars.....			
Passenger service—.....			
Total number.....	1,601	2,030	979
Value.....	\$13,829,667	\$18,140,293	\$7,368,299
Baggage and express—.....			
Number.....	216	199	72
Value.....	\$1,105,779	\$896,185	\$238,554
Mail—.....			
Number.....	95	95	42
Value.....	\$600,912	\$576,230	\$197,465
Passenger—.....			
Number.....	957	428	331
Chair, dining and buffet, parlor, sleeping, and all other—.....	\$7,209,425	\$2,955,517	\$1,975,469
Number.....	333	1,308	534
Value.....	\$4,913,491	\$13,712,361	\$4,956,811
Freight service—.....			
Total number.....	73,177	100,616	116,590
Value.....	\$61,691,825	\$69,148,955	\$62,161,013
Box—.....			
Number.....	29,728	38,184	47,838
Value.....	\$23,982,446	\$28,508,632	\$26,662,893
Coal and coke.....			
Number.....	11,473	27,998	28,857
Value.....	\$9,419,655	\$21,367,218	\$18,414,718
Flax.....			
Number.....	3,232	5,412	4,525
Value.....	\$2,033,801	\$2,893,154	\$1,923,525
Fruit.....			
Number.....	900	2,840	1,620
Value.....	\$784,476	\$1,727,771	\$665,354
Furture—.....			
Number.....	90	801	1,717
Value.....	\$70,515	\$505,000	\$1,148,265
Gondola or ore.....			
Number.....	19,607	9,518	11,821
Value.....	\$18,128,186	\$5,518,084	\$6,873,145
Refrigerator—.....			
Number.....	2,618	3,353	2,354
Value.....	\$2,747,957	\$3,042,835	\$1,956,097
Stock.....			
Number.....	2,349	4,235	2,760
Value.....	\$1,586,008	\$2,453,123	\$1,426,800
Caboose—.....			
Number.....	537	169	193
Value.....	\$325,005	\$150,977	\$184,865
Other—.....			
Number.....	2,643	8,115	14,905
Value.....	\$2,413,176	\$2,982,161	\$3,005,351
Street-railroad cars.....			
Number.....	603	603	935
Value.....	\$2,023,922	\$994,654	\$1,090,854
Passenger—.....			
Number.....	558	331	902
Value.....	\$1,903,317	\$930,791	\$1,062,172
Other—.....			
Number.....	45	87	33
Value.....	\$120,605	\$63,863	\$28,682
All other products.....	\$46,184,273	\$22,891,408	\$19,890,014

¹ In addition, 8,977 cars, valued at \$5,921,871, and parts and repairs to the value of \$210,487, were reported by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

² In addition to 2,341 cars, valued at \$146,830, and parts and repairs to the value of \$101,073, were reported by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

Cars, street-railroad.—The following table presenting comparative statistics of products for establishments constructing street or electric railroad cars does not include cars made in the shops of railroad companies or by concerns primarily engaged in making steam-railroad cars. In 1899 the value of all products was \$7,305,368 and in 1909 only \$7,809,866, a slight increase thus being shown for the decade. The value of products in 1904, however, exceeded that in 1909. The decrease in the construction of open cars since 1904 is especially marked.

Table 93	PRODUCT.	1909	1901
	Total value	\$7,809,866	\$10,844,196
Electric-railroad cars:			
	Number.....	1,922	3,966
	Value.....	\$1,602,455	\$8,302,512
Closed—			
	Number.....	1,323	2,621
	Value.....	\$3,500,781	\$5,777,257
Combination—			
	Number.....	369	502
	Value.....	\$704,309	\$1,240,864
Open—			
	Number.....	95	554
	Value.....	\$141,008	\$860,349
Freight, express, and mail—			
	Number.....	92	16
	Value.....	\$179,253	\$24,022
Other varieties—			
	Number.....	43	273
	Value.....	\$77,044	\$400,020
Steam-railroad cars:			
Freight service, all classes—			
	Number.....	167	136
	Value.....	\$111,513	\$59,663
All other products.....		\$3,095,618	\$2,452,021

¹ Products were not shown in detail for 1899: the total value was \$7,305,368.

² In addition, 107 cars, valued at \$2,033,922, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

³ In addition, 418 cars, valued at \$994,654, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

⁴ Includes 38 horse cars, valued at \$29,182.

Summary for railroad cars.—The following table assembles the statistics of all railroad cars constructed, including those made in establishments not engaged primarily in the construction of railroad cars:

Table 94	PRODUCT.	1909	1904	1899
	Total value	\$102,137,396	\$110,249,822	
Steam-railroad cars		\$94,574,287	\$100,346,912	\$86,050,664
Passenger service—				
	Number.....	1,819	2,446	1,369
	Value.....	\$15,120,961	\$20,486,200	\$8,810,032
Freight service ¹ —				
	Number.....	96,648	117,494	143,133
	Value.....	\$79,753,326	\$79,860,652	\$77,240,632
Street-railroad cars: ²				
	Number.....	2,772	4,694	(³)
	Value.....	\$7,263,109	\$9,902,310	(⁴)

¹ Including all service not passenger. ² Chiefly electric.

³ Not reported separately; the total value of products of establishments engaged primarily in the construction of street-railroad cars amounted to \$7,305,368.

MISCELLANEOUS INDUSTRIES.

Statistics for all industries that can not properly be classified with any of the groups before presented, on account of the character either of the products or of the raw materials used, are given under the above head.

Agricultural implements.—Table 95 presents comparative statistics of the production of agricultural implements. The value of all products increased from \$101,207,428 in 1899 to \$146,329,268 in 1909, or 44.6

per cent. This includes the value of miscellaneous agricultural implements and parts not classifiable under either of the four groups shown separately and of a large number of products not distinctively agricultural, but made by manufacturers of agricultural implements, such as windmills, carriages and wagons, engines, presses, castings, lawn swings, etc. In 1909 the aggregate value of the four groups of agricultural implements—seeders and planters, implements of cultivation, harvesting implements, and separators—was \$94,524,494, compared with \$79,335,400 in 1904, an increase of 19.1 per cent.

Table 95	PRODUCT.	1909	1904	1899
	Total value	\$146,329,268	\$112,007,344	\$101,207,428
Implements of cultivation.....		\$35,246,030	\$30,607,900	\$67,900
Seeders and planters.....		\$18,079,921	\$11,229,122	\$18,079,921
Harvesting implements.....		\$34,505,311	\$30,862,435	\$38,010,506
Seed separators.....		\$11,030,412	\$6,639,883	
All other products.....		\$48,090,082	\$30,703,048	
Amount received for repair work.....		\$3,114,692	\$1,968,296	\$3,106,922
<i>Principal kind of implements, by number.</i>				
Implements of cultivation:				
Cultivators—				
Beet.....		3,172	3,459	2,008
Small.....		469,695	239,173	207,171
Wheeled.....		435,429	313,088	236,759
Cotton scrapers.....		20,180	22,519	15,230
Harrow—				
Disk.....		163,000	104,323	97,261
Spring-tooth.....		112,832	86,405	
Spike-tooth.....		394,988	262,442	380,259
Plow—				
Disk.....		22,132	39,146	17,345
Gang.....		91,686	(¹)	(²)
Shovel.....		254,737	121,899	102,320
Steam.....		2,355	1,599	207
Sulky or wheel.....		134,936	138,899	136,105
Walking.....		1,110,006	986,898	819,022
Seeders and planters:				
Seeders—				
Broadest.....		38,007	33,546	36,862
Combination.....		23,963		
Corn planters—				
Hand.....		96,465	86,553	129,515
Horse.....		122,789	90,929	78,335
Listers.....		44,840	23,012	26,995
Cotton planters.....		79,271	127,052	45,575
Potato planters.....		23,092	35,756	25,338
Drills—				
Corn.....		20,137	28,228	21,940
Disk.....		21,292	(¹)	(²)
Grain.....		68,611	76,929	91,635
All other.....		32,507	606	5,302
Seed sowers.....		7,847	59,910	83,283
Harvesting implements:				
Grain cradles.....		22,635	30,056	36,163
Harvesters—				
Beet.....		1,409	665	1,425
Corn.....		19,693	6,924	20,707
Grain.....		129,274	108,810	233,542
Harvesters and thrashers combined.....		543	(¹)	(²)
Other.....		1,707	3,161	6,283
Hay carriers.....		45,064	85,121	54,303
Hayforks, horse.....		43,675	62,801	51,770
Hay loaders.....		34,705	27,174	7,273
Hayrakes, horse.....		266,240	236,247	216,345
Haystackers.....		17,212	8,670	12,069
Hay tadders.....		34,396	35,745	14,510
Mowers.....		359,264	273,383	308,616
Potato diggers, horse.....		25,632	11,703	(³)
Reapers.....		58,294	60,996	35,945
Seed separators:				
Clover hullers.....		437	351	661
Corn huskers.....		372	1,327	10,726
Corn huskers and shredders.....		1,240		
Corn shellers—				
Hand.....		74,223	47,189	106,381
Power.....		9,049	6,082	8,185
Fanning mills.....		33,805	22,994	80,369
Thrashers—				
Horse-power.....		622	2,237	1,314
Steam-power.....		23,556	7,850	3,651

¹ In addition, agricultural implements, to the value of \$2,939,276, in 1909, and to the value of \$1,349,679, in 1904, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

² Not reported separately.

Electrical machinery, apparatus, and supplies.—Table 96 summarizes the statistics of the output of electrical machinery, apparatus, and supplies, and

includes figures for such products made by establishments engaged primarily in the manufacture of other products, as well as for all products of establishments engaged primarily in the manufacture of electrical machinery, apparatus, and supplies. The value of all products was \$243,965,093 in 1909, as compared with \$105,831,865 in 1899, an increase for the decade of 130.5 per cent. Among the leading groups the highest rate of increase is for incandescent lamps, the value of which was \$3,515,118 in 1899 and \$15,714,809 in 1909.

Table 96	PRODUCT.	1909	1904	1899
	Total value.....	\$243,965,093	\$159,551,402	\$105,831,865
Dynamos:	Number.....	16,791	15,080	10,527
	Kilowatt capacity.....	1,405,650	996,182	578,124
	Value.....	\$13,051,048	\$11,084,234	\$10,472,376
Dynamotors, motor generators, boosters, rotary converters, and double current generators.....		\$4,154,733	\$1,740,534	\$379,747
Transformers.....		\$8,801,019	\$4,468,507	\$2,362,871
Switchboards, panel boards, and cut-out cabinets.....		\$5,971,904	\$3,766,044	\$1,846,624
Motors:	Total number.....	504,030	206,343	159,780
	Horsepower.....	2,733,418	1,493,012	1,221,482
	Value.....	\$32,057,482	\$22,370,626	\$19,503,504
For power—	Number.....	243,423	79,877	35,604
	Horsepower.....	1,683,677	676,910	515,705
	Value.....	\$18,306,451	\$13,120,948	\$7,551,480
For automobiles—	Number.....	2,796	1,519	3,017
	Horsepower.....	12,471	19,907	8,220
	Value.....	\$294,152	\$152,685	\$192,030
For fans—	Number.....	199,113	102,535	97,577
	Horsepower.....	178,033	30,796	12,766
	Value.....	\$2,450,739	\$1,168,254	\$1,055,369
For elevators—	Number.....	4,988	1,333	385
	Horsepower.....	63,585	15,398	6,730
	Value.....	\$1,188,653	\$638,473	\$2,523,901
For railways, and miscellaneous services, including value of parts and supplies—	Number.....	53,710	20,779	23,197
	Horsepower.....	795,652	750,001	678,061
	Value.....	\$9,847,487	\$7,200,266	\$8,188,724
Storage batteries, including value of parts and supplies:				
Weight of plates in pounds.....		23,119,331	16,113,073	(*)
Value.....		\$4,678,209	\$2,645,749	\$2,559,601
Primary batteries, including value of parts and supplies:				
Number.....		34,333,531	6,623,162	2,654,765
Value.....		\$5,934,261	\$1,896,144	\$1,119,444
Are lamps:	Number.....	123,985	195,157	158,187
	Value.....	\$1,706,959	\$1,574,422	\$1,827,771
Searchlights, projectors, and focusing lamps.....		\$935,874	\$114,795	\$225,634
Incandescent lamps:				
Carbon filament.....		\$15,714,809	\$6,963,205	\$3,515,118
Tungsten.....		\$6,157,066		
Gem, tantalum, glower, and vacuum and vapor lamps.....		\$6,241,133	\$6,703,454	\$3,442,183
Decorative and miniature lamps, X-ray bulbs, vacuum tubes, etc.....		\$600,619	\$249,751	\$72,935
Sockets, receptacles, bases, etc.....		\$4,521,729	\$2,010,860	\$509,929
Electric-lighting fixtures of all kinds.....		\$6,128,282	\$3,294,666	\$3,750,670
Telegraph apparatus.....		\$1,957,432	\$1,111,194	\$1,642,266
Telephone apparatus.....		\$14,259,357	\$15,863,698	\$10,512,412
Insulated wires and cables.....		\$51,624,727	\$34,519,699	\$21,292,601
Electric conduits.....		\$5,098,264	\$2,416,245	\$1,066,163
Annunciators—domestic, hotel, and office.....		\$235,567	\$185,870	\$224,885
Electric clocks and time mechanisms.....		\$352,513	\$373,826	\$132,149
Fuses.....		\$1,001,719	\$868,079	\$595,497
Lightning arresters.....		\$840,171	\$387,124	
Rheostats and resistances.....		\$2,674,963	\$923,925	
Heating, cooking, and welding apparatus.....		\$1,003,038	\$395,827	\$1,186,878
Electric flatirons.....		\$951,074		
Electric measuring instruments.....		\$7,800,010	\$5,004,763	\$1,842,135
Electrical therapeutic apparatus.....		\$1,107,858	\$1,036,962	(*)
Magneto-ignition apparatus, sparks, coils, etc.....		\$6,092,343	\$673,077	(*)
Electric switches, signals, and attachments.....		\$5,377,843	\$1,451,327	\$1,129,891
Circuit fittings of all kinds.....		\$1,080,287	\$3,525,446	(*)
All other products.....		\$39,601,708	\$28,978,444	\$17,448,008

* Includes values of electrical machinery, apparatus, and supplies made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, as follows: 1909, \$22,656,530; 1904, \$18,742,033; and 1899, \$13,397,430.

† Not reported separately.

Ice, manufactured.—Table 97 includes the product of all establishments engaged primarily in manufacturing ice for sale, but does not include establishments making ice for their own use. Ice made for sale by establishments engaged chiefly in some other business, such as breweries, is reported in a footnote.

The value of all products of the industry proper increased from \$13,874,513 in 1899 to \$42,953,055 in 1909, or 209.6 per cent. The quantity of ice produced increased at about the same rate, and amounted to 12,647,949 tons in 1909.

Table 97		1909	1904	1899
	MATERIALS.			
Ammonia used.....		\$1,021,913	\$613,138	\$359,549
Compressor system—				
Anhydrous.....		3,907,191	1,944,266	946,666
Founds.....		\$626,222	\$493,524	\$249,838
Absorption system—				
Anhydrous.....		369,097	136,604	109,805
Founds.....		\$100,283	\$37,506	\$29,842
Cost.....				
Aqua—				
Founds.....		1,670,698	1,347,561	1,323,454
Cost.....		908,408	\$82,108	\$79,809
	PRODUCTS.			
Ice:	Total value.....	\$42,953,055	\$23,790,045	\$13,874,513
	Tons (2,000 pounds).....	12,647,949	7,199,448	4,294,439
Value (2,000 pounds).....		\$39,889,263	\$22,450,503	\$13,303,574
Cost.....				
Tons (2,000 pounds).....		11,671,547	6,695,789	4,139,764
Value (2,000 pounds).....		\$37,085,533	\$21,020,547	\$12,863,160
Cost.....				
Tons (2,000 pounds).....		976,402	503,656	154,675
Value (2,000 pounds).....		\$2,863,730	\$1,429,959	\$440,714
Cost.....				
All other products.....		\$3,063,792	\$1,339,542	\$570,639

* Includes 148,373 pounds of aqua ammonia, costing \$5,755.

† In addition, in 1909, 1,582,259 tons of ice, valued at \$4,249,790, and in 1904, 814,889 tons, valued at \$1,889,912, were produced by establishments engaged primarily in the manufacture of products other than ice.

‡ Includes, for purposes of comparison, products valued at \$93,535, not included in the general tables for this industry at census of 1900.

Lumber and timber products.—Beginning with 1906 an annual canvass of forest products has been made by the Bureau of the Census in cooperation with the Forest Service of the Department of Agriculture. The statistics for the year 1909 given in the following table are compiled from this annual report; those for 1904 and 1899 are from the regular census reports.

The totals for 1909 include statistics for some small neighborhood mills sawing chiefly or exclusively for local consumption, also a relatively small number of establishments using logs or bolts as material and engaged primarily in the manufacture of products other than those covered by the classified lumber and timber products industry, which classes are not represented in the totals for the other two years. Detailed statistics for the lumber and other forest-products industries will be found in the several annual reports published by the Bureau of the Census. The figures given in Table 98 can not be compared with those given in Table 110 because in the latter table the statistics cover not only the products of the sawmills, shingle and lath mills, but also the products of planing mills operated independently of sawmills, logging camps, veneer mills, and box factories.

Table 98	PRODUCT.	1909	1904	1899
	Total value	\$724,705,760	\$465,153,862	\$414,058,487
Lumber:				
	Total quantity (M feet, board measure).....	44,509,761	34,135,139	135,084,166
	Total value.....	\$684,479,859	\$435,708,084	\$390,489,873
	<i>Softwoods</i> —			
	Quantity.....	33,896,959	27,353,312	26,153,063
	Value.....	\$477,345,046	\$319,835,746	\$268,381,112
	Yellow pine—			
	Quantity.....	16,277,185	11,521,781	9,558,548
	Value.....	\$206,305,297	\$114,786,000	\$81,740,300
	Western pine—			
	Quantity.....	1,499,985	1,290,526	944,560
	Value.....	\$23,077,834	\$14,586,149	\$9,163,256
	White pine—			
	Quantity.....	3,900,034	5,332,704	7,742,391
	Value.....	\$70,830,131	\$79,594,717	\$98,002,555
	Douglas fir—			
	Quantity.....	4,856,378	2,928,409	1,736,507
	Value.....	\$60,455,793	\$27,862,228	\$15,050,838
	Hemlock—			
	Quantity.....	3,051,399	3,268,787	3,420,673
	Value.....	\$12,580,800	\$38,138,154	\$34,136,892
	Spruce—			
	Quantity.....	1,748,547	1,303,886	1,448,091
	Value.....	\$29,861,315	\$18,289,327	\$16,322,669
	Cypress—			
	Quantity.....	955,635	749,592	495,836
	Value.....	\$19,549,741	\$13,115,339	\$6,604,495
	Redwood—			
	Quantity.....	521,690	519,267	360,167
	Value.....	\$7,720,124	\$6,661,499	\$3,645,808
	Cedar—			
	Quantity.....	346,008	223,035	232,978
	Value.....	\$6,901,948	\$3,201,331	\$2,542,818
	All other—			
	Quantity.....	740,158	215,235	113,312
	Value.....	\$10,182,043	\$2,806,402	\$1,271,884
	<i>Hardwoods</i> —			
	Quantity.....	10,612,802	6,781,827	8,634,021
	Value.....	\$207,134,813	\$116,872,338	\$116,817,192
	Oak—			
	Quantity.....	4,414,457	2,902,855	4,438,027
	Value.....	\$90,512,069	\$50,832,308	\$61,174,129
	Maple—			
	Quantity.....	1,106,604	587,558	678,466
	Value.....	\$17,447,814	\$8,780,727	\$7,495,052
	Red gum—			
	Quantity.....	706,945	523,990	285,417
	Value.....	\$9,334,268	\$5,693,555	\$2,747,080
	Chestnut—			
	Quantity.....	663,891	243,537	206,688
	Value.....	\$10,703,130	\$3,356,054	\$2,764,089
	Birch—			
	Quantity.....	452,370	224,099	132,601
	Value.....	\$7,666,185	\$3,459,501	\$1,657,021
	Basswood—			
	Quantity.....	399,151	228,041	308,069
	Value.....	\$7,781,563	\$3,845,885	\$3,984,625
	Elm—			
	Quantity.....	347,456	258,330	456,731
	Value.....	\$6,088,098	\$3,732,609	\$5,240,530
	Cottonwood—			
	Quantity.....	265,600	321,574	415,124
	Value.....	\$4,794,424	\$4,797,779	\$4,308,544
	Ash—			
	Quantity.....	291,209	169,178	269,120
	Value.....	\$7,116,089	\$3,174,861	\$4,263,599
	Hickory—			
	Quantity.....	333,929	106,824	96,636
	Value.....	\$10,283,776	\$2,557,601	\$1,814,500
	Walnut—			
	Quantity.....	46,108	31,455	38,681
	Value.....	\$1,972,835	\$1,435,509	\$1,411,611
	Sycamore—			
	Quantity.....	56,511	18,002	29,715
	Value.....	\$834,612	\$236,856	\$327,933
	All other—			
	Quantity.....	1,628,571	1,166,474	1,323,746
	Value.....	\$32,599,949	\$23,969,068	\$19,662,279
	Lath:			
	Quantity (thousands).....	3,703,185	2,647,847	2,523,998
	Value.....	\$9,863,439	\$5,435,968	\$4,698,909
	Shingles:			
	Quantity (thousands).....	14,907,377	14,547,477	12,102,017
	Value.....	\$30,262,462	\$24,009,610	\$18,869,705

¹ Includes 297,082 M feet of lumber, board measure, valued at \$5,191,569, reported as "other sawed products," and not by kinds of wood.

Pianos and organs and materials.—Table 99 includes the statistics for pianos and organs, and materials therefor, but does not include the products of establishments engaged primarily in the manufacture of other musical instruments. The value of all products increased from \$41,024,244 in 1899 to \$89,789,544 in 1909, or 118.9 per cent, the increase being almost

wholly in the value of pianos and player attachments for pianos. A marked feature is the gain in the number of pianos with player attachments manufactured, the output of which increased during the period 1904 to 1909 from 1,868 to 34,495, or seventeen fold. A large decrease occurred between 1904 and 1909 in the number of reed organs made.

Table 99	PRODUCT.	1909	1904	1899
	Total value	\$89,789,544	\$66,092,630	\$41,024,244
Pianos:				
	Number.....	374,154	261,197	171,011
	Value.....	\$59,501,225	\$41,476,479	\$27,002,852
Upright—				
	Number.....	365,413	253,825	166,760
	Value.....	\$35,492,556	\$37,815,056	\$25,301,432
	Without player attachment—			
	Number.....	330,918	231,957	166,536
	Value.....	\$46,187,555	\$37,397,674	\$25,256,687
	For or with player attachment—			
	Number.....	34,495	1,868	224
	Value.....	\$9,275,901	\$417,382	\$44,745
	Grand—			
	Number.....	8,741	7,372	4,251
	Value.....	\$4,038,669	\$3,661,423	\$1,701,420
Player attachments made separate from pianos—				
	Number.....	10,808	20,391	6,158
	Value.....	\$1,474,630	\$2,004,266	\$607,873
Organs:				
	Number.....	65,335	113,966	107,258
	Value.....	\$5,309,016	\$6,152,032	\$5,217,261
Pipe—				
	Number.....	1,224	601	564
	Value.....	\$2,713,587	\$1,989,979	\$1,177,021
Reed—				
	Number.....	64,111	113,065	106,604
	Value.....	\$2,585,429	\$4,162,053	\$4,040,240
Parts and materials				
All other products.....		\$20,417,762	\$12,626,892	\$8,198,258
		\$3,066,911	\$3,832,961	

¹ In addition, in 1909, parts and materials to the value of \$680,188; in 1904, 1,695 organs, valued at \$149,114; and in 1899, 250 pianos, valued at \$37,610; and 1,144 organs, valued at \$59,508, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

² Includes a few pianos with player attachments.

Paper and wood pulp.—Table 100 includes statistics for all establishments engaged in the manufacture of wood pulp and in the manufacture of paper, either separately or in conjunction. The total production of wood pulp in 1909 was 2,495,523 tons; in 1904, 1,921,768 tons; and in 1899, 1,179,535 tons. The percentage of increase for the decade was 111.6. Sulphite fiber shows the highest rate of increase, 144.6 per cent. An increasing proportion of the wood pulp is made by establishments which themselves consume it in making paper; in 1909, 63.5 per cent was so consumed by the establishments making it.

The value of all products, which includes some duplication, increased from \$127,326,162 in 1899 to \$267,656,964 in 1909, or 110.2 per cent. The output of paper products increased from 2,167,593 tons in 1899 to 4,216,708 tons in 1909, or 94.5 per cent, and their value from \$107,909,046 to \$232,741,049, or 115.7 per cent. Paper stock used for which quantities are reported aggregated 4,588,160 tons in 1909, of which wood pulp formed 61.6 per cent; old and waste paper, 21.4 per cent; rags, 7.8 per cent; straw, 6.6 per cent; and manila stock, 2.6 per cent. The ton of 2,000 pounds is used for showing quantities.

Table 100	1909	1904	1899	1909	1904	1899
MATERIALS.			PRODUCTS—continued.			
Total cost.....	\$165,442,241	\$111,251,478	\$70,530,236	Wrapping paper—Continued.		
Pulp wood.....	\$33,772,475	\$20,800,871	\$9,837,516	Bogus or wood manilla, all grades—		
Wood pulp, purchased:				Tons..... 367,932		
Tons.....	1,241,914	877,702	644,066	Value..... \$19,777,707		
Cost.....	\$43,861,357	\$27,633,164	\$18,369,464	All other.....		
Ground—				Tons..... 179,855		
Tons.....	452,849	271,286	261,962	Value..... \$10,202,035		
Cost.....	\$9,487,508	\$5,754,259	\$4,361,211	Boards:		
Soda fiber—				Wood pulp—		
Tons.....	154,626	120,978	94,042	Tons..... 71,036		
Cost.....	\$6,802,894	\$5,047,105	\$3,430,809	Value..... \$2,639,496		
Sulphite fiber—				Straw.....		
Tons.....	626,029	433,160	273,194	Tons..... 171,789		
Cost.....	\$27,184,726	\$16,567,122	\$10,112,189	Value..... \$3,750,851		
Other chemical fiber—				News—		
Tons.....	8,410	6,278	14,808	Tons..... 74,606		
Cost.....	\$326,259	\$264,678	\$165,255	Value..... \$2,215,409		
Rags, including cotton and flax waste and sweepings:				All other—		
Tons.....	357,470	294,552	234,514	Tons..... 514,208		
Cost.....	\$10,721,559	\$8,864,607	\$6,595,427	Value..... \$17,539,768		
Old and waste paper:				Other paper products:		
Tons.....	983,882	588,543	356,103	Tissues—		
Cost.....	\$13,691,120	\$7,430,335	\$4,869,409	Tons..... 77,745		
Manila stock, including jute bagging, rope, waste, threads, etc.:				Value..... \$8,553,654		
Tons.....	117,080	107,029	99,301	Blotting—		
Cost.....	\$3,560,033	\$2,302,332	\$2,437,256	Tons..... 9,577		
Straw:				Value..... \$1,186,180		
Tons.....	302,137	304,585	367,205	Buildings, roofing, asbestos, and sheathing—		
Cost.....	\$1,460,282	\$1,502,886	\$1,398,659	Tons..... 225,821		
All other materials.....	\$58,375,515	\$42,517,283	\$27,025,505	Value..... \$9,251,368		
PRODUCTS.			Miscellaneous—			
Total value.....	\$267,656,964	\$183,715,189	\$127,326,162	Tons..... 96,577		
News paper:				Value..... \$6,869,109		
In rolls for printing—				Wood pulp made for sale or for consumption in mills other than where produced:		
Tons.....	1,091,017	840,802	454,572	Ground—		
Value.....	\$42,807,064	\$32,763,308	\$15,754,992	Tons..... 310,747		
In sheets for printing—				Value..... \$5,649,466		
Tons.....	84,537	72,029	114,640	Soda fiber—		
Value.....	\$4,048,496	\$3,143,152	\$4,336,882	Tons..... 155,844		
Book paper:				Value..... \$6,572,152		
Book—				Sulphite fiber—		
Tons.....	575,616	434,500	282,093	Tons..... 444,255		
Value.....	\$42,846,674	\$31,156,728	\$19,466,804	Value..... \$17,955,748		
Coated—				All other products.....		
Tons.....	95,213	(?)	(?)	Wood pulp.....		
Value.....	\$9,413,961	(?)	(?)	Quantity produced (including that used in mills where manufactured), total tons.....		
Plate, lithograph, map, wood-cut, etc.—				Ground, tons..... 2,430,323		
Tons.....	6,498	19,337	22,366	Soda fiber, tons..... 1,179,266		
Value.....	\$555,352	\$1,458,343	\$2,018,958	Sulphite fiber, tons..... 298,626		
Cover—				Total number..... 1,017,631		
Tons.....	17,578	22,150	18,749	Paper machines:		
Value.....	\$1,982,853	\$2,023,986	\$1,665,376	Total number..... 1,480		
Cardboard, Bristol board, card middles, tickets, etc.—				Capacity, yearly, tons..... 5,293,397		
Tons.....	51,449	39,060	28,494	Fourdriner—		
Value.....	\$3,352,151	\$2,764,444	\$1,719,813	Number..... 804		
Fine paper:				Capacity per 24 hours, tons..... 10,508		
Writing—				Cylinder—		
Tons.....	169,125	131,934	90,204	Number..... 676		
Value.....	\$24,966,102	\$19,321,045	\$12,222,870	Capacity per 24 hours, tons..... 6,316		
All other—				Pulp:		
Tons.....	29,088	14,898	22,503	Grinders, number..... 1,435		
Value.....	\$4,110,536	\$2,928,125	\$3,673,104	Digesters, total number..... 542		
Wrapping paper:				Sulphite fiber, number..... 348		
Manila (rope, jute, tag, etc.)—				Soda fiber, number..... 194		
Tons.....	73,731	86,826	89,419	Capacity, yearly, tons of pulp..... 3,405,621		
Value.....	\$6,989,436	\$6,136,080	\$5,929,764	Ground, tons..... 1,809,685		
Heavy (mill wrappers, etc.)—				Sulphite, tons..... 1,250,983		
Tons.....	108,561	96,992	82,875	Soda, tons..... 244,853		
Value.....	\$4,380,794	\$4,035,588	\$4,143,240	Total value..... \$11,725,996		
Straw—				Phonographs and graphophones:		
Tons.....	32,988	54,232	91,794	Number..... 344,681		
Value.....	\$870,419	\$1,389,348	\$2,027,518	Value..... \$5,406,684		

¹ In addition, paper and wood pulp to the value of \$2,567,267 was made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation. ² Not reported separately. ³ Not reported. ⁴ Not reported.

Phonographs and graphophones.—The following table gives comparative statistics for the manufacture of phonographs and graphophones. The value of all products increased from \$2,246,274 in 1899 to \$11,725,996 in 1909, or over fivefold, the bulk of the increase being in the first half of the decade. An important feature of the industry is the manufacture of records and blanks, the value of which formed 42.7 per cent of the total value of products in 1909, 45.7 per cent in 1904, and 24 per cent in 1899.

Table 101	PRODUCT.	1909	1904	1899
Total value.....		\$11,725,996	\$10,237,075	\$2,246,274
Phonographs and graphophones:				
Number.....	344,681	(?)	(?)	(?)
Value.....	\$5,406,684	\$2,966,343	\$1,240,503	
Records and blanks:				
Number.....	27,183,959	\$4,678,547	(?)	(?)
Value.....	\$5,007,104	(?)	(?)	(?)
All other products.....		\$1,312,268	\$2,592,185	\$466,401

¹ In addition, records and parts to the value of \$31,853 were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation. ² Not reported.

The statistics in regard to the number of books and pamphlets published in 1909, classified by character, are given below. Comparative statistics for earlier censuses are not available.

Table 103	BOOKS AND PAMPHLETS.	Titles or editions.	Volumes.	Copies.
Total number published.....		46,739	54,620	161,361,844
	Biography, correspondence.....	554	616	657,464
	Description, geography, travel.....	847	952	4,540,647
	Domestic and rural.....	330	336	2,023,193
	Education.....	10,390	12,159	41,636,847
	Fiction.....	14,696	15,772	46,942,395
	Fine arts, illustrated gift books.....	541	587	2,849,371
	History.....	613	954	2,923,187
	Humor and satire.....	208	211	885,262
	Juvenile.....	4,167	4,202	10,184,630
	Law.....	535	862	1,496,194
	Literature and collected works.....	2,047	3,841	5,037,972
	Medical, hygiene.....	681	738	1,519,480
	Philosophy.....	222	329	265,077
	Physical and mathematical science.....	291	307	356,413
	Poetry and the drama.....	1,387	1,574	1,980,524
	Political and social science.....	658	689	1,862,429
	Scientific and similar associations.....	1,082	1,141	1,258,562
	Sports and amusements.....	412	423	2,430,074
	Theology and religion.....	5,096	6,539	23,608,230
	Useful arts.....	512	538	1,104,599
	Works of reference.....	1,560	1,927	7,799,590

Shipbuilding, including boat building.—The following table shows the value of work done on the different classes of water craft during the several census years, not including that done in Government establishments, and also the value of repair work and all other products of the shipbuilding industry. The total value of products was lower in 1909 than in 1904 or 1899.

Table 101	PRODUCT. ¹	1909	1904	1899
Total value.....		\$ 73,360,315	\$ 82,769,239	\$ 74,532,277
Work done during the year on vessels and boats.....		42,310,925	56,121,227	37,719,308
	Vessels of 5 gross tons and over.....	37,718,018	53,119,935	35,750,473
	Boats of less than 5 gross tons.....	4,592,907	3,001,292	1,968,835
	Steam.....	20,800		
	Motor, gasoline, electric, and other.....	3,155,375	1,879,288	1,059,365
	Sailboats, rowboats, canoes, scows, etc.....	1,416,732	1,122,004	909,470
	Repair work.....	26,978,643	22,829,004	23,134,430
All other products.....		4,370,747	3,818,972	13,678,533

¹ Not including work done in Government shipyards, valued in 1909 at \$25,872,033; in 1904, at \$17,265,469; and in 1899, at \$11,022,312.

² In addition, the following items were reported by establishments engaged primarily in the manufacture of products other than those covered by the industry designation: Work done on vessels of 5 tons and over, launched, \$418,905; vessels building but not launched, \$30,184; boats of under 5 tons, \$145,155; and other boat products and repairs, \$182,462; or a total of \$776,706.

³ In addition, the following items were reported by establishments engaged primarily in the manufacture of products other than those covered by the industry designation: Work done on vessels of 5 tons and over, launched, \$463,018; boats of under 5 tons, \$147,542; and other boat products and repairs, \$46,782; or a total of \$657,342.

The value of the products of governmental shipyards in 1909 was \$25,872,033; in 1904, \$17,265,469; and in 1899, \$11,022,312. Thus the total value of products reported for all establishments, governmental and private, was \$99,232,348 in 1909, \$100,034,708 in 1904, and \$85,554,589 in 1899. The increase of \$13,677,759, or 16 per cent, shown for the period 1899–1909, was due entirely to work of governmental establishments.

The following table shows the number of vessels of each class launched during the census years 1909, 1904, and 1899. These figures are not strictly comparable with those giving values presented in the preceding table, since the former cover all work done during the year, both on vessels launched during the year and on those not yet launched at its close. The number of vessels of nearly every class was less in 1909 than at the two preceding censuses, but the number of boats increased greatly, the number made by all establishments aggregating 8,577, of which number 97.3 per cent were gasoline motor boats.

Table 105	CLASS OF VESSELS.	1909	1904	1899
Vessels of 5 gross tons and over launched during the year.....				
	Number.....	11,584	9,214	2,081
	Gross tons.....	467,219	504,020	687,159
	Net tons.....	381,198	424,708	542,324
Steel vessels.....				
	Number.....	158	155	134
	Gross tons.....	254,986	154,314	262,516
	Net tons.....	193,144	106,826	186,509
Steam.....				
	Number.....	96	122	123
	Gross tons.....	219,617	140,047	237,379
	Net tons.....	159,297	93,365	164,313
Motor.....				
	Number.....	15		
	Gross tons.....	2,466		
	Net tons.....	2,078		
Sail, with and without auxiliary.....				
	Number.....	3	8	6
	Gross tons.....	2,046	4,779	21,085
	Net tons.....	1,755	4,591	18,348
Unrigged.....				
	Number.....	44	25	5
	Gross tons.....	30,837	9,488	4,052
	Net tons.....	30,034	8,870	3,848
Wooden vessels.....				
	Number.....	1,426	1,959	1,947
	Gross tons.....	212,233	349,706	424,643
	Net tons.....	188,054	317,832	355,815
Steam.....				
	Number.....	85	156	396
	Gross tons.....	15,016	35,048	48,332
	Net tons.....	9,662	23,365	32,845
Motor.....				
	Number.....	430	907	
	Gross tons.....	6,923	3,157	
	Net tons.....	5,146	2,333	
Sail, with and without auxiliary.....				
	Number.....	116	341	642
	Gross tons.....	15,413	59,836	39,209
	Net tons.....	12,955	50,843	31,772
Unrigged.....				
	Number.....	795	1,125	909
	Gross tons.....	174,881	251,065	316,502
	Net tons.....	160,291	241,701	271,198
Boats of less than 5 gross tons, number.....				
	Steam.....	8,577	4,349	1,687
	Motor.....	8,569	3,499	1,687
	Gasoline.....	3,342	(¹)	(¹)
	Electric.....	12	(¹)	(¹)
	Other.....	215	(¹)	(¹)

¹ Not including vessels launched in Government shipyards as follows: In 1909, 3 steel and 28 wooden vessels, the steel vessels having a total of 350 gross tons and the wooden a total of 1,709 gross tons, and in 1904, 17 steel and 14 wooden vessels, the steel vessels having a total of 23,850 gross tons and the wooden a total of 3,402 gross tons.

² In addition, there were built by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, 8 steel and 14 wooden vessels, the steel vessels having a total of 5,429 gross tons and the wooden a total of 7,106 gross tons.

³ In addition, there were built by establishments engaged primarily in the manufacture of products other than those covered by the industry designation, 3 steel and 131 wooden vessels, the steel vessels having a total of 408 gross tons and the wooden a total of 21,919 gross tons.

⁴ Not including 53 boats built in Government shipyards in 1909 and 52 in 1904.

⁵ In addition, 412 boats were built by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

⁶ In addition, 365 boats were built by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

⁷ Not reported separately.

Laundries.—Steam laundries are not generally considered as manufacturing establishments, and therefore statistics for them have been excluded from prior censuses. Since the industry has, however, developed so rapidly, large amounts of capital now being invested, and many wage earners being employed, it should no longer be omitted from the industrial census. The establishments are conducted according to factory methods, and therefore the statistics are associated with those for the manufacturing industries of the Thirteenth Census. They are not included, however, in the general tables or in the totals for manufacturing industries.

During the year 1909 there were in the United States 5,186 laundries operated by the use of mechanical power. The capital reported by these establishments as invested in the industry amounted to \$68,935,000. In addition, such establishments rent a great deal of property, the annual rental paid by laundries for plant and equipment amounting in 1909 to \$2,277,000. The value of the work done was \$104,680,086.

In addition to ascertaining the average number of wage earners employed during the entire year, the census calls for the actual number of wage earners, by sex and age periods, employed on December 15, 1909, or the nearest representative day. On that date there were employed 112,064 wage earners, of whom 31,947, or 28.5 per cent, were men; 79,152, or 70.6 per cent, women; and 965, or 0.9 per cent, children under 16 years of age.

The following statement summarizes the statistics:

Number of establishments.....	5,186
Capital invested.....	\$68,935,000
Cost of materials used.....	\$17,696,000
Salaries and wages, total.....	\$53,007,747
Salaries.....	\$8,180,769
Wages.....	\$44,826,978
Miscellaneous expenses.....	\$14,483,497
Value of products or amount received for work done..	\$104,680,086

Employees:

Number of salaried officials and clerks.....	9,170
Average number of wage earners employed during the year.....	109,434
Actual number of wage earners employed on Dec. 15, 1909, or nearest representative day..	112,064
Men 16 years and over.....	31,947
Women 16 years and over.....	79,152
Children under 16 years—	
Male.....	274
Female.....	691
Primary power used, horsepower.....	123,477

The number of wage earners employed each month and the per cent which this number represented of the greatest number employed in laundries in any month were as follows:

MONTH.	WAGE EARNERS.		MONTH.	WAGE EARNERS.	
	Number.	Per cent of maximum.		Number.	Per cent of maximum.
January.....	103,746	90.6	July.....	114,211	99.7
February.....	103,937	90.7	August.....	114,539	100.0
March.....	104,370	91.6	September.....	113,738	99.3
April.....	106,422	92.9	October.....	111,500	97.3
May.....	108,149	94.4	November.....	110,479	96.5
June.....	111,313	97.2	December.....	110,805	96.7

The different kinds of primary power, the number of engines, and the horsepower used in laundries during 1909 are shown in the following tabular statement:

KIND.	Number of engines or motors.	Horsepower.
Primary power, total.....		123,477
Owued.....	4,527	109,870
Steam.....	4,119	105,272
Gas.....	379	4,073
Water wheels.....	18	456
Water motors.....	11	69
Rented.....		13,607
Electric.....	2,401	11,157
Other.....		2,450

The kind and amount of fuel used in laundries are shown in the following statement:

KIND.	Unit.	Quantity.
Anthracite coal.....	Tons (2,240 lbs.)..	178,640
Bituminous coal.....	Tons (2,000 lbs.)..	886,734
Coke.....	Tons (2,000 lbs.)..	14,785
Wood.....	Cords.....	94,723
Oil.....	Barrels.....	372,586
Gas.....	1,000 feet.....	2,729,324

Small custom sawmills and gristmills.—Statistics for small custom sawmills and gristmills are not included in the general tables or in the totals for manufacturing industries, but are presented in the following summary. The cost of materials and value of products for gristmills include an estimate of the grain ground, but it was impossible to estimate the value of the lumber sawed in the custom sawmills.

	Small custom sawmills.	Small custom gristmills.
	Number of establishments.....	4,133	11,961
Persons engaged in industry.....	22,836	22,530
Proprietors and firm members.....	5,702	15,435
Salaried employees.....	44	147
Wage earners (average number).....	7,696	7,014
Primary horsepower.....	83,280	272,783
Capital.....	\$3,655,145	\$21,258,510
Expenses.....	2,160,271	48,110,565
Services.....	1,686,152	1,186,840
Materials.....	97,574	146,314,868
Miscellaneous.....	366,545	609,157
Value of products.....	4,515,881	\$5,115,553

¹ Includes estimated value of all grain ground.

² Includes estimate of value of products from all grain ground. In addition, custom ground products, valued at \$1,170,751, were made by establishments engaged primarily in the manufacture of products other than those covered by the industry designation.

COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899.

NOTES.—The figures for some industries do not represent the total production, because important establishments that manufacture the same class of products may be included in other industries. (See Introduction.)

Primary horsepower includes power generated in manufacturing establishments plus electric and other power rented from outside sources; it does not include electric power generated by primary units of the establishments reporting.

In the statistics of power for 1899 there is a difference of 154,723 horsepower between the total and the sum of the figures for the various industries. This is due to the impossibility of making correct revision of the figures for each industry for comparison with 1904 and 1909.

[A minus sign (—) denotes decrease.]

INDUSTRY.	Census.	PERSONS ENGAGED IN INDUSTRY.					Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manuf-actures (value of products less cost of materials).	PER CENT OF INCREASE.	
		Total.	Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Wage earners (average number).								Wage earners (average number).	Value of products.
Expressed in thousands.															
All Industries.....	1909 268,491	7,678,578	273,265	790,267	6,615,046	18,675,376	\$18,428,270	\$938,575	\$3,427,038	\$12,142,791	\$20,672,052	\$8,529,261	21.0	39.7	
	1904 216,180	6,213,612	225,673	519,556	5,468,383	13,487,707	12,675,581	574,439	2,610,445	8,800,208	14,793,903	6,293,695	16.0	29.7	
	1899 207,514	.....	.....	364,120	4,712,763	10,097,693	8,975,256	390,771	2,068,351	6,975,851	11,406,927	4,831,076	.....	.....
Agricultural implements.	1909 640	60,229	485	9,213	50,551	100,601	256,281	10,140	28,609	60,307	146,329	86,022	6.7	30.6	
	1904 45	55,089	496	7,199	47,294	89,738	186,741	7,373	25,003	48,281	112,007	48,726	1.7	10.7	
	1899 715	.....	.....	10,046	46,582	70,646	157,708	8,363	22,451	43,945	101,207	57,262	.....	.....
Artificial flowers and feathers and plumes.	1909 412	11,583	520	1,047	10,016	334	9,693	1,160	3,974	13,627	23,981	10,354	130.6	357.0	
	1904 213	4,913	289	281	4,343	184	2,578	232	1,397	2,014	3,233	3,233	-18.5	-16.6	
	1899 224	.....	.....	285	5,331	113	3,633	291	1,561	2,763	6,293	3,530	.....	.....
Artificial stone ¹ .	1909 3,439	15,202	4,293	1,037	9,957	12,185	16,010	785	5,342	7,043	18,596	11,553	297.3	350.5	
	1904 477	3,417	571	340	2,606	2,770	3,316	201	1,430	1,430	4,128	2,698	.....	.....
Artists' materials.	1909 46	865	25	182	658	1,628	1,730	202	307	1,360	2,340	980	140.1	105.4	
	1904 28	372	30	68	274	568	876	67	137	687	1,139	452	37.0	129.2	
	1899 21	.....	.....	32	200	289	377	38	79	249	497	248	.....	.....
Automobiles, including bodies and parts.	1909 743	85,359	405	9,233	75,721	75,550	173, 37	9,479	48,694	131,646	249,202	117,556	528.4	729.7	
	1904 178	13,333	103	1,181	12,049	10,109	23, 4	1,257	7,159	13,151	30,031	16,883	437.7	532.6	
	1899 57	.....	.....	268	2,241	.....	5,769	295	1,321	1,804	4,748	2,944	.....	.....
Awnings, tents, and sails.	1909 621	5,747	648	857	4,242	2,022	7,865	809	2,188	8,377	14,499	6,122	23.6	28.7	
	1904 390	4,406	442	532	3,432	1,105	4,793	507	1,757	6,670	11,269	4,599	2.9	23.2	
	1899 340	.....	.....	416	3,335	921	3,537	325	1,569	5,228	9,144	3,916	.....	.....
Axle grease.	1909 38	334	13	145	176	492	935	155	88	828	1,481	653	47.9	68.5	
	1904 25	196	22	55	119	210	608	55	62	368	879	511	-6.3	22.4	
	1899 29	.....	.....	85	127	181	577	83	55	360	718	358	.....	.....
Babbitt metal and solder.	1909 109	1,491	66	528	897	2,293	7,418	739	561	16,270	19,768	3,498	57.6	50.9	
	1904 75	882	70	243	569	1,138	4,129	265	338	10,864	13,100	2,236	6.4	42.5	
	1899 51	.....	.....	145	535	999	3,116	172	295	7,998	9,191	1,193	.....	.....
Bags, other than paper.....	1909 109	8,838	72	798	7,965	6,855	24,625	1,068	2,942	46,364	54,882	8,518	39.3	46.7	
	1904 79	6,308	54	532	5,722	4,522	12,387	602	1,829	30,758	37,399	6,641	45.9	90.3	
	1899 73	.....	.....	436	3,922	1,755	7,418	379	1,102	16,439	19,652	3,213	.....	.....
Bags, paper.....	1909 74	3,683	42	429	3,212	3,855	10,750	714	1,306	10,355	15,698	5,343	29.9	55.6	
	1904 62	2,856	53	360	2,473	2,927	11,441	495	930	6,595	10,087	3,492	24.3	48.4	
	1899 63	.....	.....	340	1,989	2,148	6,917	369	628	4,499	6,799	2,300	.....	.....
Baking powders and yeast.	1909 144	3,531	110	1,266	2,155	3,335	33,647	1,710	1,646	9,338	20,775	11,437	-12.0	9.1	
	1904 164	3,355	150	756	2,449	2,965	13,233	939	1,042	8,940	19,043	10,103	26.4	30.7	
	1899 191	.....	.....	749	1,938	2,446	8,338	835	717	7,127	14,568	7,441	.....	.....
Baskets, and rattan and willow ware.	1909 456	5,419	476	279	4,664	7,196	4,199	244	1,747	2,335	5,695	3,360	-8.7	9.8	
	1904 486	5,867	525	236	5,106	6,252	3,600	203	1,731	1,803	5,187	3,384	21.1	42.7	
	1899 454	.....	.....	182	4,217	5,997	2,844	140	1,213	1,338	3,636	2,301	.....	.....
Beet sugar.....	1909 58	8,389	1	1,184	7,204	57,202	129,629	1,769	4,808	27,265	48,122	20,857	81.8	97.3	
	1904 51	4,726	.....	763	3,963	35,490	55,923	1,005	2,487	14,487	24,394	9,907	101.2	233.1
	1899 30	.....	.....	350	1,970	14,460	20,142	357	1,092	4,804	7,324	2,520	.....	.....
Belting and hose, leather.	1909 139	4,370	100	1,264	3,006	5,638	17,457	1,502	1,861	15,623	23,692	8,069	43.7	66.6	
	1904 117	2,800	94	614	2,092	3,220	10,785	787	1,165	9,317	14,220	4,903	25.5	33.9	
	1899 104	.....	.....	443	1,067	2,162	7,408	485	914	7,900	10,623	3,123	.....	.....
Belting and hose, woven and rubber.	1909 46	7,304	11	974	6,319	20,547	24,260	1,384	2,956	14,905	24,729	10,224	43.9	39.0	
	1904 39	5,019	15	614	4,390	13,491	15,909	984	2,057	10,787	17,791	7,004	116.8	158.4	
	1899 25	.....	.....	231	2,025	5,612	6,020	380	982	4,628	6,886	2,358	.....	.....
Bicycles, motorcycles, and parts.	1909 95	5,017	78	502	4,437	5,832	9,780	552	2,908	5,083	10,699	5,616	33.7	107.6	
	1904 101	3,761	81	361	3,319	5,730	5,883	351	1,971	6,628	5,153	2,525	-81.1	-83.9	
	1899 312	.....	.....	2,634	17,525	19,847	29,784	1,753	8,190	16,792	31,916	15,124	.....	.....
Billiard tables and materials.	1909 54	1,776	48	233	1,495	2,642	4,705	352	1,011	3,369	5,878	2,509	87.8	164.4	
	1904 48	964	52	116	796	631	1,618	151	501	937	2,223	1,286	75.7	34.9	
	1899 74	.....	.....	88	453	277	884	105	729	1,648	919	.....	.....	.....
Blacking and cleansing and polishing preparations.	1909 501	4,407	434	1,556	2,417	3,977	7,557	1,780	1,146	6,962	14,679	7,717	35.6	69.7	
	1904 294	2,786	281	723	1,782	2,708	4,560	774	738	4,383	8,651	4,268	1.4	29.2	
	1899 275	.....	.....	686	1,758	1,873	3,662	713	634	3,152	6,098	3,546	.....	.....
Bluing.....	1909 82	545	94	138	313	242	556	112	114	494	1,074	580	51.9	58.2	
	1904 56	306	53	47	206	284	570	45	77	266	679	413	-6.4	17.9	
	1899 65	.....	.....	54	220	116	415	41	79	245	576	331	.....	.....
Bone, carbon, and lamp black.	1909 27	302	7	67	228	1,023	1,842	78	149	445	1,093	648	14.0	68.0	
	1904 25	258	11	47	200	1,083	1,663	48	105	203	648	445	135.3	80.7	
	1899 15	.....	.....	21	85	365	782	24	46	106	360	254	.....	.....
Boots and shoes, including cut stock and findings.	1909 1,918	215,923	1,538	15,788	198,297	96,302	222,324	18,629	98,463	332,738	512,798	180,600	23.7	43.4	
	1904 1,895	171,940	2,128	9,518	160,294	63,968	136,802	9,412	73,072	225,288	357,688	132,400	6.0	23.3	
	1899 2,253	.....	.....	8,848	151,231	55,489	110,363	8,919	61,924	191,456	290,047	98,591	.....	.....

¹ Included in "marble and stone" in 1899.

COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

INDUSTRY.	Cen- sus.	Num- ber of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.					Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by man- ufacture (value of products less cost of mate- rials).	PER CENT OF INCREASE.		
			Total.	Pro- pri- etors and firm mem- bers.	Salaried em- ploy- ees.	Wage earners (average number).	Value of prod- ucts (aver- age num- ber).								Value of prod- ucts.		
																Value of prod- ucts.	Value of prod- ucts.
Expressed in thousands.																	
Boots and shoes, rubber.	1909	22	18,899	.....	1,257	17,612	25,903	\$43,905	\$1,415	\$8,544	\$29,577	\$49,721	\$20,144	.....	-7.0	-29.0
	1904	22	19,815	2	822	18,991	26,084	39,442	874	8,867	32,000	70,065	35,065	.....	-3.2	70.5
	1899	22	.....	.....	483	14,391	25,017	33,668	597	6,427	22,683	41,090	18,407	.....	.....	.....
Boxes, cigar.....	1909	274	6,852	301	436	6,115	6,049	5,403	471	2,234	4,313	8,491	4,178	.....	-2.7	9.1
	1904	297	7,036	384	370	6,282	5,548	4,457	333	2,120	3,810	7,786	3,976	.....	36.3	32.9
	1899	315	.....	.....	216	4,609	4,274	3,288	172	1,440	3,061	5,857	2,796	.....	.....	.....
Boxes, fancy and paper.	1909	949	43,568	815	3,239	39,514	23,323	35,475	3,709	14,015	25,716	54,540	28,734	.....	23.2	47.7
	1904	796	35,194	786	2,326	32,082	15,117	22,691	2,313	10,208	16,686	36,567	20,181	.....	16.0	35.0
	1899	729	.....	.....	1,368	27,653	9,286	14,979	1,269	8,152	11,765	27,316	15,551	.....	.....	.....
Brass and bronze prod- ucts.	1909	1,021	45,441	828	3,995	40,618	101,349	109,319	5,540	23,677	99,228	149,089	50,761	.....	22.5	46.5
	1904	813	36,952	784	3,000	33,168	69,944	77,438	3,778	17,666	65,653	102,407	36,754	.....	22.1	15.5
	1899	695	.....	.....	1,813	27,166	47,257	51,120	2,297	13,509	61,189	88,684	27,465	.....	.....	.....
Bread and other bakery products.	1909	23,926	144,322	26,982	17,124	100,216	65,298	212,910	13,764	59,351	238,034	396,565	158,831	.....	23.3	47.2
	1904	18,226	109,673	20,037	8,358	81,278	37,241	122,353	6,273	43,172	155,989	269,583	113,594	.....	35.0	53.7
	1899	14,836	.....	.....	9,167	60,192	22,472	80,902	6,063	27,864	95,052	175,369	80,317	.....	.....	.....
Brick and tile.....	1909	4,215	85,764	4,285	4,951	76,528	341,169	174,673	5,430	37,139	23,736	92,776	60,040	.....	15.9	30.4
	1904	4,634	75,006	5,295	3,690	66,021	255,362	119,957	3,530	28,646	16,317	71,152	54,835	.....	6.5	38.8
	1899	5,423	.....	.....	2,426	61,979	176,700	82,086	2,025	21,883	11,006	51,270	40,264	.....	.....	.....
Brooms and brushes 1....	1909	1,282	15,143	1,451	1,539	12,153	8,800	18,982	1,661	5,480	15,578	29,126	13,548	.....	6.4	38.0
	1904	1,316	13,958	1,551	982	11,425	6,441	12,052	925	4,300	10,999	21,104	10,105	.....	10.4	14.2
	1899	1,523	.....	.....	900	10,346	4,482	9,616	758	3,788	9,544	18,484	8,940	.....	.....	.....
Butter, cheese, and con- densed milk.	1909	8,479	31,506	8,019	5,056	18,431	101,349	71,284	3,439	11,081	235,546	274,556	39,012	.....	18.5	63.2
	1904	8,926	25,865	6,801	3,507	15,557	93,845	47,256	1,370	8,413	142,920	168,183	25,203	.....	21.5	28.6
	1899	9,242	.....	.....	2,818	12,799	88,062	36,303	912	6,146	108,841	130,783	21,942	.....	.....	.....
Butter, reworking.....	1909	24	418	10	113	295	1,471	3,543	128	186	7,424	8,200	776	.....	-27.0	12.8
	1904	35	526	32	90	404	1,684	1,719	85	252	6,247	7,271	1,024	.....	173.0	243.8
	1899	10	.....	.....	29	148	631	256	30	68	1,345	2,115	770	.....	.....	.....
Buttons.....	1909	444	18,004	519	1,058	12,831	15,640	12,831	15,640	1,299	6,789	9,541	22,708	13,167	55.5	104.0
	1904	275	11,637	302	768	10,567	6,982	7,784	711	3,680	4,144	11,134	6,900	.....	21.7	44.7
	1899	238	.....	.....	339	8,685	4,165	4,213	206	2,826	2,803	7,696	4,893	.....	.....	.....
Calcium lights.....	1909	10	26	7	4	15	53	55	4	11	24	52	28	.....	-63.4	-61.5
	1904	22	85	28	16	41	132	144	12	24	35	135	100	.....	-25.6	13.4
	1899	19	.....	.....	6	55	80	95	6	24	35	119	84	.....	.....	.....
Candles 2.....	1909	16	649	7	103	539	799	2,959	161	246	3,130	954	.....	-33.9	-19.5	
	1904	17	930	25	89	816	931	3,004	135	294	2,911	3,889	978	.....	.....	.....
Canning and preserv- ing.	1909	3,767	71,972	4,244	7,760	59,968	81,179	119,207	7,864	19,082	101,823	157,101	55,278	.....	5.3	20.4
	1904	3,168	66,022	3,450	5,628	56,944	60,831	79,246	5,231	16,336	83,147	130,466	47,319	.....	-0.1	31.3
	1899	2,570	.....	.....	4,199	57,012	38,624	55,481	3,479	13,705	63,668	99,335	35,067	.....	.....	.....
Card cutting and design- ing.	1909	68	702	79	98	525	269	684	93	238	374	1,031	657	.....	-24.6	-4.8
	1904	60	834	72	66	696	222	488	55	261	478	1,083	605	.....	114.2	75.2
	1899	43	.....	.....	25	325	219	338	22	135	313	618	305	.....	.....	.....
Carpets and rugs, other than rag.	1909	139	34,706	134	1,264	33,307	38,553	75,627	2,209	15,536	39,563	71,188	31,625	.....	0.3	15.6
	1904	139	34,393	149	1,023	33,221	33,945	56,781	1,397	13,724	37,948	61,586	23,638	.....	16.9	27.8
	1899	133	.....	.....	687	28,411	26,740	44,449	881	11,121	27,229	48,192	20,963	.....	.....	.....
Carpets, rag.....	1909	428	2,688	489	217	1,982	2,651	1,546	182	660	689	2,568	1,879	.....	14.2	33.9
	1904	363	2,331	438	137	1,736	1,667	1,100	87	675	489	1,918	1,429	.....	31.7	9.2
	1899	805	.....	.....	57	1,318	599	867	30	443	622	1,755	1,133	.....	.....	.....
Carriages and sleds, chil- dren's.	1909	84	5,769	50	419	5,300	5,281	6,853	490	2,217	4,129	8,805	4,676	.....	32.4	38.2
	1904	78	4,379	52	324	4,003	3,633	4,336	341	1,785	2,840	6,371	3,531	.....	46.8	48.5
	1899	77	.....	.....	172	2,726	2,462	2,907	159	1,096	1,996	4,290	2,294	.....	.....	.....
Carriages and wagons and materials.	1909	5,492	82,944	6,213	6,803	69,928	126,032	175,474	7,960	37,955	81,951	159,893	77,942	.....	-10.2	2.6
	1904	5,588	90,761	6,575	6,294	77,882	160,159	152,345	6,581	38,363	77,528	155,869	78,341	.....	5.5	12.7
	1899	6,792	.....	.....	5,026	73,812	83,771	128,962	4,759	33,565	66,772	138,262	71,490	.....	.....	.....
Cars and general shop construction and repairs by street-railroad com- panies.	1909	1,145	301,273	2	19,067	282,174	233,361	228,317	17,339	181,344	199,413	405,601	296,188	.....	19.1	30.9
	1904	1,140	250,189	.....	13,329	236,870	107,973	146,856	11,920	142,153	151,105	309,775	158,670	.....	36.4	42.0
	1899	1,292	.....	.....	7,094	173,595	95,087	119,473	6,208	96,007	109,212	218,114	108,642	.....	.....	.....
Cars and general shop construction and repairs by street-railroad com- panies.	1909	541	23,699	.....	1,281	22,418	35,794	38,899	1,204	14,486	15,168	31,963	16,795	.....	102.8	137.9
	1904	86	11,551	.....	499	11,052	3,154	12,906	543	7,013	5,463	13,437	7,974	.....	57.3	43.4
	1899	108	.....	.....	201	7,025	6,443	10,782	194	4,405	4,337	9,371	5,034	.....	.....	.....
Cars, steam-railroad, not including operations of railroad companies.	1909	110	47,094	7	4,001	43,086	97,797	139,805	5,138	27,135	78,753	123,730	44,977	.....	26.5	11.3
	1904	73	36,367	6	2,303	34,058	55,994	88,179	2,855	20,248	75,657	111,175	35,518	.....	1.8	22.8
	1899	65	.....	.....	1,366	33,453	33,395	88,324	1,538	10,987	61,743	90,510	28,707	.....	.....	.....
Cars, street-railroad, not including operations of railroad companies.	1909	14	4,005	1	421	3,583	15,161	14,168	594	2,177	4,260	7,810	3,550	.....	-21.2	-28.0
	1904	14	4,967	3	264	4,730	7,054	12,976	398	2,840	5,341	10,844	5,503	.....	34.9	48.4
	1899	20	.....	.....	144	3,585	4,865	7,015	235	1,951	3,967	7,305	3,338	.....	.....	.....
Cash registers and calcul- ating machines.	1909	50	9,240	7	1,777	7,465	6,944	27,224	2,736	5,312	3,552	23,708	20,156	.....	83.0	140.1

COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

Table 110—Contd.	INDUSTRY.	Cen- sus.	PERSONS ENGAGED IN INDUSTRY.						Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of mate- rials).	PER CENT OF INCREASE.									
			Total.	Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earn- ers (average number).	Wage earn- ers (average number).	Wage earn- ers (average number).								Wage earn- ers (average number).	Wage earn- ers (average number).	Wage earn- ers (average number).	Wage earn- ers (average number).	Wage earn- ers (average number).	Wage earn- ers (average number).	Wage earn- ers (average number).	Wage earn- ers (average number).	Wage earn- ers (average number).	Wage earn- ers (average number).
Chemicals ¹	1909	349	27,791	154	3,923	23,714	208,604	\$155,144	\$6,137	\$14,085	\$64,122	\$117,689	\$53,567	19.7	56.5										
	1904	275	22,707	123	2,778	19,806	132,262	96,621	4,048	10,790	42,063	75,223	33,159	4.1	20.1										
	1899	433	.....	.....	2,123	19,020	90,349	89,069	2,923	9,393	34,546	62,637	28,091	.....	.....								
China decorating.....	1909	40	436	45	63	328	18	559	80	191	311	786	475	45.8	140.4										
	1904	28	273	30	18	225	6	261	16	99	108	327	219	-24.5	-32.6										
	1899	49	.....	.....	31	298	.....	269	21	122	207	485	278	.....	.....								
Chocolate and cocoa products.....	1909	27	3,404	10	568	2,826	10,593	13,685	970	1,269	15,223	22,390	6,567	35.2	55.6										
	1904	25	2,396	15	294	2,090	5,217	8,379	463	822	9,723	14,390	4,667	59.1	48.9										
	1899	24	.....	.....	289	1,314	2,756	6,891	371	526	6,877	9,666	2,759	.....	.....								
Clocks and watches, in- cluding cases and mate- rials.....	1909	120	25,439	53	1,529	23,857	14,957	57,500	2,181	12,944	11,131	35,197	24,066	5.7	18.2										
	1904	97	24,891	63	1,249	22,579	10,731	42,189	1,638	11,892	9,872	29,790	19,918	31.6	34.7										
	1899	109	.....	.....	676	17,155	7,251	31,514	957	8,315	8,819	22,110	13,291	.....	.....								
Cloth, sponging and re- finishing.....	1909	57	1,167	67	125	975	704	629	127	651	85	1,544	1,459	22.6	46.6										
	1904	55	922	68	59	795	322	401	62	504	39	1,053	1,014	48.9	83.0										
	1899	46	.....	.....	39	534	109	289	35	268	17	566	549	.....	.....								
Clothing, horse.....	1909	33	1,830	40	142	1,648	1,454	3,279	171	492	2,779	4,135	1,362	55.0	93.0										
	1904	29	1,168	32	73	1,063	656	1,499	72	312	1,323	2,140	811	84.9	64.2										
	1899	26	.....	.....	55	575	271	654	47	177	848	1,393	457	.....	.....								
Clothing, men's, button- holes.....	1909	146	1,031	181	20	830	176	925	12	389	105	781	676	-8.1	11.6										
	1904	141	1,075	164	8	903	137	262	5	380	95	700	605	-4.3	2.8										
	1899	149	.....	.....	11	944	113	217	6	332	98	681	583	.....	.....								
Clothing, men's, includ- ing shirts.....	1909	6,354	371,437	8,502	23,239	239,696	42,725	275,320	26,733	106,277	297,515	568,077	270,362	38.0	39.7										
	1904	5,145	196,365	7,006	18,671	173,689	29,829	176,557	15,749	68,459	211,433	406,768	195,335	10.2	25.6										
	1899	6,419	.....	.....	11,906	157,549	20,457	140,191	12,032	56,391	168,169	323,839	155,670	.....	.....								
Clothing, women's.....	1909	4,558	179,021	6,482	18,796	153,743	22,294	129,301	20,418	78,568	208,788	384,752	175,964	32.9	55.4										
	1904	3,351	131,538	4,913	10,920	115,705	14,916	73,948	9,976	51,180	130,720	247,662	116,942	38.2	55.4										
	1899	2,701	.....	.....	6,715	83,739	9,962	48,432	6,571	32,586	84,705	159,240	74,635	.....	.....								
Coffee and spice, roasting and grinding, ²	1909	607	13,516	497	5,229	7,490	22,334	46,042	6,596	3,676	83,205	110,533	27,328	25.7	31.3										
	1904	421	9,245	442	2,844	5,959	15,703	33,735	3,216	2,830	65,847	84,148	18,341	-3.7	21.1										
	1899	458	.....	.....	2,749	6,387	16,270	28,437	2,951	2,487	55,112	69,527	14,415	.....	.....								
Coffins, burial cases, and undertakers' goods.....	1909	284	11,448	161	1,948	9,339	16,490	25,843	2,411	4,633	11,964	24,526	12,562	10.3	21.0										
	1904	239	9,797	168	1,161	8,448	13,178	18,532	1,345	4,120	9,501	20,266	10,765	23.8	45.3										
	1899	217	.....	.....	948	6,840	8,927	13,585	1,023	3,077	6,947	13,952	7,007	.....	.....								
Coke.....	1909	315	31,226	101	1,852	29,273	62,692	152,321	2,072	15,454	64,025	95,697	31,672	54.2	85.0										
	1904	278	20,449	73	1,386	18,981	66,669	90,713	1,247	9,304	29,885	51,729	21,844	11.7	44.4										
	1899	241	.....	.....	915	16,999	34,767	36,503	797	7,086	19,566	35,583	15,919	.....	.....								
Confectionery.....	1909	1,944	54,854	1,832	8,384	44,638	35,570	88,226	9,137	15,615	81,151	134,796	53,645	23.2	54.8										
	1904	1,348	42,729	1,366	5,124	36,239	24,292	43,125	4,840	11,699	48,810	67,077	38,277	34.9	43.6										
	1899	962	.....	.....	4,304	26,896	19,410	26,319	3,525	8,020	35,354	60,044	25,290	.....	.....								
Cooperage and wooden goods, not elsewhere specified.....	1909	1,693	29,717	1,760	1,688	26,269	65,108	50,242	2,047	11,715	36,928	69,248	23,320	-5.3	4.0										
	1904	1,719	31,133	1,853	1,537	27,743	56,988	36,756	1,752	11,343	34,971	57,895	22,985	9.6	37.9										
	1899	1,798	.....	.....	969	25,223	38,462	25,602	963	9,800	23,619	42,025	18,406	.....	.....								
Copper, tin, and sheet- iron products.....	1909	4,228	86,934	4,423	8,896	73,615	62,366	217,532	10,288	39,501	112,582	199,824	87,242	38.8	66.6										
	1904	2,549	60,713	2,851	4,827	53,035	30,229	147,608	6,070	26,269	63,921	119,933	56,012	38.4	53.1										
	1899	1,985	.....	.....	2,924	38,317	28,829	49,679	2,810	16,924	42,692	78,359	35,757	.....	.....								
Cordage and twine and jute and linen goods.....	1909	164	27,214	80	1,314	25,820	78,549	76,029	1,863	9,133	40,915	61,020	20,105	1.9	-5.6										
	1904	145	26,442	60	1,056	25,332	66,244	56,467	1,597	8,824	46,031	64,044	18,631	17.0	31.8										
	1899	160	.....	.....	682	21,651	47,999	43,153	1,021	6,554	33,064	49,078	16,014	.....	.....								
Cordials and sirups.....	1909	117	1,638	94	49	1,095	1,154	4,804	627	503	5,341	9,662	4,221	65.9	175.3										
	1904	63	869	68	171	660	782	1,666	242	235	2,149	3,510	1,391	82.3	66.6										
	1899	39	.....	.....	112	362	573	1,153	121	117	1,505	2,107	602	.....	.....								
Cork, cutting.....	1909	62	3,876	49	185	3,142	3,746	5,327	267	1,098	3,435	5,940	2,505	8.5	32.3										
	1904	50	3,080	49	186	2,895	2,589	4,069	198	888	2,459	4,491	2,062	23.7	2.3										
	1899	62	.....	.....	136	2,340	1,563	2,684	195	688	2,404	4,392	1,988	.....	.....								
Corsets.....	1909	138	19,611	91	1,956	17,564	4,581	18,033	2,871	6,464	15,640	33,257	17,617	60.0	123.8										
	1904	109	11,948	96	877	10,975	3,284	9,589	1,010	3,600	6,135	14,802	8,727	-10.8	2.8										
	1899	138	.....	.....	815	12,297	3,638	7,290	966	3,645	6,357	14,451	8,094	.....	.....								
Cotton goods, including cotton small wares.....	1909	1,324	387,771	377	8,514	378,880	1,296,517	822,238	14,412	132,859	371,009	628,392	257,833	19.9	39.5										
	1904	1,154	323,287	432	6,981	315,874	956,604	613,111	10,238	96,206	288,255	450,468	164,213	4.3	32.8										
	1899	1,055	.....	.....	4,902	302,861	795,834	467,240	7,330	86,690	176,552	339,200	162,648	.....	.....								
Crucibles.....	1909	12	398	4	59	335	816	2,051	130	180	1,089	1,849	760	19.6	37.7										
	1904	11	340	3	57	280	627	1,577	116	159	762	1,313	581	-58.3	-48.5										
	1899	11	.....	.....	89	671	760	1,844	154	251	1,673	2,407	934	.....	.....								
Cutlery and tools, not elsewhere specified.....	1909	959	37,161	814	3,351	32,996	68,294	67,390	4,182	17,581	18,279	53,266	34,987	26.0	36.5										
	1904	838	29,004	827	1,989	26,188	54,397	43,729	2,333	13,125	13,278	39,022	25,744	33.3	38.6										
	1899	721	.....	.....	1,464	19,642	38,283	30,152	1,696	9,434	9,748	28,146	18,398	.....	.....								
Dairymen's, poulterers', and apiarists' supplies, ³	1909	233	6,431	296	1,354	4,871	6,898	15,188	1,416	2,671	6,089	15,463	9,574	86.8	136.3										
	1904	176	3,273	165	590	2,698	3,994	5,030	359	1,167	3,203														

COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

INDUSTRY.	Cen- sus.	Number of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of materi- als).	PER CENT OF INCREASE.	
			Total.	Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).								Wage earners (aver- age num- ber).	Value of prod- ucts.
Expressed in thousands.															
Drug grinding.....	1909	25	1,152	16	214	922	3,322	\$5,187	\$268	\$464	\$3,454	\$6,007	\$2,553	-6.0	16.7
	1904	27	1,111	23	107	981	2,866	4,991	155	483	3,024	5,146	2,122	52.3	19.5
	1899	26			102	644	4,697	2,838	127	292	3,315	4,308	993		
Dyeing and finishing tex- tiles.....	1909	426	47,303	318	2,939	44,046	107,746	114,093	5,035	21,227	35,261	83,556	48,295	23.8	64.3
	1904	360	38,071	310	2,196	35,565	84,868	88,709	3,407	15,469	19,621	50,850	31,229	19.4	13.1
	1899	298			1,318	29,776	69,238	60,643	2,267	12,726	17,958	44,963	27,005		
Dyestuffs and extracts.....	1909	107	3,015	65	553	2,397	22,213	17,935	942	1,291	9,684	15,955	6,271	-11.5	46.5
	1904	98	3,150	82	361	2,707	17,671	14,904	609	1,264	6,829	10,893	4,064	64.4	48.2
	1899	77			229	1,647	11,409	7,839	312	788	4,746	7,351	2,605		
Electrical machinery, appa- ratus, and supplies.....	1909	1,009	105,600	439	17,905	87,256	158,768	267,844	20,193	49,381	108,566	221,309	112,743	44.3	57.2
	1904	784	71,485	400	16,619	60,466	105,376	174,066	11,091	31,842	66,837	140,809	73,572	43.9	52.3
	1899	581			5,067	42,013	43,674	83,660	4,652	20,579	49,458	92,434	42,976		
Electroplating.....	1909	461	3,558	554	287	2,717	4,461	2,324	243	1,652	1,205	4,510	3,305	39.8	52.1
	1904	312	2,458	371	144	1,943	2,588	1,287	132	1,093	747	2,720	2,218	-6.9	9.0
	1899	302			115	2,086	2,933	1,322	93	949	784	2,720	1,936		
Emery and other abrasive wheels.....	1909	51	2,446	20	483	1,943	4,005	6,231	657	1,156	2,651	6,711	4,060	142.6	225.5
	1904	34	1,000	11	188	801	1,965	2,249	217	451	705	1,357	1,357	46.7	49.2
	1899	34			125	546	1,044	1,490	127	303	509	1,382	873		
Enameling and japan- ning. ¹	1909	108	2,418	105	188	2,125	1,695	2,880	204	922	1,496	3,316	1,820	-78.7	-79.7
	1904	124	10,657	99	595	9,963	7,856	18,571	814	3,830	7,394	16,316	8,922	27.2	60.1
	1899	167			307	7,835	3,052	9,302	309	2,334	5,522	10,194	4,672		
Engravers' materials.....	1909	18	189	13	47	129	549	393	68	96	609	921	312	163.3	438.6
	1904	10	68	13	6	49	135	98	11	31	146	171	75	-35.5	-39.4
	1899	11			13	76	105	101	22	45	92	282	140		
Engraving and diesinking	1909	253	1,782	300	174	1,308	768	1,449	168	821	351	2,250	1,899	-16.8	-7.1
	1904	305	2,100	352	175	1,573	1,032	1,211	160	1,032	376	2,422	2,046	63.2	65.0
	1899	277			75	964	616	720	63	543	203	1,468	1,265		
Engraving, wood.....	1909	82	490	89	73	318	39	193	82	259	126	711	585	-5.9	9.7
	1904	114	505	129	38	336	45	185	42	245	60	648	588	0.6	5.5
	1899	144			22	338	47	231	23	206	63	614	551		
Explosives.....	1909	86	7,058	21	768	6,274	28,601	50,168	1,134	4,304	22,812	40,140	17,328	8.2	32.9
	1904	124	7,113	24	2,269	5,800	42,307	1,797	1,309	3,004	17,204	29,603	12,399	28.8	75.6
	1899	97			728	4,502	19,195	19,466	914	2,384	10,335	17,125	6,790		
Fancy articles, not else- where specified.....	1909	494	14,194	477	1,528	12,991	38,310	15,768	1,728	5,096	10,361	22,632	12,271	19.5	28.6
	1904	435	11,748	483	1,066	10,199	5,886	9,501	1,037	4,080	7,537	17,894	10,057	20.7	36.4
	1899	496			875	8,451	4,386	6,854	739	3,023	5,943	12,896	6,953		
Fertilizers.....	1909	550	21,950	323	3,317	18,310	64,711	121,537	4,406	7,477	69,522	103,966	34,438	29.1	83.9
	1904	399	16,091	294	1,613	14,184	47,989	68,917	1,934	5,127	39,288	56,541	17,253	22.5	26.6
	1899	422			1,712	11,581	38,680	60,686	2,125	4,185	28,958	44,457	15,699		
Files.....	1909	57	4,521	47	316	4,158	7,383	10,413	338	1,978	1,596	5,691	4,095	26.9	29.6
	1904	62	3,450	65	109	3,276	5,697	5,866	170	1,514	1,311	4,392	3,081	3.7	29.0
	1899	85			127	3,160	4,835	3,858	154	1,277	1,166	3,404	2,238		
Firearms and ammuni- tion.....	1909	66	16,042	30	1,297	14,715	17,840	39,377	1,920	8,427	17,021	34,112	17,091	7.9	20.9
	1904	62	14,400	38	728	13,634	21,408	22,493	1,100	7,755	12,339	28,296	15,867	40.4	52.7
	1899	65			432	9,713	7,470	13,635	614	5,103	8,742	18,472	9,730		
Fire extinguishers, chemi- cal.....	1909	31	300	10	95	195	215	527	134	127	305	754	449	9.6	29.6
	1904	35	267	23	66	178	140	338	59	108	229	582	353	178.1	167.0
	1899	17			47	64	26	137	39	33	218	218	147		
Fireworks.....	1909	42	1,567	22	142	1,403	517	2,209	217	579	896	2,269	1,373	-5.2	11.2
	1904	34	1,637	25	132	1,480	347	1,543	141	536	769	1,987	1,218	-9.6	14.3
	1899	46			136	1,638	219	1,086	146	507	628	1,785	1,157		
Flags, banners, regalia, society badges, and em- blems.....	1909	211	4,522	207	743	3,572	1,173	5,781	710	1,489	3,810	8,114	4,304	24.4	44.7
	1904	171	3,517	169	476	2,872	949	3,916	482	1,128	2,506	5,608	3,102	38.2	37.2
	1899	145			306	2,078	435	2,406	239	620	2,144	4,088	1,944		
Flavoring extracts.....	1909	420	2,634	377	1,028	1,229	1,000	5,341	1,082	558	4,358	8,828	4,370	-20.4	13.6
	1904	377	2,599	384	672	1,543	873	4,405	698	653	3,936	7,772	3,836	23.3	23.6
	1899	350			594	1,251	704	3,314	654	478	3,291	6,308	3,017		
Flax and hemp, dressed..	1909	16	216	22	30	164	1,147	785	29	64	336	467	131	-23.4	34.6
	1904	17	246	17	158	8,214	15,485	21,401	1,495	3,069	24,773	39,857	15,094	1.4	118.2
	1899	4			12	211	187	72	7	46	91	159	68		
Flour-mill and gristmill products.....	1909	11,691	66,054	14,570	12,031	39,453	853,584	349,152	12,517	21,464	767,576	883,584	116,008	0.9	23.9
	1904	10,051	59,623	13,098	7,415	39,110	775,318	265,117	7,352	19,822	619,971	713,033	93,062	21.4	42.2
	1899	9,476			5,522	32,226	670,719	189,281	5,238	16,285	428,117	501,396	73,279		
Food preparations.....	1909	1,213	20,965	1,131	4,866	14,968	55,166	64,685	5,865	7,043	83,942	125,331	41,389	32.1	104.9
	1904	766	14,739	749	2,657	11,333	28,162	31,784	2,999	4,398	37,668	61,180	23,512	38.0	53.6
	1894	645			1,538	8,214	15,485	21,401	1,495	3,069	24,773	39,857	15,094		
Foundry and machine- shop products. ²	1909	13,253	615,485	9,851	74,623	531,011	869,305	1,514,332	93,795	321,521	540,011	1,228,475	688,464	19.8	39.5
	1904	10,765	502,185	9,370	49,400	443,409	606,165	1,034,135	59,703	246,373	367,412	880,514	513,102	8.8	10.3
	1899	11,046			34,286	426,985	443,085	790,741	39,318	219,870	303,036	798,544	435,418		
Foundry supplies.....	1909	49	710	27	219	464	4,995	2,688	255	276	1,272	2,298	1,026	47.3	117.0
	1904	34	414	22	77	315	3,543	1,516	73	156	625	1,059	434	13.3	-6.2
	1899	30			75	278	3,505	982	79	136	628	1,129	501		
Fuel, manufactured ³	1909	11													

COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

INDUSTRY.	AN- NUS.	PERSONS ENGAGED IN INDUSTRY.					Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of mate- rials).	PER CENT OF INCREASE.			
		Total.	Pro- prie- tors and firm mem- bers.	Salaried em- ployees.	Wage carriers (average number).	1909								1904	1899	Wage earners (aver- age num- ber).	Value of prod- ucts.
Expressed in thousands.																	
Fur goods.....	1909	1,241	16,152	1,717	2,508	11,927	2,120	\$29,249	\$2,553	\$7,788	\$31,777	\$55,938	\$24,611	27.3	50.7		
	1904	837	11,787	1,245	1,172	9,379	1,994	17,960	1,229	5,123	21,202	37,119	55,017	20.8	43.3		
	1899	734	.....	.....	1,141	7,758	907	12,484	1,006	3,927	14,281	25,839	11,618	.....	.....
Furnishing goods, men's.	1909	900	43,935	1,022	4,431	38,482	12,116	49,609	5,210	15,093	49,125	87,710	38,585	41.6	78.9		
	1904	547	30,476	684	2,597	27,185	5,421	28,044	2,158	8,740	26,563	49,032	22,467	-10.3	34.0		
	1899	457	.....	.....	2,149	30,322	3,552	20,576	2,188	9,730	23,670	44,546	20,676	.....	.....
Furniture and refrigerators.	1909	3,155	144,140	2,657	13,031	128,452	221,451	227,134	15,561	65,618	108,773	239,886	131,111	12.5	34.9		
	1904	2,583	125,033	2,366	8,642	114,167	192,731	158,565	9,324	70,892	177,735	199,303	109,303	.....	.....
	1899	1,909	.....	.....	6,751	90,591	119,608	109,267	6,092	36,920	57,406	130,634	73,228	.....	.....
Furs, dressed.....	1909	93	1,472	115	116	1,241	2,103	1,672	135	806	511	2,391	1,580	12.3	-25.7		
	1904	85	1,324	109	119	1,105	1,290	1,296	110	755	1,642	1,574	1,374	.....	129.7	
	1899	92	.....	.....	46	835	1,063	798	49	478	520	1,400	580	.....	.....
Galvanizing.....	1909	46	1,689	26	216	1,447	1,367	4,197	257	787	5,719	7,338	1,619	15.2	14.3		
	1904	31	1,457	33	167	1,256	1,200	1,973	197	684	3,216	4,074	1,174	.....	159.8	
	1899	28	.....	.....	52	535	400	1,776	47	229	1,678	2,471	793	.....	.....
Gas and electric fixtures and lamps and reflectors.	1909	619	22,906	431	3,614	18,861	15,862	36,835	4,340	10,393	20,467	45,057	24,590	50.0	69.6		
	1904	405	14,553	336	1,749	12,570	11,240	28,002	2,188	6,406	11,078	28,940	15,482	.....	.....
	1899	377	.....	.....	1,294	11,238	6,991	15,855	1,492	5,183	7,962	19,821	11,859	.....	.....
Gas, illuminating and heating.	1909	1,296	51,007	277	13,515	37,215	128,350	915,537	12,385	20,931	52,428	106,814	114,886	21.8	33.3		
	1904	1,011	40,549	79	9,402	30,279	83,444	28,002	2,188	6,406	11,078	28,940	15,482	.....	.....
	1899	877	.....	.....	5,904	22,459	31,797	507,001	5,273	12,436	20,605	75,717	55,112	.....	.....
Glass.....	1909	363	72,573	87	3,575	68,911	123,132	129,288	4,994	39,300	32,119	92,095	59,976	7.7	15.7		
	1904	353	67,383	79	3,149	63,969	91,439	91,439	3,248	26,146	25,940	52,462	29,202	.....	44.2	
	1899	355	.....	.....	2,268	52,818	52,943	61,424	2,792	27,085	16,731	56,540	39,809	.....	.....
Glass, cutting, staining, and ornamenting.	1909	583	11,090	617	1,111	9,362	4,897	10,296	1,225	5,249	6,246	16,101	9,855	11.7	22.6		
	1904	453	9,628	504	743	8,379	3,973	7,365	776	4,859	4,845	13,138	8,293	.....	.....
	1899	411	.....	.....	475	4,914	2,098	4,601	487	2,394	3,535	8,750	5,215	.....	.....
Gloves and mittens, leather.	1909	377	12,950	458	1,138	11,354	2,880	16,909	1,256	4,764	13,208	23,631	10,423	16.7	33.2		
	1904	339	11,732	427	1,040	10,645	2,725	20,706	885	3,846	10,601	17,740	7,739	.....	4.8	
	1899	394	.....	.....	659	14,345	2,105	9,090	547	4,183	9,483	16,443	7,443	.....	.....
Glucose and starch.....	1909	118	5,827	86	968	4,773	28,257	38,866	1,413	2,666	36,899	48,759	11,960	2.0	4.9		
	1904	140	5,766	111	615	4,679	28,257	38,866	1,413	2,666	29,519	42,690	7,131	-21.3	5.0		
	1899	132	.....	.....	553	5,943	26,642	52,083	732	2,855	21,580	30,927	9,347	.....	.....
Glint.....	1909	65	3,840	45	530	3,265	15,596	14,289	747	1,571	7,525	13,718	6,193	14.0	36.7		
	1904	61	3,280	42	480	3,086	14,289	14,289	747	1,571	7,525	13,718	6,193	.....	.....
	1899	61	.....	.....	159	1,618	6,806	6,174	192	685	3,767	5,889	1,622	.....	86.2
Gold and silver, leaf and foil.	1909	88	1,553	108	62	1,383	259	1,184	78	637	1,518	2,630	1,102	-1.4	-2.4		
	1904	83	1,439	97	33	1,218	278	1,073	85	663	2,476	2,695	1,219	20.0	1.1		
	1899	93	.....	.....	35	1,163	149	1,087	36	499	1,604	2,666	1,062	.....	.....
Gold and silver, reducing and refining, not from the ore.	1909	62	606	61	173	456	1,735	3,894	249	346	21,984	23,612	1,628	58.9	26.1		
	1904	41	439	57	35	287	1,088	2,326	127	208	17,538	18,724	1,185	.....	58.5	
	1899	57	.....	.....	76	219	765	1,944	83	141	10,932	11,812	880	.....	.....
Graphite and graphite refining.	1909	9	262	4	96	162	1,472	1,786	115	89	465	1,140	735	-25.7	233.3		
	1904	11	257	6	83	218	922	1,478	30	108	342	925	59.1	-20.3	.....	
	1899	11	.....	.....	16	137	805	411	21	64	217	429	212	.....	.....
Grease and tallow.....	1909	333	5,504	364	783	4,357	14,613	16,676	991	2,629	15,543	23,419	7,876	20.1	24.5		
	1904	300	4,415	306	481	3,628	11,728	10,284	583	2,114	12,369	18,815	6,446	.....	57.4	
	1899	247	.....	.....	256	2,040	8,031	7,071	266	1,067	8,752	11,953	3,201	.....	.....
Grindstones.....	1909	14	1,485	6	85	1,394	5,790	4,939	159	638	468	1,688	1,290	91.4	114.2		
	1904	23	1,766	10	706	2,602	1,869	81	275	204	788	524	39.5	-27.6	.....	
	1899	25	.....	.....	60	1,167	2,677	903	58	407	264	1,089	825	.....	.....
Haircloth ¹	1909	14	621	11	72	538	995	2,281	72	252	1,614	2,230	616	.....	.....
Hair work.....	1909	250	4,383	298	551 ²	3,534	218	4,716	434	1,610	6,081	11,216	5,135	309.5	529.4		
	1904	125	1,137	148	126	863	62	1,132	98	335	728	1,782	1,054	5.2	26.7		
	1899	158	.....	.....	44	820	23	760	33	287	496	1,062	480	.....	.....
Hammocks.....	1909	15	325	14	39	272	157	344	34	95	311	578	267	0.4	29.3		
	1904	14	316	19	26	271	171	290	27	91	190	447	257	-20.1	-6.9		
	1899	13	.....	.....	21	339	113	308	16	102	243	480	237	.....	.....
Hand stamps and stencils and brands.	1909	361	2,539	375	513	1,651	903	2,439	433	952	1,127	3,673	2,546	9.6	30.7		
	1904	327	2,149	363	280	1,506	721	1,915	224	797	2,811	2,074	2.4	7.7	.....	
	1899	360	.....	.....	171	1,470	462	1,736	141	696	653	2,611	1,948	.....	.....
Hat and cap materials.....	1909	74	2,618	63	188	2,367	2,922	6,183	231	947	5,380	8,236	2,856	-1.9	27.9		
	1904	65	2,615	87	114	2,414	2,239	4,265	127	849	4,217	6,440	2,223	76.1	67.3		
	1899	70	.....	.....	50	1,371	1,770	1,744	60	434	2,798	3,849	1,051	.....	.....
Hats and caps, other than felt, straw, and wool. ³	1909	494	7,609	688	720	6,901	990	5,275	783	3,354	6,690	13,689	6,999	-6.0	5.7		
	1904	415	7,617	605	418	6,594	797	4,185	436	3,524	6,308	12,956	6,948	-47.4	-39.4		
	1899	644	.....	.....	643	12,544	3,252	8,394	675	5,025	10,907	21,933	10,886	.....	.....
Hats, fur-felt.....	1909	273	27,091	264	1,763	25,064	19,245	35,734	2,097	14,223	22,109	47,805	25,756	13.7	30.7		
	1904	216	23,666	252	1,307	22,047	16,630	23,258	1,488	11,282	15,975	36,629	20,654	16.8	31.7		
	1899	171	.....	.....	726	18,880	11,843	16,701	944	9,119	13,514	27,811	14,297	.....	.....
Hats, straw ³	1909	94	9,704	91	799	8,814	3,482	11,538	1,427	4,471	11,498	21,424	9,556	58.3	106.9		
	1904	68	6,084	79													

COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

Table 110—Contd.	INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).	PER CENT OF INCREASE.			
				Total.	Proprietors and firm members.	Salaried employees.	Wage earners (average number).								Wage earners (average number).	Wage earners (average number).	Value of products.	Value of products.
Hones and whetstones...	1909	18	173	13	8	152	677	\$382	86	\$72	\$110	\$268	\$158	-30.9	-13.0			
	1904	17	251	12	19	223	684	423	20	94	104	308	203	54.3	57.1			
	1899	18	.....	.....	19	180	693	217	6	73	64	196	132	.....	.....	
Horseshoes, not made in steel works or rolling mills.	1909	9	360	7	60	233	1,045	1,396	99	166	356	1,015	659	26.3	-27.0			
	1904	8	273	1	40	232	1,014	1,227	54	127	556	799	543	0.4	69.4			
	1899	7	.....	.....	18	231	545	463	36	117	211	493	287	.....	.....	
Hosiery and knit goods...	1909	1,374	136,130	1,134	5,721	129,275	103,709	163,641	7,691	44,740	110,241	290,143	89,902	24.2	46.0			
	1904	1,144	109,489	1,067	4,330	100,922	78,759	106,943	4,455	31,615	75,789	137,076	60,287	24.4	43.0			
	1899	1,006	.....	.....	2,811	83,691	57,546	82,046	3,138	24,434	51,195	95,834	44,639	.....	.....	
House-furnishing goods, not elsewhere specified.	1909	200	5,916	236	773	4,907	9,328	12,784	1,007	2,055	12,371	18,599	6,138	2.7	23.3			
	1904	237	5,555	234	40	4,778	8,748	10,933	532	1,830	9,627	15,011	5,381	-8.3	5.1			
	1899	209	.....	.....	584	5,212	8,531	10,634	628	1,838	9,198	14,278	5,080	.....	.....	
Ice, manufactured.	1909	2,004	21,107	1,066	3,927	16,114	317,789	118,641	3,268	9,779	11,317	42,953	31,636	59.5	80.6			
	1904	1,144	13,179	706	2,332	10,101	191,759	66,522	2,691	15,540	16,011	26,911	16,011	24.1	72.6			
	1899	775	.....	.....	1,531	6,880	100,421	38,620	3,126	3,403	3,312	13,781	10,469	.....	.....	
Ink, printing.	1909	71	1,854	38	695	1,121	5,857	7,144	1,092	773	4,175	8,865	4,690	57.7	53.5			
	1904	69	1,117	45	361	711	3,384	4,610	530	475	2,613	5,774	3,161	14.4	87.5			
	1899	60	.....	.....	253	503	1,895	2,945	345	298	1,536	3,050	1,544	.....	.....	
Ink, writing.	1909	47	824	37	252	505	169	2,114	376	203	1,078	2,505	1,427	17.4	33.2			
	1904	42	607	36	141	430	191	1,276	191	138	570	1,883	1,023	11.0	45.5			
	1899	44	.....	.....	148	285	359	877	374	114	1,293	720	.....	.....		
Instruments, professional and scientific.	1909	263	6,175	222	1,136	4,817	4,856	11,724	1,233	2,925	2,918	10,504	7,586	40.2	95.3			
	1904	235	4,145	200	334	3,437	2,110	5,353	532	1,830	3,732	5,774	3,161	23.9	10.8			
	1899	291	.....	.....	889	2,775	2,471	4,476	402	1,429	1,363	4,853	3,490	.....	.....	
Iron and steel, blast furnaces.	1909	208	43,661	48	4,584	38,429	1,173,422	487,581	6,525	24,607	320,638	391,429	70,791	9.6	68.8			
	1904	196	37,335	26	2,941	35,078	773,278	236,146	2,691	18,935	178,942	231,823	52,881	-10.6	12.1			
	1899	223	.....	.....	1,757	39,241	497,272	148,159	2,304	18,494	131,504	206,757	75,253	.....	.....	
Iron and steel, steel works and rolling mills.	1909	446	260,762	47	20,639	240,676	2,100,978	1,004,735	26,191	163,201	657,501	985,723	328,222	15.7	46.3			
	1904	415	221,956	64	13,530	207,562	1,649,299	700,182	17,860	122,452	441,204	674,965	232,761	13.3	12.9			
	1899	445	.....	.....	7,454	183,249	1,100,801	430,232	9,433	102,336	390,853	597,212	206,317	.....	.....	
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills.	1909	108	12,395	38	1,012	11,345	22,113	30,250	1,373	5,793	12,804	24,485	11,681	40.2	66.7			
	1904	88	8,771	49	632	8,690	13,825	18,913	912	3,612	7,807	14,683	6,880	5.6	5.2			
	1899	72	.....	.....	430	7,660	9,168	10,800	571	2,992	5,971	10,378	5,907	.....	.....	
Iron and steel, doors and shutters.	1909	29	1,816	18	197	1,601	1,997	3,045	224	874	1,283	3,006	1,723	129.0	103.5			
	1904	24	811	19	93	699	969	1,120	117	407	602	1,477	875	497.4	361.6			
	1899	13	.....	.....	20	117	225	262	19	86	116	320	294	.....	.....	
Iron and steel forgings...	1909	172	9,193	90	935	8,168	27,803	27,755	1,300	5,003	10,240	20,293	10,053	44.2	67.6			
	1904	138	6,347	77	605	5,665	16,069	28,246	824	3,428	5,732	12,110	6,358	20.8	16.0			
	1899	90	.....	.....	322	4,688	7,697	9,676	411	2,559	5,213	10,433	5,225	.....	.....	
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills.	1909	57	3,239	42	432	2,765	7,723	8,898	562	1,353	3,972	8,192	4,220	-24.9	-8.2			
	1904	76	4,147	60	406	3,681	10,533	8,742	454	1,684	4,698	8,923	4,237	-17.8	-39.6			
	1899	102	.....	.....	431	4,477	12,858	10,751	444	2,042	5,862	14,777	6,215	.....	.....	
Iron and steel pipe, wrought.	1909	28	7,309	17	475	6,817	20,656	22,266	657	3,963	22,942	30,886	7,944	25.9	77.5			
	1904	27	5,723	11	296	5,416	15,094	13,033	369	2,473	12,747	17,401	4,654	-2.2	-18.3			
	1899	19	.....	.....	193	5,536	11,717	18,344	266	2,436	15,524	21,292	5,768	.....	.....	
Jewelry	1909	1,537	36,992	1,846	4,799	30,347	11,204	63,811	5,838	18,358	36,675	80,350	43,675	7.4	51.0			
	1904	1,023	26,119	1,436	2,603	22,080	7,872	39,679	2,939	12,593	24,177	53,226	29,049	37.9	15.4			
	1899	851	.....	.....	1,806	20,468	6,526	27,872	1,842	10,644	22,235	46,129	23,894	.....	.....	
Jewelry and instrument cases.	1909	120	2,441	139	232	2,070	527	1,841	232	954	1,221	3,116	1,895	23.5	36.0			
	1904	97	1,923	126	121	1,676	359	1,438	107	624	843	2,292	1,449	104.6	98.1			
	1899	63	.....	.....	52	819	208	548	35	323	436	1,157	721	.....	.....	
Kaolin and ground earths	1909	119	2,351	53	308	1,990	20,920	13,226	417	897	2,042	4,681	2,639	-7.7	5.5			
	1904	131	2,501	91	253	2,157	17,325	10,196	329	899	1,869	4,439	2,570	3.0	19.3			
	1899	145	.....	.....	232	2,094	18,404	12,212	257	821	1,651	3,722	2,071	.....	.....	
Labels and tags.	1909	96	2,880	85	482	2,313	1,589	3,857	541	1,123	1,910	4,670	2,760	71.6	89.7			
	1904	67	1,610	65	197	1,348	919	2,118	258	609	967	2,462	1,505	78.8	122.8			
	1899	47	.....	.....	96	754	392	848	120	289	388	1,105	717	.....	.....	
Lapidary work.	1909	77	886	90	169	627	679	4,808	195	889	6,560	9,173	2,613	23.7	20.0			
	1904	54	681	72	102	507	554	2,384	109	657	6,224	7,647	1,423	1.8	32.2			
	1899	60	.....	.....	43	498	212	3,087	51	499	4,656	5,736	1,130	.....	.....	
Lard, refined, not made in slaughtering and meat-packing establishments.	1909	7	515	6	110	399	733	1,434	108	180	9,631	10,326	695	-9.5	68.5			
	1904	9	528	10	77	441	598	1,163	108	219	5,640	6,129	489	-11.6	-29.0			
	1899	19	.....	.....	54	499	714	1,336	80	238	7,497	8,631	1,134	.....	.....	
Lasts.	1909	60	2,029	47	254	1,728	3,386	3,061	412	1,203	1,234	4,159	2,835	43.0	65.0			
	1904	55	1,453	59	186	1,208	2,865	2,009	223	798	768	2,920	1,752	6.8	34.0			
	1899	65	.....	.....	97	1,131	1,951	1,455	108	650	527	1,880	1,353	.....	.....	
Lead, bar, pipe, and sheet.	1909	33	1,044	8	234	802	3,179	20,587	360	510	7,412	9,145	1,733	24.3	-1.4			
	1904	32	834	11	177	646	2,487	5,015	239	405	7,910	9,277	1,367	6.8	24.1			
	1899	34	.....	.....	151	605	2,007	3,949	202	322	6,289	7,478	1,198	.....	.....	
Leather goods.	1909	2,375	43,525	2,552	6,066	34,907	23,148	69,814	6,701	17,921	60,027	104,719	44,692	1.1	27.5			
	1904	1,918	40,508	2,148	4,171	34,189	16,257	50,919	4,148	15,707	44,435	82,121	37,686	16.8	35.9			
	1899	1,568	.....	.....	3,207	29,274	10,947	33,895	2,829	11,892	33,195	60,414	27,219	.....	.....	

COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

INDUSTRY.	Census.	PERSONS ENGAGED IN INDUSTRY.					Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of materials).	PER CENT OF INCREASE.	
		Total.	Proprietors and firm members.	Salaried employ-ees.	Wage earners (average number).	Value of products less cost of materials.								Wage earners (average number).	Value of products.
Expressed in thousands.															
Leather, tanned, curried, and finished.	1909	919	67,100	784	4,114	62,262	148,140	\$332,727	\$6,744	\$32,100	\$248,279	\$127,554	\$79,595	8.7	29.8
	1904	1,049	61,602	1,112	3,251	37,239	117,450	242,564	4,432	27,049	191,179	252,621	61,442	8.8	23.8
	1899	1,306	.....	.....	2,442	52,109	88,840	173,977	3,159	22,391	155,000	204,038	49,038	.....	.....
Lime ¹ .	1909	853	15,659	794	968	13,897	27,671	32,520	1,080	5,980	6,731	17,952	11,221	24.6	21.7
	1904	526	12,383	500	731	11,152	18,198	22,596	703	4,597	5,437	14,751	9,314	-41.6	-48.6
	1899	398	.....	.....	1,406	19,085	93,540	48,787	1,416	7,741	11,040	28,674	17,634	.....	.....
Liquors, distilled.	1909	613	8,328	563	1,335	6,420	46,120	72,450	1,988	3,074	35,977	204,699	168,722	20.1	53.9
	1904	805	7,229	794	1,080	5,355	42,940	50,101	1,393	2,657	25,626	131,270	105,644	44.0	35.6
	1899	965	.....	.....	661	3,720	31,427	32,540	890	1,733	15,145	96,794	81,649	.....	.....
Liquors, malt.	1909	1,414	66,725	639	11,507	54,579	347,726	671,158	22,804	41,206	94,906	374,750	278,134	13.4	23.6
	1904	1,530	58,068	876	9,055	48,137	266,159	515,630	17,316	34,541	54,597	298,346	225,439	22.0	23.9
	1899	1,507	.....	.....	7,146	39,459	197,901	413,767	13,038	25,776	51,598	236,293	183,317	.....	.....
Liquors, vinous.	1909	290	2,726	236	579	1,911	6,771	27,908	863	972	6,626	13,121	6,495	-0.1	15.2
	1904	435	2,801	396	492	1,913	6,713	17,775	573	1,002	5,693	11,098	5,405	64.5	69.5
	1899	349	.....	.....	344	1,163	3,416	9,838	365	446	3,689	6,547	2,838	.....	.....
Locomotives, not made by railroad companies. ²	1909	16	16,945	7	2,029	14,909	35,102	52,060	2,297	8,194	15,160	31,582	16,522	-39.9	-47.0
	1904	15	25,979	9	1,164	24,806	29,806	38,421	9,163	15,798	27,703	59,552	31,849	.....	.....
Looking-glass and picture frames.	1909	437	7,470	431	1,918	6,021	5,330	9,058	1,119	3,261	5,525	15,475	7,930	-9.1	1.5
	1904	442	8,076	467	984	6,625	4,653	7,634	955	3,215	4,973	13,270	8,295	9.9	22.3
	1899	362	.....	.....	884	6,029	3,357	5,500	789	2,650	4,729	10,847	6,118	.....	.....
Lumber and timber products.	1909	40,671	784,980	48,825	41,145	695,019	2,840,082	1,176,675	47,428	318,739	508,118	1,156,129	648,011	30.5	30.7
	1904	25,153	593,342	30,738	30,038	532,566	1,886,624	733,098	31,737	245,834	340,925	884,267	523,942	4.7	16.2
	1899	28,133	.....	.....	20,940	508,766	1,658,594	541,595	18,715	188,395	304,964	740,992	396,028	.....	.....
Malt.	1909	114	2,237	52	425	1,760	26,441	60,286	884	1,248	30,464	38,222	7,788	-14.3	26.3
	1904	141	2,594	96	444	2,054	20,288	47,904	747	1,457	23,621	30,289	6,668	3.2	56.3
	1899	146	.....	.....	290	1,990	13,834	39,288	471	1,183	14,817	19,374	4,557	.....	.....
Marble and stone work. ³	1909	4,964	77,275	6,026	5,646	65,603	187,086	114,842	6,396	42,546	37,307	113,093	75,996	28.4	33.3
	1904	2,408	67,866	3,300	3,456	51,110	102,887	79,170	4,000	31,890	26,659	84,844	58,275	22.6	33.3
	1899	2,952	.....	.....	2,606	41,686	83,119	52,982	2,440	22,843	21,546	63,667	42,121	.....	.....
Matches.	1909	26	4,220	46	543	3,631	6,224	11,953	723	1,390	4,599	11,353	6,754	14.0	101.0
	1904	23	3,348	7	176	3,183	3,539	5,334	178	1,101	3,285	5,647	2,362	55.6	-6.0
	1899	22	.....	.....	66	2,047	2,666	3,893	87	613	3,421	6,006	2,583	.....	.....
Mats and matting.	1909	12	1,040	18	85	937	1,433	4,051	95	385	1,067	2,432	1,365	-49.9	65.7
	1904	12	626	13	58	625	1,524	839	67	249	574	1,243	609	-47.8	6.7
	1899	9	.....	.....	42	1,197	1,733	994	31	237	516	1,165	649	.....	.....
Mattresses and spring beds.	1909	930	14,109	860	1,918	11,322	17,689	23,735	2,039	5,771	20,483	35,783	15,300	8.6	28.9
	1904	716	12,438	757	1,284	10,427	13,220	14,514	1,253	4,816	15,326	27,755	12,429	36.3	54.6
	1899	589	.....	.....	851	7,649	7,980	7,969	770	3,102	10,227	17,956	7,729	.....	.....
Millinery and lace goods.	1909	1,579	46,301	1,934	5,166	39,201	7,918	35,705	5,381	16,208	45,400	88,894	40,854	42.5	69.2
	1904	860	31,417	1,033	2,754	27,500	4,737	17,850	2,296	10,307	20,259	50,778	24,319	63.0	72.3
	1899	591	.....	.....	1,992	16,871	1,832	10,765	1,393	5,518	15,654	29,469	13,815	.....	.....
Mineral and soda waters.	1909	4,016	22,060	5,743	3,170	13,197	19,392	42,305	2,846	6,602	16,466	43,508	27,042	20.8	43.8
	1904	3,468	16,554	4,099	1,576	10,879	12,214	28,098	1,393	5,488	10,602	30,251	20,249	23.8	30.0
	1899	2,763	.....	.....	1,423	8,788	8,037	19,727	1,161	4,080	8,565	23,269	14,704	.....	.....
Mirrors.	1909	148	3,500	131	384	2,994	3,862	4,890	450	1,763	5,905	9,571	3,666	13.0	25.9
	1904	119	3,068	117	302	2,649	2,795	3,859	332	1,575	4,587	7,605	3,018	3.7	-5.0
	1899	103	.....	.....	269	2,655	2,333	3,184	277	1,232	4,996	8,004	3,008	.....	.....
Models and patterns, not including paper patterns.	1909	709	5,450	840	439	4,171	5,496	5,576	490	2,929	2,876	8,868	5,992	50.0	95.1
	1904	547	3,678	656	242	2,780	4,358	2,896	298	1,788	922	4,545	3,623	6.6	18.5
	1899	530	.....	.....	118	2,607	3,021	2,250	113	1,545	825	3,834	3,009	.....	.....
Moving pictures.	1909	16	718	5	207	506	486	19,428	396	335	2,192	4,206	2,014	.....	.....
Mucilage and paste.	1909	127	901	108	255	538	2,335	2,717	353	286	3,283	4,918	1,635	14.5	38.3
	1904	111	728	100	158	470	1,503	2,430	166	257	2,301	3,556	1,258	2.6	39.1
	1899	116	.....	.....	166	458	1,426	1,220	155	193	1,613	2,556	943	.....	.....
Musical instruments and materials, not specified.	1909	187	2,269	187	260	1,822	1,423	3,298	348	992	3,228	2,338	.....	-14.8	-7.3
	1904	181	2,554	190	225	2,139	1,603	3,743	252	1,162	1,130	3,482	2,352	-11.1	2.6
	1899	229	.....	.....	358	2,405	1,417	3,896	147	1,232	1,305	3,395	2,190	.....	.....
Musical instruments, pianos and organs and materials.	1909	507	41,882	297	3,565	38,020	41,623	103,234	5,552	22,762	43,765	89,790	46,023	14.9	35.9
	1904	444	36,106	303	2,722	33,081	30,134	68,482	3,728	18,527	27,687	66,093	38,106	54.2	61.1
	1899	390	.....	.....	1,518	21,309	20,789	43,810	2,015	11,543	17,371	41,024	23,683	.....	.....
Needles, pins, and hooks and eyes.	1909	49	4,978	27	313	4,638	4,542	6,705	303	2,064	2,329	6,694	4,365	17.0	40.9
	1904	46	4,196	31	203	3,965	2,440	5,332	253	1,596	1,584	4,751	3,167	49.5	46.7
	1899	52	.....	.....	153	2,453	2,103	4,618	147	1,067	1,228	3,238	2,010	.....	.....
Oakum.	1909	6	129	7	9	113	289	342	14	42	242	338	106	-20.4	-6.4
	1904	6	.....	.....	5	11	367	488	14	49	281	391	120	-17.0	-18.0
	1899	7	.....	.....	10	171	373	416	17	31	264	440	156	.....	.....
Oil, castor.	1909	4	70	4	12	54	385	1,038	27	32	681	905	244	25.6	40.7
	1904	4	57	.....	14	500	625	539	27	28	487	556	143	-12.2	62.8
	1899	3	.....	.....	12	49	260	539	17	29	393	395	102	.....	.....
Oil, cottonseed, and cake.	1909	817	21,273	110	4,092	17,671	192,342	91,066	4,295	5,835	119,833	147,868	28,035	9.9	53.4
	1904	715	18,832	63	3,229	15,749	150,246	73,770	3						

COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

Table 110 Contd.	INDUSTRY.	Cen- sus.	Number of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.					Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by man- ufacture (value of products less cost of materials).	PER CENT OF INCREASE.										
				Total.	Pro- pri- etors and firm members.	Salaried em- ployees.	Wage earners (average number).	Wage earners (average number).								Wage earners (average number).	Wage earners (average number).	Wage earners (average number).	Wage earners (average number).	Wage earners (average number).	Wage earners (average number).	Wage earners (average number).	Wage earners (average number).	Wage earners (average number).	Wage earners (average number).	Wage earners (average number).
Oil, essential.	1909	68	408	73	45	290	1,218	\$1,365	\$61	\$123	\$1,255	\$1,737	\$482	119.7	18.6											
	1904	52	237	68	37	182	849	723	40	70	1,111	1,465	354	-21.4	80.2											
	1899	47	.....	.....	39	168	1,048	576	25	61	589	813	224	.....	.....									
Oil, linseed.	1909	29	1,753	9	292	1,432	13,211	18,932	740	893	31,035	36,739	5,704	7.6	33.2											
	1904	30	1,518	13	156	1,349	9,473	9,850	423	786	23,153	27,577	4,424	1.6	1.4											
	1899	48	.....	.....	285	1,328	8,491	15,461	464	693	24,396	27,184	2,788	.....	.....									
Oil, not elsewhere spec- ified.	1909	189	3,144	118	1,311	1,715	5,772	18,441	1,923	1,603	21,407	30,865	9,458	31.4	34.6											
	1904	206	2,116	148	663	1,305	5,207	11,229	882	752	14,438	22,923	8,485	-10.4	23.2											
	1899	281	.....	.....	810	1,456	3,432	10,979	991	738	18,612	17,637	7,437	.....	.....									
Oilecloth and linoleum.	1909	31	5,557	11	345	5,201	16,125	19,634	649	2,826	15,550	23,339	7,759	33.9	57.8											
	1904	27	4,112	12	217	3,883	10,112	13,803	361	1,944	10,650	14,792	4,742	20.2	29.7											
	1899	27	.....	.....	153	3,230	7,561	8,879	296	1,628	7,550	11,403	3,853	.....	.....									
Oleomargarine.	1909	12	773	1	166	606	2,408	3,558	275	413	4,497	8,148	1,651	16.1	46.2											
	1904	14	730	2	206	522	1,560	1,551	253	316	4,398	5,574	1,176	-51.8	-55.4											
	1899	24	.....	.....	394	1,084	1,356	3,024	412	534	7,440	12,500	4,860	.....	.....									
Optical goods.	1909	217	7,809	163	1,248	6,398	5,725	10,147	1,157	3,394	4,187	11,735	7,548	47.8	91.8											
	1904	122	4,742	96	316	4,330	3,410	5,381	427	1,923	2,320	6,117	3,797	16.6	17.4											
	1899	91	.....	.....	375	3,715	2,544	4,212	287	1,599	2,101	5,211	3,110	.....	.....									
Paint and varnish.	1909	791	21,896	456	7,200	14,240	56,162	103,905	10,378	8,271	79,016	124,889	45,873	22.4	37.5											
	1904	639	16,480	439	4,408	11,633	41,288	75,486	5,677	6,264	59,827	90,840	31,013	20.0	30.6											
	1899	690	.....	.....	3,710	9,697	30,443	60,053	4,501	4,926	44,739	69,562	24,823	.....	.....									
Paper and wood pulp.	1909	777	81,473	250	5,245	75,978	1,304,965	409,348	9,510	40,505	165,442	267,637	102,215	15.2	41.8											
	1904	764	70,451	309	3,778	65,964	1,093,708	277,444	6,097	32,019	111,252	188,715	77,463	32.9	48.2											
	1899	763	.....	.....	2,935	49,646	762,118	167,508	4,501	20,746	70,530	127,326	56,796	.....	.....									
Paper goods, not else- where specified.	1909	403	22,385	228	2,946	10,211	27,067	48,662	3,701	8,169	31,249	55,171	23,922	30.5	62.5											
	1904	308	16,696	236	1,734	14,726	16,226	27,345	1,993	5,577	19,645	33,946	14,301	51.4	39.4											
	1899	246	.....	.....	1,092	9,727	10,421	18,152	1,342	3,658	14,191	24,355	10,164	.....	.....									
Paper patterns.	1909	27	1,755	22	812	921	751	4,578	675	407	646	2,611	1,965	-14.9	15.3											
	1904	26	1,790	15	683	92	38	2,237	490	445	337	2,265	1,928	-29.6	.....										
	1899	15	.....	.....	92	835	9	256	72	262	125	562	437	.....	.....									
Patent medicines and compounds and drug- gist's preparations.	1909	3,642	41,101	2,802	15,404	22,805	25,659	99,942	17,007	9,897	50,376	141,942	91,566	11.8	20.9											
	1904	2,777	32,248	2,203	9,483	20,472	17,008	75,607	9,275	7,913	39,494	117,430	77,942	7.6	32.3											
	1899	2,154	.....	.....	8,094	19,028	12,797	56,173	8,665	6,910	31,950	88,791	56,841	.....	.....									
Paving materials.	1909	49	1,731	31	281	1,419	5,577	11,410	373	750	3,478	6,229	2,751	-26.1	23.8											
	1904	54	2,106	30	157	1,919	5,156	5,218	107	953	2,668	5,033	2,867	-21.2	27.9											
	1899	89	.....	.....	173	2,436	34,397	13,404	184	1,144	1,882	3,936	2,354	.....	.....									
Peanuts, grading, roast- ing, cleaning, and shell- ing.	1909	46	2,177	35	193	1,949	1,627	3,646	290	351	8,012	9,737	1,125	43.7	34.1											
	1904	30	1,490	18	116	1,356	1,802	1,169	122	205	6,324	7,261	937	.....	.....									
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pencils, lead.	1909	11	4,513	4	375	4,134	3,448	7,867	697	1,712	3,596	7,379	3,783	34.9	66.7											
	1904	8	3,351	3	281	3,065	2,625	4,981	396	1,029	1,804	4,426	2,022	41.8	99.2											
	1899	7	.....	.....	13	2,162	1,369	2,227	112	683	1,601	2,222	1,101	.....	.....									
Pens, fountain, stylo- graphic, and gold.	1909	65	1,820	51	544	1,225	569	3,121	554	712	2,246	4,739	2,493	31.3	70.8											
	1904	49	1,196	39	224	933	347	1,545	168	533	1,166	2,774	1,488	34.1	62.6											
	1899	45	.....	.....	146	696	57	1,087	148	371	664	1,706	1,042	.....	.....									
Pens, steel.	1909	5	755	1	56	698	244	804	86	230	95	577	482	5.4	21.7											
	1904	5	736	1	72	663	214	576	60	205	103	474	371	.....	61.2										
	1899	3	.....	.....	13	473	788	397	21	138	52	294	242	.....	.....									
Petroleum refining.	1909	147	16,640	42	2,669	13,929	90,268	181,916	3,920	9,830	190,273	236,968	37,725	-16.9	35.4											
	1904	98	18,708	24	1,974	16,730	40,019	136,281	2,724	9,889	130,387	175,065	35,618	37.4	41.2											
	1899	67	.....	.....	1,201	12,196	36,127	85,328	1,811	6,717	102,859	128,929	21,070	.....	.....									
Photographs and graph- ophones.	1909	18	5,928	2	727	5,199	6,371	14,363	945	2,841	3,099	11,726	8,627	53.0	14.5											
	1904	14	3,940	6	537	3,397	6,060	8,741	666	1,684	4,101	10,237	6,078	1.1	355.8											
	1899	11	.....	.....	144	1,297	1,082	3,348	179	608	828	2,246	1,418	.....	.....									
Photographic apparatus and materials.	1909	103	6,596	59	1,342	5,195	8,637	18,918	1,462	3,037	6,708	22,561	15,833	36.3	73.2											
	1904	130	5,041	74	1,155	3,812	5,061	7,720	1,109	1,746	4,162	13,023	8,581	10.7	67.0											
	1899	153	.....	.....	469	3,444	3,412	5,518	453	1,493	3,378	7,799	4,421	.....	.....									
Photo-engraving.	1909	313	7,277	233	1,701	5,242	2,638	5,474	1,849	4,750	2,134	11,624	9,490	37.8	59.9											
	1904	233	5,071	227	968	3,876	1,925	4,071	964	2,916	1,303	7,268	5,965	44.7	73.5											
	1899	293	.....	.....	484	2,694	1,940	1,994	450	1,750	729	4,190	3,463	.....	.....									
Pipes, tobacco.	1909	62	3,690	70	245	2,775	1,506	3,528	283	1,255	2,459	5,312	2,853	42.5	87.4											
	1904	86	2,111	82	147	1,947	1,058	1,256	81	831	1,354	2,834	1,489	12.2	14.6											
	1899	98	.....	.....	120	1,585	553	1,111	109	738	1,106	2,472	1,366	.....	.....									
Pottery, terra-cotta, and fire-clay products.	1909	822	61,022	452	4,402	56,168	110,017	141,350	5,813	29,733	21,911	76,119	54,208	7.1	18.6											
	1904	873	56,730	530	5,752	52,428	104,618	110,926	4,628	25,178	16,501	64,203	47,963	19.9	45.0											
	1899	1,000	2,777	45,714	75,802	118,773	65,352	5,012	17,662	11,915	44,263	32,348										
Printing and publishing.	1909	31,445	388,466	30,424	99,698	258,434	297,763	588,346	103,458	164,628	201,775	737,876	536,101	18.0	33.6											
	1904	27,793	316,047	28,368	68,592	219,087	166,380	452,854	67,748	127,196	142,514	552,423	409,820	12.2	38.8											
	1899	25,814	.....	.....	60,685	195,200	118,773	358,003	39,476	99,816	103,654	395,187	291,533	.....	.....									
Pulp goods.	1909	14	852	1	98	783	3,125	2,680	124	377	971	1,770	799	12.5	30.7											
	1904	17	759	7	56	765	3,198	2,388	83	719	1,407	2,408	748													

COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

INDUSTRY.	Cens.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).	PER CENT OF INCREASE.		
			Total.	Proprietors and firm members.	Salaried employees.	Wage earners (average number).								Wage earners (average number).	Value of products.	Value of products.
Expressed in thousands.																
Pumps, not including steam pumps.	1909	102	2,623	87	400	2,136	4,214	\$6,018	\$420	\$1,258	\$2,487	\$5,583	\$3,096	52.1	95.7	
	1904	115	1,721	113	204	1,404	2,569	3,230	215	719	1,193	2,853	1,690	122.2	112.6	
	1899	130	.....	.....	95	632	1,245	1,261	84	247	638	1,342	704	.....	.....
Rice, cleaning and polishing.	1909	71	1,777	38	500	1,239	19,519	13,347	613	564	19,501	22,371	2,870	-17.0	37.3	
	1904	74	1,961	33	436	1,492	15,866	8,821	549	641	13,315	16,297	2,982	129.2	86.8	
	1899	80	.....	.....	169	651	7,546	2,601	182	266	7,576	8,724	1,148	.....	.....
Roofing materials.	1909	117	3,330	46	1,019	2,465	9,431	15,349	1,381	1,339	12,458	19,204	6,746	-72.0	-3.4	
	1904	307	10,162	314	1,029	8,819	23,022	16,925	1,162	4,068	10,842	19,871	9,029	16.1	45.1	
	1899	267	.....	.....	695	7,593	18,217	10,814	663	3,072	6,886	13,691	6,805	.....	.....
Rubber goods, not elsewhere specified.	1909	227	31,284	102	4,661	26,521	79,062	98,507	5,406	14,120	82,192	128,436	46,244	25.2	103.9	
	1904	224	23,651	103	2,364	21,184	48,381	46,298	2,857	9,412	38,912	62,996	24,084	3.8	19.7	
	1899	261	.....	.....	1,825	20,404	40,835	39,302	2,216	8,082	33,482	52,622	19,140	.....	.....
Rules, Ivory and wood.	1909	9	127	9	9	109	167	104	11	51	31	144	113	-26.8	-42.2	
	1904	13	177	12	15	149	318	253	15	55	55	249	194	-30.0	19.7	
	1899	11	.....	.....	14	213	303	203	12	67	73	208	135	.....	.....
Safes and vaults.	1909	42	4,060	8	709	3,343	5,546	8,944	1,058	2,072	3,443	8,491	5,048	-4.2	8.0	
	1904	31	3,918	15	415	3,488	4,090	7,326	723	2,162	3,211	7,891	4,650	71.6	100.1	
	1899	35	.....	.....	272	2,033	2,209	5,480	283	1,017	1,689	3,928	2,239	.....	.....
Salt.	1909	124	5,580	74	570	4,935	27,263	29,012	719	2,531	5,203	11,328	6,125	5.8	20.0	
	1904	146	5,171	87	418	4,666	19,434	25,586	487	2,066	4,166	9,438	5,272	-2.3	18.5	
	1899	159	.....	.....	406	4,774	23,865	27,123	500	1,911	3,336	7,967	4,631	.....	.....
Sand and emery paper and cloth.	1909	10	779	9	159	611	3,351	4,400	210	370	2,382	4,358	1,976	100.3	195.1	
	1904	8	356	11	40	305	1,133	1,206	78	183	1,055	1,477	422	11.3	25.6	
	1899	9	.....	.....	63	274	898	1,372	98	144	681	1,176	495	.....	.....
Saws.	1909	96	5,757	84	841	4,832	11,852	14,855	966	2,856	4,912	11,536	6,624	3.9	17.5	
	1904	83	5,301	75	576	4,650	7,491	11,288	623	2,707	4,036	9,820	5,784	44.6	52.4	
	1899	96	.....	.....	312	3,215	5,493	8,509	329	1,693	2,600	6,444	3,844	.....	.....
Scales and balances.	1909	87	4,275	44	672	3,559	6,183	10,183	815	2,186	2,704	8,786	6,082	13.6	46.4	
	1904	85	3,641	77	431	3,133	3,251	8,513	477	1,755	1,633	6,003	4,370	12.9	14.6	
	1899	89	.....	.....	305	2,775	2,466	6,308	297	1,437	1,533	5,240	3,707	.....	.....
Screws, machine.	1909	43	1,893	32	164	1,667	3,319	3,728	199	970	1,160	3,014	1,854	-15.2	11.1	
	1904	26	2,189	15	209	1,965	3,201	4,133	244	942	951	2,712	1,761	26.2	31.7	
	1899	25	.....	.....	108	1,557	1,407	2,467	126	703	797	2,059	1,262	.....	.....
Screws, wood.	1909	11	3,758	1	293	3,464	5,618	9,570	375	1,454	2,209	6,199	3,890	132.8	190.5	
	1904	7	1,647	1	158	1,488	3,715	5,969	193	559	732	2,134	1,402	-24.5	-17.9	
	1899	8	.....	.....	139	1,970	3,490	5,465	169	721	923	2,600	1,677	.....	.....
Sewing machines, cases, and attachments.	1909	47	20,556	14	1,246	19,296	19,426	33,184	1,423	11,102	11,455	25,202	16,807	12.7	8.1	
	1904	54	18,064	19	924	17,121	17,162	32,583	1,152	9,493	10,701	26,142	15,441	28.1	23.7	
	1899	64	.....	.....	704	13,365	10,069	20,804	933	7,331	9,458	21,125	11,667	.....	.....
Shipbuilding, including boat building.	1909	1,333	44,949	1,463	2,980	40,506	88,063	126,118	4,035	25,268	31,214	73,690	42,146	-20.2	-11.4	
	1904	1,097	54,424	1,190	2,480	50,754	78,127	121,624	3,340	29,241	37,463	82,769	45,306	8.6	11.1	
	1899	1,107	.....	.....	1,405	46,747	61,797	77,341	2,007	24,825	33,475	74,532	41,057	.....	.....
Shoddy.	1909	88	2,320	83	196	2,041	13,820	6,887	290	907	5,091	7,446	2,445	-2.3	-11.4	
	1904	97	2,371	110	172	2,089	12,244	5,804	245	6,056	8,406	2,350	8.5	24.9		
	1899	105	.....	.....	139	1,926	11,455	5,273	167	749	4,875	6,731	1,856	.....	.....
Show cases.	1909	149	3,943	154	399	3,390	4,746	5,369	505	2,017	3,140	7,167	4,027	10.0	25.3	
	1904	141	3,522	135	305	3,082	4,087	3,143	330	1,681	2,374	5,722	3,348	126.1	131.8	
	1899	102	.....	.....	106	1,363	1,232	1,153	88	708	1,058	2,468	1,410	.....	.....
Signs and advertising novelties. ¹	1909	288	7,277	211	1,526	5,540	3,790	9,647	1,476	3,105	4,709	13,546	8,837	.....	.....
Silk and silk goods, including throwsters.	1909	852	105,238	664	5,537	99,637	97,947	152,158	7,527	38,570	107,767	196,912	89,145	24.4	47.7	
	1904	624	84,153	535	4,027	79,601	71,760	108,557	4,749	25,788	75,861	133,348	57,427	21.7	24.3	
	1899	483	.....	.....	2,657	65,416	57,397	81,082	3,134	20,982	62,407	107,256	44,849	.....	.....
Silverware and plated ware.	1909	183	18,774	114	2,050	16,610	15,183	46,759	2,745	10,282	18,332	42,229	23,897	11.8	28.6	
	1904	158	16,306	120	1,824	14,966	12,823	37,732	1,827	7,825	14,459	32,840	18,381	21.8	28.8	
	1899	169	.....	.....	1,129	12,205	8,486	30,628	1,457	6,531	11,659	26,114	14,455	.....	.....
Slaughtering and meat packing.	1909	1,641	108,716	1,659	17,329	99,728	208,707	383,249	29,054	51,645	1,202,828	1,370,568	167,740	19.0	48.6	
	1904	1,221	88,819	1,324	12,066	75,399	119,311	240,319	13,453	41,097	811,426	922,038	101,612	8.9	17.0	
	1899	1,080	.....	.....	10,317	69,264	87,060	190,209	10,211	33,846	685,310	788,368	103,058	.....	.....
Smelting and refining, copper.	1909	28	16,832	7	1,197	15,628	158,126	111,443	2,419	13,396	333,532	378,806	45,274	22.6	57.3	
	1904	40	13,562	1	809	12,552	76,824	78,825	1,527	10,827	196,737	240,780	44,043	12.6	45.8	
	1899	47	.....	.....	488	11,324	61,630	53,063	955	8,529	122,174	165,132	42,958	.....	.....
Smelting and refining, lead.	1909	28	8,109	.....	635	7,424	26,954	132,310	1,476	5,431	151,963	167,406	15,443	-9.0	-9.9
	1904	32	8,052	.....	524	7,573	25,667	68,423	888	3,375	168,958	185,827	16,869	-2.0	5.9
	1899	39	.....	.....	425	8,319	16,342	72,149	755	5,089	144,195	175,466	31,271	.....	.....
Smelting and refining, zinc.	1909	29	7,156	3	498	6,655	21,457	27,769	993	4,249	25,230	34,206	8,976	1.9	38.0	
	1904	31	6,894	2	354	6,528	18,404	23,702	581	8,826	17,028	24,791	7,763	34.1	36.3	
	1899	31	.....	.....	208	4,869	11,445	14,142	440	2,356	18,188	24,902	6,715	.....	.....
Smelting and refining, not from the ore.	1909	89	2,596	73	376	2,147	10,705	13,834	570	1,281	23,162	28,072	4,910	25.4	61.3	
	1904	65	1,994	57	225	1,712	17,111	9,807	354	995	13,760	17,403	3,643	74.2	123.5	
	1899	61	.....	.....	203	983	8,633	5,201	229	532	5,900	7,785	1,885	.....	.....

¹ Included in other classifications in 1904 and 1899.

COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

INDUSTRY.	Cen- sus.	PERSONS ENGAGED IN INDUSTRY.					Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture (value of products less cost of materi- als).		PER CENT OF INCREASE.		
		Total.	Propri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).	Wage earners (average number).							Value of prod- ucts.	Wage earners (avere- age num- ber).	Value of prod- ucts.	Value	
																Value of prod- ucts.	Value of prod- ucts.
Expressed in thousands.																	
Soap ¹	1909	420	18,393	329	5,065	12,999	28,360	\$71,951	\$5,506	\$6,227	\$72,179	\$111,358	\$39,179	17.7	63.1		
	1904	390	14,301	306	3,058	11,044	20,228	54,816	3,908	4,763	45,626	68,275	24,649	16.4	58.3		
	1899	358	.....	.....	2,738	9,487	17,531	38,068	2,777	3,755	33,143	53,231	20,898	.....	.....
Soda-water apparatus.....	1909	63	2,399	40	592	1,797	2,894	8,589	624	1,239	2,443	6,556	4.11	22.3	41.5		
	1904	37	1,329	27	332	1,469	1,533	2,413	246	1,924	1,624	3,710	52.3	53.7	.....	
	1899	30	.....	.....	227	963	1,183	4,202	244	550	997	3,014	2,018	.....	.....
Sporting and athletic goods.	1909	180	5,993	155	517	5,321	3,243	6,617	617	2,165	5,565	11,025	5,487	24.9	57.2		
	1904	152	4,757	130	393	4,260	2,995	4,249	319	1,641	7,032	4,069	91.3	.....	.....
	1899	143	.....	.....	168	2,225	1,133	2,015	167	810	1,802	3,628	1,326	.....	.....
Springs, steel, car and carriage.	1909	54	3,573	24	353	3,196	7,349	8,734	590	1,853	4,727	9,095	4,273	29.1	56.9		
	1904	52	2,774	28	270	2,476	5,510	4,016	353	1,243	2,742	5,741	3,990	17.8	.....	
	1899	48	.....	.....	166	2,102	3,185	4,684	275	1,061	3,025	5,690	2,665	.....	.....
Stationery goods, not elsewhere specified.	1909	153	7,938	103	1,629	6,206	6,842	13,558	1,897	2,736	7,744	16,647	8,903	44.5	87.7		
	1904	145	5,095	115	353	4,235	3,995	6,909	751	1,500	3,920	4,947	41.7	75.0	.....	
	1899	113	.....	.....	453	3,032	1,706	4,495	412	953	2,128	5,066	2,938	.....	.....
Statuary and art goods ²	1909	194	2,172	275	198	1,699	462	2,221	127	1,339	680	3,442	2,762	12.7	42.4		
	1904	135	1,812	191	114	1,507	466	1,699	127	1,030	392	2,417	2,025	.....	.....
Steam packing.....	1909	153	4,963	82	1,233	3,648	11,129	14,126	1,356	1,811	6,650	12,160	5,510	33.4	35.8		
	1904	106	3,240	55	450	2,734	8,846	12,253	394	1,272	3,896	8,932	5,056	138.4	156.2		
	1899	97	.....	.....	290	1,147	4,488	2,691	326	525	1,546	3,494	1,948	.....	.....
Stereotyping and electro- typing.	1909	174	3,661	133	673	2,859	4,076	3,826	800	2,312	1,765	6,384	4,619	6.4	27.6		
	1904	146	3,301	132	490	2,679	2,878	3,298	517	1,993	1,032	5,005	3,973	11.3	32.7		
	1899	140	.....	.....	330	2,408	4,520	2,389	312	1,459	977	3,772	3,005	.....	.....
Stoves and furnaces, in- cluding gas and oil stoves. ³	1909	576	42,921	244	5,547	37,130	43,524	86,944	6,975	22,944	29,338	78,853	49,515	11.2	26.9		
	1904	494	37,292	206	3,582	33,404	32,017	62,953	4,499	19,770	22,271	62,133	39,862	.....	.....
Sugar and molasses, not including beet sugar. ⁴	1909	233	15,658	204	1,928	13,526	160,603	153,167	2,392	7,484	247,583	279,249	31,665	-0.2	0.7		
	1904	344	15,799	364	1,866	13,549	140,650	165,463	2,154	7,576	244,773	277,285	32,532	-4.1	15.7		
	1899	657	.....	.....	1,876	14,129	152,569	184,033	1,682	6,915	221,335	239,711	18,326	.....	.....
Sulphuric, nitric, and mixed acids. ⁵	1909	42	2,682	2	330	2,252	6,494	18,726	551	1,495	5,386	9,884	4,498	-8.0	9.2		
	1904	32	2,757	2	308	2,447	5,416	12,762	556	1,505	4,973	4,080	4,080	.....	.....
Surgical appliances and artificial limbs.	1909	324	5,805	319	1,248	4,241	5,752	11,045	1,483	2,129	5,372	12,399	7,027	34.5	70.6		
	1904	284	4,049	289	607	3,153	3,214	5,825	594	1,376	2,866	7,269	4,403	76.3	55.3		
	1899	306	.....	.....	440	1,788	1,254	2,778	414	767	1,418	4,682	3,264	.....	.....
Tin plate and terneplate.	1909	31	5,846	4	490	5,352	8,154	10,995	620	3,315	41,889	47,970	6,081	10.4	36.0		
	1904	36	5,132	1	284	4,847	8,990	10,813	310	2,383	31,376	35,283	3,907	32.0	10.6		
	1899	57	.....	.....	333	3,671	3,515	6,650	291	1,890	26,728	31,892	5,164	.....	.....
Tin foil.....	1909	10	762	8	71	683	1,699	2,505	92	304	2,277	3,419	1,142	-10.8	22.3		
	1904	14	847	11	70	766	1,388	1,918	86	303	1,888	2,795	907	31.6	75.5		
	1899	15	.....	.....	45	582	854	2,094	59	228	1,074	1,593	519	.....	.....
Tobacco manufactures.....	1909	15,822	197,637	17,634	13,193	166,810	28,514	245,660	16,779	69,355	177,186	416,695	239,509	4.6	25.8		
	1904	16,827	187,652	19,011	9,235	159,406	24,604	323,982	8,800	62,639	126,086	331,111	205,025	20.3	25.6		
	1899	14,959	.....	.....	7,836	132,526	22,296	111,517	8,593	47,975	92,867	263,713	170,846	.....	.....
Toys and games.....	1909	226	6,072	185	582	5,305	5,323	6,541	661	2,227	3,554	8,294	4,710	22.5	48.2		
	1904	161	4,792	133	329	4,330	4,757	4,831	366	1,614	2,289	5,578	3,289	30.6	39.1		
	1899	169	.....	.....	204	3,316	3,155	3,279	184	1,119	1,665	4,010	2,345	.....	.....
Turpentine and rosin.....	1909	1,585	44,524	2,567	2,446	39,511	4,129	12,401	1,655	9,363	4,911	25,295	20,384	18.4	5.7		
	1904	1,287	37,526	1,997	2,147	33,382	1,175	6,961	1,152	8,383	3,775	23,937	20,162	-21.3	17.7		
	1899	1,503	.....	.....	1,889	41,864	866	11,848	779	9,893	6,186	20,345	14,159	.....	.....
Type founding and print- ing materials.	1909	122	2,997	78	493	2,026	1,948	6,793	560	1,191	1,772	4,703	2,931	12.4	19.5		
	1904	98	2,255	84	308	1,903	1,497	5,926	387	1,123	1,119	2,935	2,816	-9.1	0.1		
	1899	92	.....	.....	247	1,984	1,331	3,175	274	1,036	1,270	3,361	2,661	.....	.....
Typewriters and supplies	1909	89	12,101	34	2,489	9,578	6,845	26,309	2,707	6,221	4,077	19,719	15,642	53.7	85.3		
	1904	66	7,509	29	1,248	6,232	4,455	16,642	1,246	3,469	1,870	10,640	8,770	43.3	53.5		
	1899	47	.....	.....	532	4,340	2,272	8,400	480	2,404	1,402	6,932	5,530	.....	.....
Umbrellas and canes.....	1909	256	6,505	299	734	5,472	2,413	9,556	915	2,253	10,056	15,864	5,808	1.6	19.3		
	1904	204	6,155	242	527	5,386	2,122	8,951	474	1,286	8,250	13,296	5,046	-4.5	-2.7		
	1899	202	.....	.....	587	5,640	1,457	4,605	504	1,869	8,861	13,669	5,288	.....	.....
Upholstering materials.....	1909	230	4,777	214	496	4,067	17,456	10,297	587	1,689	8,069	13,054	4,985	-13.7	3.0		
	1904	236	5,405	244	449	4,712	15,604	9,293	526	1,867	7,977	12,678	4,701	-7.6	26.2		
	1899	270	.....	.....	358	5,098	11,351	7,594	364	1,715	5,882	10,048	4,166	.....	.....
Vault lights and ventila- tors.	1909	37	453	27	99	327	294	607	109	228	338	957	619	47.3	97.7		
	1904	24	278	28	28	222	174	241	31	154	161	484	323	60.9	43.2		
	1899	14	.....	.....	11	138	103	121	13	81	141	338	197	.....	.....
Vinegar and cider.....	1909	963	3,073	1,050	481	1,542	16,681	10,879	539	723	4,964	8,448	3,484	0.9	16.3		
	1904	568	2,514	645	341	1,528	10,556	7,520	359	725	3,852	7,265	3,413	-1.9	22.5		
	1899	613	.....	.....	451	1,557	16,849	5,630	391	613	3,134	5,932	2,798	.....	.....
Wall paper.....	1909	45	4,746	10	699	4,037	5,680	14,153	1,054	2,039	7,623	14,449	6,826	3.2	14.3		
	1904	44	4,423	15	497	3,913	4,867	12,354	692	1,868	6,658	12,637	5,979	-6.2	18.5		
	1899	51	.....	.....	512	4,172	4,573	8,890	817	2,074	6,673	10,663	4,590	.....	.....

¹ Includes "candles" in 1899.² Included in other classifications in 1899.³ Stoves and furnaces, not including gas and oil stoves, included in "foundry and machine-shop products" in 1899.⁴ Includes 214 establishments reported as "sugar and molasses" and 19 as "sugar, refining, not including

COMPARATIVE SUMMARY FOR THE UNITED STATES, BY SPECIFIED INDUSTRIES: 1909, 1904, AND 1899—Continued.

[See explanatory notes on the first page of this table.]

INDUSTRY.	Cens. sus.	Number of estab- lish- ments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by man- ufacture (value of products less cost of materi- als).	PER CENT OF INCREASE.			
			Total.	Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).								Wage earnings (average num- ber).	Value of prod- ucts.	Wage earnings (average num- ber).	Value of prod- ucts.
Wall plaster ¹	1909	198	5,624	60	773	4,791	25,892	\$16,885	\$1,049	\$2,391	\$6,007	\$12,804	\$6,797	27.5	26.0		
	1904	176	4,459	72	629	3,758	20,054	13,204	620	1,890	4,726	10,164	5,438				
Washing machines and clothes machines.....	1909	100	2,294	76	383	1,835	3,351	5,318	466	904	2,837	5,825	2,988	13.1	51.7		
	1904	92	1,891	68	171	1,622	3,564	2,952	148	684	2,213	3,839	1,626	7.5	2.8		
	1899	118			104	1,509	2,732	2,405	104	549	2,175	3,735	1,560				
Waste.....	1909	53	2,129	41	191	1,897	4,286	6,125	290	716	8,837	11,398	2,561	21.7	36.6		
	1904	41	1,716	41	116	1,559	3,863	3,686	164	495	6,825	8,343	1,518	42.9	71.0		
	1899	25			55	1,091	2,193	2,437	85	327	4,600	4,880	880				
Wheelbarrows.....	1909	24	775	17	94	664	1,486	1,510	81	321	715	1,625	910	13.7	37.9		
	1904	26	665	12	69	584	1,282	1,045	76	296	494	1,178	684	81.9	159.5		
	1899	15			31	321	762	514	27	127	180	454	274				
Whips.....	1909	57	1,946	90	310	1,546	1,321	3,900	323	704	1,585	3,939	2,364	-0.5	25.5		
	1904	58	1,771	43	174	1,554	1,068	3,368	184	603	1,253	3,147	1,804	20.7	15.1		
	1899	60			228	1,287	818	1,894	246	478	1,278	2,734	1,456				
Windmills.....	1909	34	2,742	18	387	2,337	3,301	5,636	479	1,403	3,331	6,677	3,346	21.2	39.2		
	1904	53	2,341	25	387	1,929	3,694	5,837	392	969	2,308	4,795	2,487	-5.7	10.1		
	1899	68			281	2,045	2,214	4,369	250	940	2,172	4,354	2,182				
Window shades and fix- tures.....	1909	219	4,770	194	646	3,930	5,737	10,334	807	1,918	12,653	18,571	5,918	49.8	107.9		
	1904	144	3,165	132	409	2,624	2,705	5,977	480	1,086	5,947	8,931	2,984	45.7	10.6		
	1899	96			292	1,801	1,927	5,184	323	752	5,575	8,072	2,497				
Wire.....	1909	56	19,945	15	1,846	18,084	71,959	60,157	2,199	10,316	60,543	84,486	23,943	281.8	322.8		
	1904	25	5,325	7	581	4,737	25,856	14,899	793	2,859	30,663	37,914	7,851	195.5	102.4		
	1899	29			94	1,603	9,979	4,242	136	860	7,014	9,421	2,407				
Wirework, including wire rope and cable.....	1909	611	14,994	484	2,162	12,348	20,131	34,970	2,674	6,331	24,394	41,938	17,544	-7.7	26.9		
	1904	649	15,967	652	1,936	13,379	18,280	26,894	2,117	6,100	17,856	33,038	15,182	46.3	66.5		
	1899	596			995	9,142	12,772	16,345	940	3,894	10,813	19,840	9,027				
Wood carpet.....	1909	10	221	9	28	184	269	423	33	138	228	490	262	-50.7	-38.8		
	1904	20	445	22	50	373	473	330	45	269	351	801	450	-38.7	-24.2		
	1899	51			49	608	534	412	35	362	418	1,057	639				
Wood distillation, not in- cluding turpentine and rosin. ²	1909	120	3,095	56	318	2,721	9,854	13,017	355	1,463	5,876	9,737	3,861	19.8	24.6		
	1904	141	2,655	82	301	2,272	4,620	10,507	298	1,067	4,848	7,813	2,965				
Wood preserving.....	1909	53	2,875	1	471	2,403	10,647	12,408	517	1,066	9,328	14,099	4,771	226.1	318.6		
	1904	26	859	7	115	737	3,439	2,935	158	315	2,463	3,368	905	54.2	40.6		
	1899	21			54	478	1,007	1,230	57	205	1,825	2,396	571				
Wood, turned and carved.	1909	1,050	16,243	1,097	1,007	14,139	48,447	18,334	1,045	6,213	9,744	22,199	12,455	-3.7	10.1		
	1904	1,097	16,837	1,226	924	14,687	47,595	16,842	829	6,031	8,578	20,169	11,591	27.1	40.9		
	1899	1,166			565	11,558	31,133	10,280	488	4,371	5,830	14,318	8,188				
Wool pulling.....	1909	37	759	37	91	631	1,366	3,248	132	387	4,103	5,181	1,078	-7.3	487.4		
	1904	34	786	40	65	681	1,324	2,534	74	365	104	882	778	43.4	66.1		
	1899	34			35	475	820	945	35	248	54	531	477				
Wool scouring.....	1909	28	1,262	18	162	1,142	6,782	3,255	143	558	2,122	3,289	1,167	46.6	212.3		
	1904	27	852	18	55	779	3,478	1,188	78	398	215	1,053	838	8.2	18.3		
	1899	25			45	720	2,900	1,061	72	339	194	890	696				
Woolen, worsted, and felt goods, and wool hats.	1909	985	175,176	732	5,722	168,722	362,209	430,579	10,097	72,427	282,878	435,979	153,101	15.0	36.5		
	1904	1,074	152,306	958	4,593	146,755	288,969	314,081	6,781	57,073	204,613	319,348	114,735	12.3	28.4		
	1899	1,281			3,808	130,697	244,825	265,730	5,574	46,812	153,930	248,798	94,868				
All other industries ³	1909	8	132	11	25	96	136	254	39	67	115	390	275	-78.0	-63.1		
	1904	15	494	8	50	436	1,767	3,860	59	263	386	1,058	672	-64.1	-60.1		
	1899	17			97	1,215	2,354	4,078	113	687	988	2,630	1,662				

¹ Included in "lime and cement" in 1899.² Included in "chemicals" in 1899.³ All other industries embrace "Millstones," 1 establishment, "ordnance and accessories," 2; "pulp, from fiber other than wood," 2; "straw goods, not elsewhere specified," 2; and "whalebone cutting," 1, in 1909. "Millstones," 2; "ordnance and accessories," 4; "pulp, from fiber other than wood," 1; "straw goods, not elsewhere specified," 6; "whalebone cutting," 2, in 1904. "Millstones," 3; "ordnance and accessories," 4; "pulp, from fiber other than wood," 3; "straw goods, not elsewhere specified," 4; "whalebone cutting," 3, in 1899.

COMPARATIVE SUMMARY FOR THE UNITED STATES, BY STATES: 1909, 1904, AND 1899.

NOTE.—Primary horsepower includes power generated in manufacturing establishments plus electric and other power rendered from outside sources; it does not include electric power generated by primary units of the establishments reporting.

[A minus sign (—) denotes decrease.]

Table 111	DIVISION AND STATE.	Cen- sus.	PERSONS ENGAGED IN INDUSTRY.					Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facturing (value of products less cost of materials).		PER CENT OF INCREASE.	
			Total.	Pro- pri- etors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).	Value added by manu- facturing (value of products less cost of materials).							Wage earners (aver- age num- ber).	Value of products.	PER CENT OF INCREASE.	
																Value added by manu- facturing (value of products less cost of materials).	Value of products.
	United States....	1909	268,491	7,678,578	273,265	790,267	6,615,046	18,675,378	\$18,428,270	\$338,975	\$3,427,038	\$12,142,791	\$20,672,652	\$8,529,261	21.0	33.7	
	1904	216,180	6,213,612	225,673	619,595	5,468,383	13,487,707	12,675,531	2,749,439	2,104,445	8,550,205	14,793,903	6,293,695	16.0	29.7		
	1899	207,514	.....	.....	384,120	4,712,763	10,097,933	8,975,256	570,731	2,005,951	6,975,851	11,066,327	4,831,676	.....	.....
GEOGRAPHIC DIVISIONS:																	
	New England.....	1909	25,351	1,212,158	24,171	86,469	1,101,290	2,715,121	2,503,854	112,284	557,631	1,476,297	2,670,065	1,193,768	17.1	31.8	
	1904	22,279	1,023,708	22,698	60,265	940,752	2,125,815	1,870,955	72,799	439,050	1,116,273	2,025,999	909,256	10.4	22.0		
	1899	22,576	.....	.....	45,402	851,903	1,792,342	1,507,630	53,396	367,674	904,037	1,650,348	756,311	.....	.....
	Middle Atlantic....	1909	81,315	2,576,677	85,516	283,414	2,307,747	5,531,502	6,505,675	345,266	1,182,568	4,159,498	7,141,761	2,982,263	17.0	36.9	
	1904	67,699	2,148,379	74,525	187,289	1,886,565	4,255,264	4,742,357	213,371	926,145	2,961,995	5,078,266	2,256,271	17.6	28.1		
	1899	65,834	.....	.....	127,326	1,604,844	3,139,128	3,450,619	141,943	729,365	2,311,404	4,214,719	1,763,315	.....	.....
	East North Central.	1909	60,013	1,786,808	57,271	215,773	1,513,764	4,382,070	4,547,225	250,508	827,152	3,034,472	5,211,702	2,177,230	23.6	44.6	
	1904	51,754	1,415,888	50,531	140,829	1,274,528	3,120,309	2,895,446	151,992	615,643	2,065,537	3,605,368	1,559,831	14.1	26.4		
	1899	50,121	.....	.....	103,550	1,073,322	2,401,808	2,036,117	101,500	473,490	1,647,577	2,833,056	1,205,479	.....	.....
	West North Central.	1909	27,371	464,460	26,683	63,440	374,337	1,101,990	1,171,572	69,504	204,792	1,241,855	1,803,899	562,044	19.8	40.4	
	1904	21,492	374,787	21,394	41,032	312,361	753,700	857,904	41,303	157,843	802,011	1,284,446	425,445	17.4	32.0		
	1899	20,732	.....	.....	30,606	266,051	605,098	577,453	29,127	117,209	647,565	972,969	323,404	.....	.....
	South Atlantic....	1909	28,088	745,830	30,783	52,032	665,015	1,832,001	1,368,475	57,272	244,378	790,005	1,381,186	591,181	26.9	41.8	
	1904	19,564	578,989	21,745	34,623	522,611	1,221,040	930,420	34,201	175,461	550,102	974,028	423,954	14.0	36.8		
	1899	19,144	.....	.....	24,368	438,344	851,050	583,328	22,408	130,864	395,656	711,800	316,114	.....	.....
	East South Central.	1909	15,381	305,465	17,208	26,485	261,772	1,036,560	586,276	29,008	102,191	336,163	630,488	294,235	18.3	35.8	
	1904	10,311	249,892	11,449	17,214	221,229	753,928	405,361	17,417	83,942	252,156	404,336	212,180	24.8	42.8		
	1899	10,658	.....	.....	11,204	177,208	513,425	234,014	10,385	56,003	176,306	325,086	148,580	.....	.....
	West South Central.	1909	12,320	240,002	12,944	23,438	204,520	873,350	647,739	25,382	97,646	382,131	625,443	243,312	42.6	50.6	
	1904	8,279	166,940	8,299	14,871	143,470	555,717	328,906	15,190	67,128	246,832	415,232	168,400	26.5	64.6		
	1899	7,174	.....	.....	8,253	113,388	397,471	193,969	7,334	42,715	153,510	252,314	98,804	.....	.....
	Mountain.....	1909	5,254	89,862	4,849	9,578	75,435	400,766	348,977	12,522	56,870	238,692	363,996	135,304	42.9	42.9	
	1904	3,610	61,812	3,302	5,720	52,790	241,285	220,569	7,541	39,046	152,813	254,663	101,850	18.6	32.8		
	1899	3,146	.....	.....	3,486	44,407	123,012	126,724	3,897	27,714	115,606	191,825	76,219	.....	.....
	Pacific.....	1909	13,579	256,416	13,840	29,410	213,166	802,016	848,477	36,829	153,810	493,678	843,512	349,834	20.9	52.9	
	1904	11,192	195,517	11,730	17,710	164,077	460,049	423,623	20,625	106,187	312,489	551,565	239,076	33.2	51.2		
	1899	8,329	.....	.....	10,123	123,206	274,599	245,402	10,781	63,777	223,960	364,810	140,850	.....	.....
NEW ENGLAND:																	
	Maine.....	1909	3,546	88,476	3,641	4,860	79,655	459,599	202,260	5,797	37,632	97,101	176,629	73,928	6.7	22.2	
	1904	3,145	82,109	3,379	3,773	74,958	343,637	143,708	3,989	32,622	89,042	144,020	63,978	7.2	27.5		
	1899	2,878	.....	.....	3,103	69,914	259,322	114,008	3,051	25,731	61,210	112,959	51,749	.....	.....
	New Hampshire....	1909	1,961	84,191	2,014	3,519	78,658	293,991	139,990	4,191	36,200	98,157	164,581	66,424	20.3	33.1	
	1904	1,618	69,758	1,736	2,666	65,360	218,544	103,463	3,712	27,619	72,216	123,611	50,395	12.9	34.4		
	1899	1,711	.....	.....	2,068	67,646	200,975	92,146	2,200	25,550	60,163	107,591	47,428	.....	.....
	Vermont.....	1909	1,958	38,580	2,113	2,679	33,788	159,445	73,470	2,803	17,272	34,823	68,310	33,487	2.1	8.3	
	1904	1,699	37,015	1,856	2,053	33,106	140,616	63,059	2,103	15,221	32,340	63,084	30,654	17.5	22.5		
	1899	1,938	.....	.....	1,695	28,179	126,124	43,500	1,610	11,426	26,385	51,515	25,130	.....	.....
	Massachusetts.....	1909	11,684	644,399	11,194	48,646	584,559	1,175,071	1,279,687	63,279	301,174	830,765	1,490,529	659,764	13.7	32.6	
	1904	10,723	532,481	11,253	32,696	488,309	938,007	965,949	39,654	232,389	626,411	1,124,992	497,681	11.4	23.8		
	1899	10,929	.....	.....	25,256	438,234	796,061	781,868	29,480	195,278	498,655	907,627	408,972	.....	.....
	Rhode Island.....	1909	1,951	122,641	1,721	7,382	113,538	226,740	290,901	10,577	55,234	158,192	280,344	122,152	16.7	38.7	
	1904	1,617	104,299	1,561	5,420	97,318	181,017	215,901	7,041	43,113	112,872	202,110	89,238	10.3	22.1		
	1899	1,678	.....	.....	4,022	88,197	153,619	176,901	5,300	35,995	87,952	165,550	77,598	.....	.....
	Connecticut.....	1909	4,451	233,871	3,468	19,611	210,792	400,275	517,546	25,637	110,119	257,529	490,272	233,013	16.1	32.8	
	1904	3,727	198,046	2,918	13,323	181,605	304,204	373,283	17,040	87,942	191,302	369,082	177,780	13.7	14.9		
	1899	3,382	.....	.....	9,258	153,733	256,311	299,207	11,755	73,394	169,672	315,106	145,434	.....	.....
MIDDLE ATLANTIC:																	
	New York.....	1909	44,335	1,303,241	47,569	151,691	1,093,981	1,997,662	2,779,497	186,032	557,231	1,856,004	3,369,490	1,512,586	17.2	35.4	
	1904	37,194	996,725	41,766	98,012	856,947	1,516,592	2,031,460	111,145	430,015	1,348,603	2,488,346	1,139,743	17.9	32.9		
	1899	35,957	.....	.....	68,030	726,909	1,099,931	1,523,530	76,740	337,324	1,018,377	1,871,831	853,454	.....	.....
	New Jersey.....	1909	8,817	371,265	8,204	36,838	326,223	612,238	977,172	48,337	169,710	720,034	1,145,529	425,495	22.5	47.9	
	1904	7,510	286,262	6,730	23,106	266,336	436,274	715,060	28,957	128,169	470,449	774,369	303,920	24.5	40.0		
	1899	6,415	.....	.....	15,361	213,975	322,503	477,301	19,058	95,165	334,726	553,006	218,280	.....	.....
	Pennsylvania.....	1909	27,563	1,002,171	29,743	94,885	877,543	2,291,547	2,749,006	110,897	455,627	1,582,566	2,626,702	1,044,182	15.0	34.3	
	1904	23,405	855,392	26,029	66,081	763,282	2,302,398	1,995,837	73,269	367,961	1,124,943	1,955,551	812,608	15.0	18.5		
	1899	23,462	.....	.....	43,935	663,960	1,716,694	1,449,815	64,146	296,876	958,301	1,409,882	691,581	.....	.....
EAST NORTH CENTRAL:																	
	Ohio.....	1909	15,138	523,004	14,719	61,351	446,934	1,583,155	1,300,733	72,147	245,540	824,202	1,437,936	613,734	22.7	49.7	
	1904	13,785	417,946	13,657	39,991	364,288	1,116,932	856,989	43,435	182,429	527,637	960,812	433,175	18.2	28.3		
	1899	13,568	.....	.....	28,109	308,109	783,665	570,909	28,151	136,428	409,303	748,671	339,368	.....	.....
	Indiana.....	1909	7,969	218													

COMPARATIVE SUMMARY FOR THE UNITED STATES, BY STATES: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

Table 111—Contd.		Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).	PER CENT OF INCREASE.	
				Total.	Proprietors and firm members.	Salaried employees.	Wage earners (average number).								Wage earners (average number).	Value of products.
Expressed in thousands.																
EAST NORTH CENTRAL—Continued.																
Michigan.....	1909	9,159	271,071	8,965	30,607	231,499	598,288	\$83,947	\$34,570	\$118,968	\$568,612	\$685,109	\$316,497	32.1	59.7	
	1904	7,446	200,196	7,732	17,255	175,239	440,890	337,894	17,470	81,279	230,081	439,120	199,039	12.5	34.2	
	1899	7,310	.....	.....	13,350	155,800	368,497	.....	.....	62,532	179,966	145,726	.....	.....	.....
Wisconsin.....	1909	9,721	213,426	8,556	22,287	182,583	554,179	605,657	25,737	93,905	346,356	590,305	243,949	20.6	43.6	
	1904	8,558	173,572	7,961	14,220	151,391	440,254	412,647	15,498	71,472	227,255	411,140	183,855	10.1	25.8	
	1899	7,841	.....	.....	10,480	137,525	364,580	296,061	10,493	55,666	185,695	326,753	.....	.....	.....
WEST NORTH CENTRAL:																
Minnesota.....	1909	5,561	104,406	5,376	14,263	84,767	207,670	275,416	15,451	47,471	281,622	409,420	127,998	21.7	33.0	
	1904	4,756	83,301	4,524	9,141	69,636	220,334	184,903	9,033	35,843	210,554	307,858	99,304	7.9	37.6	
	1899	4,066	.....	.....	6,625	64,557	180,124	133,077	6,064	29,029	150,239	223,693	73,394	.....	.....
Iowa.....	1909	5,528	78,360	5,323	11,402	61,635	155,384	171,219	10,972	32,542	170,707	256,238	88,531	24.6	61.4	
	1904	4,783	61,361	4,758	7,122	49,481	115,065	111,428	5,948	22,997	102,844	166,522	57,728	11.4	20.3	
	1899	4,828	.....	.....	5,159	44,420	106,664	85,668	4,233	18,021	85,779	132,871	47,092	.....	.....
Missouri.....	1909	8,375	185,705	8,226	24,496	152,993	340,467	444,348	28,994	80,843	354,411	574,111	219,700	14.9	30.6	
	1904	6,454	156,885	6,299	17,119	133,167	247,861	379,350	19,002	66,644	252,258	433,549	187,291	23.6	39.0	
	1899	6,883	.....	.....	12,474	107,704	189,117	223,781	13,295	46,714	184,189	316,304	132,115	.....	.....
North Dakota.....	1909	562	4,148	723	636	2,789	13,196	11,585	629	1,787	13,674	19,137	5,463	58.9	87.3	
	1904	475	2,545	494	266	1,755	9,873	5,704	258	1,032	7,096	10,218	3,122	29.2	63.2	
	1899	337	.....	.....	152	1,358	7,351	3,512	130	671	4,151	6,260	2,109	.....	.....
South Dakota.....	1909	1,030	5,236	942	682	3,602	17,666	13,018	616	2,297	11,476	17,870	6,394	44.5	36.6	
	1904	656	3,382	649	441	2,492	11,154	7,583	294	1,452	8,697	13,086	4,389	13.0	37.3	
	1899	624	.....	.....	288	2,224	11,775	6,051	175	1,130	6,484	9,530	3,046	.....	.....
Nebraska.....	1909	2,500	31,966	2,522	5,108	24,336	64,466	99,601	5,491	13,648	151,081	196,019	47,938	20.1	28.5	
	1904	1,810	25,356	1,904	3,182	20,299	46,372	80,235	3,073	11,022	124,052	154,918	39,896	8.5	18.9	
	1899	1,695	.....	.....	2,296	18,669	41,825	65,906	2,107	8,842	95,925	130,302	34,377	.....	.....
Kansas.....	1909	3,435	54,649	3,571	6,863	44,215	213,141	156,099	7,351	25,804	258,884	325,104	60,220	24.3	64.0	
	1904	2,475	42,057	2,766	3,721	35,570	99,441	88,580	3,363	18,883	156,510	188,245	41,735	31.2	28.7	
	1899	2,299	.....	.....	3,612	27,119	68,242	96,438	3,123	12,802	120,738	154,009	33,271	.....	.....
SOUTH ATLANTIC:																
Delaware.....	1909	726	23,984	722	2,024	21,238	58,779	60,906	2,322	10,296	30,938	52,840	21,902	15.0	28.4	
	1904	631	20,567	641	1,451	18,475	49,490	50,926	1,629	8,158	24,884	41,160	16,276	-10.2	-0.4	
	1899	633	.....	.....	1,189	20,502	40,134	38,791	1,337	8,457	24,725	41,321	16,596	.....	.....
Maryland.....	1909	4,337	125,499	5,376	12,192	107,921	218,244	251,227	13,617	45,436	190,049	315,669	116,620	14.6	29.7	
	1904	3,852	107,303	4,505	8,624	94,174	165,449	201,878	8,344	36,144	150,024	234,376	93,352	(1)	19.3	
	1899	3,886	.....	.....	6,741	94,170	132,052	149,155	6,845	32,414	129,355	211,076	81,721	.....	.....
District of Columbia.....	1909	518	9,758	475	1,576	7,707	16,563	30,553	1,846	4,989	10,247	25,259	15,042	22.4	37.7	
	1904	482	7,778	473	1,096	6,249	12,592	20,240	1,207	3,659	7,732	18,359	10,627	2.3	11.8	
	1899	491	.....	.....	957	6,155	10,255	17,961	872	3,023	7,475	16,426	8,951	.....	.....
Virginia.....	1909	5,685	120,797	6,570	8,551	105,676	283,928	216,392	9,101	38,154	125,583	219,794	94,211	21.6	47.7	
	1904	3,187	88,898	3,643	4,970	80,285	176,998	147,989	4,875	27,943	83,649	148,857	65,208	31.2	37.0	
	1899	3,186	.....	.....	3,828	66,223	136,696	92,300	3,630	20,274	59,360	108,644	49,284	.....	.....
West Virginia.....	1909	2,586	71,463	2,599	4,971	63,893	27,496	150,922	5,710	33,000	92,878	161,949	69,071	46.0	63.5	
	1904	2,109	48,880	2,230	2,892	43,758	138,578	86,821	2,899	21,153	54,419	99,041	44,622	32.3	47.8	
	1899	1,824	.....	.....	1,744	33,060	91,894	49,103	1,519	12,640	37,228	67,007	29,779	.....	.....
North Carolina.....	1909	4,931	133,453	5,451	6,529	121,473	378,556	217,085	6,903	34,355	121,861	216,566	94,795	42.3	52.0	
	1904	3,272	93,142	3,731	4,072	85,339	216,622	141,001	3,795	21,375	79,298	142,521	63,253	18.0	67.1	
	1899	3,465	.....	.....	2,894	72,322	154,467	68,283	2,395	14,052	44,854	85,274	40,420	.....	.....
South Carolina.....	1909	1,854	78,040	1,737	3,257	73,046	276,378	173,221	3,756	20,361	66,351	113,236	46,885	22.9	42.7	
	1904	1,369	63,071	1,241	2,389	59,441	197,479	113,422	2,355	13,869	49,969	79,376	29,407	26.4	48.8	
	1899	1,399	.....	.....	1,419	47,025	112,697	62,750	1,307	9,130	30,486	53,336	22,850	.....	.....
Georgia.....	1909	4,792	118,026	5,141	8,307	104,588	298,241	202,778	9,062	34,805	116,970	292,863	85,893	12.8	34.3	
	1904	3,219	102,365	3,512	6,104	92,749	220,419	135,211	5,927	27,393	83,625	151,040	67,415	11.3	59.8	
	1899	3,015	.....	.....	3,815	83,336	136,499	79,303	3,204	19,958	49,356	94,532	45,762	.....	.....
Florida.....	1909	2,159	64,810	2,712	6,425	57,473	89,816	65,291	4,955	22,982	26,128	72,890	46,762	36.5	44.9	
	1904	1,413	46,985	1,769	3,125	42,091	43,413	32,872	2,670	15,767	16,532	50,298	33,766	18.7	47.1	
	1899	1,275	.....	.....	1,781	35,471	36,356	25,682	1,299	10,916	12,847	34,184	21,337	.....	.....
EAST SOUTH CENTRAL:																
Kentucky.....	1909	4,776	79,060	5,050	8,610	65,400	230,224	172,779	9,603	27,888	111,779	223,754	111,975	9.4	40.1	
	1904	3,734	69,755	4,108	5,853	59,794	174,625	147,282	5,871	24,439	86,545	159,754	73,209	15.6	26.3	
	1899	3,648	.....	.....	4,356	51,735	144,161	87,996	4,185	18,454	67,406	126,509	59,103	.....	.....
Tennessee.....	1909	4,609	87,672	5,415	8,417	73,540	242,277	167,924	9,186	28,251	104,016	180,217	76,201	21.9	30.6	
	1904	3,175	69,287	3,805	4,910	60,572	175,780	102,440	5,081	22,806	79,352	137,961	58,609	31.8	48.7	
	1899	3,116	.....	.....	3,329	45,963	130,318	63,140	3,048	14,722	54,559	92,749	38,180	.....	.....
Alabama.....	1909	3,998	81,972	3,769	6,055	72,148	357,837	173,180	6,565	27,254	83,442	145,962	62,520	16.0	33.7	
	1904	1,862	67,884	1,948	3,763	62,173	293,185	105,383	3,867	17,878	66,458	109,170	48,712	18.0	51.4	
	1899	2,000	.....	.....	2,239	52,711	173,208	60,166	2,059	14,912	37,998	72,110	34,112	.....	.....
Mississippi.....	1909	2,598	56,761	2,974	3,403	50,884	206,222	72,393	3,654	18,768	36,926	80,555	43,629	30.2	40.2	
	1904	1,520	42,966	1,583	2,688	38,660	110,338	50,256	2,598	14,819	25,801	57,451	31,650	44.4	70.4	
	1899	1,294	.....	.....	1,240	26,799	65,738	22,712	1,093	7,910	16,543	33,718	17,175		

COMPARATIVE SUMMARY FOR THE UNITED STATES, BY STATES: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

Table 111—Contd.	DIVISION AND STATE.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.					Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture (value of products less cost of materials).	PER CENT OF INCREASE.	
				Total.	Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Wage earners (average number).								Wage earners (average number).	Wage earners (average number).
Expressed in thousands.																	
WEST SOUTH CENTRAL:																	
	Arkansas.....	1909	2,925	51,730	3,455	3,293	44,982	173,088	\$70,174	\$3,461	\$19,113	\$34,935	\$74,916	\$39,981	35.9	39.1	
		1904	1,907	37,557	2,140	2,328	33,089	109,569	46,306	2,310	14,544	21,799	53,865	32,066	5.0	35.0	
		1899	1,746	.....	.....	1,849	31,525	79,560	25,385	1,262	10,184	18,288	39,888	21,600	.....	.....
	Louisiana.....	1909	2,516	86,563	2,295	8,103	76,165	346,652	221,816	9,008	33,386	134,865	223,949	89,084	36.4	20.2	
		1904	2,091	63,735	1,899	5,977	55,859	351,963	150,811	6,044	25,316	117,035	186,380	69,345	36.6	67.3	
		1899	1,826	.....	.....	3,576	40,878	190,182	100,875	2,934	14,725	75,404	111,398	35,994	.....	.....
	Oklahoma.....	1909	2,310	18,034	2,698	2,193	13,143	71,139	38,873	2,045	7,240	34,153	53,682	19,529	140.9	119.5	
		1904	1,123	7,456	1,187	813	5,456	29,008	16,124	718	2,799	16,394	24,459	8,665	129.1	200.7	
		1899	495	.....	.....	269	2,381	11,572	4,054	219	894	5,430	8,134	2,704	.....	.....
	Texas.....	1909	4,588	84,575	4,496	9,849	70,230	282,471	216,876	10,868	37,907	178,174	272,896	94,718	43.1	61.3	
		1904	3,158	57,892	3,073	5,783	49,066	164,637	115,665	6,118	24,469	91,604	150,528	58,924	47.1	82.0	
		1899	3,167	.....	.....	2,861	38,604	116,157	63,655	2,919	16,912	54,388	92,894	38,506	.....	.....
MOUNTAIN:																	
	Montana.....	1909	677	13,694	659	1,380	11,655	90,402	44,588	2,054	10,901	49,180	73,272	24,092	30.1	10.3	
		1904	382	10,196	334	905	8,957	46,736	52,390	1,506	8,652	40,930	66,415	25,485	-9.1	25.9	
		1899	395	.....	.....	508	9,534	45,679	38,225	786	7,977	30,068	52,748	22,677	.....	.....
	Idaho.....	1909	725	9,969	831	858	8,220	42,804	32,477	984	5,498	9,920	22,400	12,480	168.5	155.4	
		1904	364	3,791	371	359	3,061	16,987	9,689	379	2,059	4,069	8,769	4,700	97.2	192.2	
		1899	287	.....	.....	92	1,552	5,649	2,130	66	818	1,439	3,001	1,562	.....	.....
	Wyoming.....	1909	268	3,393	263	263	2,867	7,628	6,195	311	2,081	2,608	6,249	3,641	56.3	77.4	
		1904	169	2,163	150	179	1,834	3,604	2,096	206	1,301	3,523	2,222	2,222	-11.0	7.8	
		1899	139	.....	.....	87	2,060	3,820	2,048	91	1,203	1,370	3,268	1,898	.....	.....
	Colorado.....	1909	2,634	34,115	1,722	4,326	28,067	154,615	162,668	5,648	19,912	80,491	130,044	49,553	28.7	29.9	
		1904	1,606	25,888	1,398	2,677	21,813	124,907	107,664	3,549	15,100	63,114	106,144	37,030	11.9	12.4	
		1899	1,323	.....	.....	1,870	19,498	45,494	58,173	2,059	11,708	66,751	89,068	28,317	.....	.....
	New Mexico.....	1909	313	4,766	288	335	4,143	15,465	7,743	383	2,591	3,261	7,898	4,637	19.1	38.4	
		1904	199	3,891	189	224	3,478	5,948	4,638	204	2,153	2,236	5,706	3,470	39.7	40.5	
		1899	174	.....	.....	88	2,490	5,638	2,161	91	1,199	1,959	4,061	2,062	.....	.....
	Arizona.....	1909	311	7,202	261	500	6,441	39,140	32,873	798	5,565	33,600	50,257	16,657	34.4	79.0	
		1904	169	5,217	133	231	4,793	21,412	14,396	472	3,969	14,595	28,088	13,488	53.3	37.4	
		1899	154	.....	.....	205	3,126	8,537	9,317	268	2,287	7,877	20,439	12,562	.....	.....
	Utah.....	1909	749	14,133	688	1,660	11,785	42,947	52,627	1,966	8,400	41,206	61,989	20,723	46.4	59.2	
		1904	606	9,650	619	979	8,052	19,397	26,004	1,639	5,158	24,940	38,927	13,987	48.8	116.5	
		1899	575	.....	.....	599	5,413	12,674	15,219	501	2,763	11,440	17,982	6,542	.....	.....
	Nevada.....	1909	177	2,650	137	256	2,257	7,765	9,806	378	1,982	8,366	11,887	3,521	181.4	283.9	
		1904	115	1,016	108	106	802	2,834	2,892	126	694	1,628	3,096	1,468	59.1	145.5	
		1899	99	.....	.....	37	504	.....	1,251	34	353	662	1,261	599	.....	.....
PACIFIC:																	
	Washington.....	1909	3,674	80,118	3,264	7,734	69,120	297,897	222,261	9,827	49,766	117,588	220,746	102,858	52.9	71.4	
		1904	2,751	51,459	2,602	6,638	45,199	168,342	96,953	4,093	30,087	66,166	128,822	62,656	43.4	81.9	
		1899	1,926	.....	.....	2,103	31,523	87,601	41,575	2,064	17,065	38,277	70,831	32,554	.....	.....
	Oregon.....	1909	2,246	34,722	2,499	3,473	28,750	175,019	89,082	4,647	19,902	50,552	93,005	42,453	55.2	67.5	
		1904	1,602	22,018	1,726	1,739	18,523	81,348	44,023	2,133	11,443	30,597	55,525	24,928	28.1	51.7	
		1899	1,406	.....	.....	1,143	14,459	60,005	28,359	1,222	6,822	20,789	36,593	15,804	.....	.....
	California.....	1909	7,659	141,576	8,077	18,293	115,296	329,100	537,134	22,855	84,142	325,238	529,761	204,523	14.9	44.3	
		1904	6,839	120,040	7,402	12,283	106,355	210,359	282,647	14,399	64,637	215,726	367,218	151,492	30.0	42.7	
		1899	4,997	.....	.....	6,877	77,224	126,953	175,468	7,495	39,890	164,894	257,386	92,492	.....	.....

1 Includes Indian Territory.

COMPARATIVE SUMMARY FOR THE 25 PRINCIPAL CITIES: 1909, 1904, AND 1899.

NOTE.—The figures for some cities do not agree with those published in 1904 because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the cities.

[A minus sign (—) denotes decrease.]

CITY.	Census.	PERSONS ENGAGED IN INDUSTRY.										Value added by manu- facture (value of products less cost of ma- terials).	PER CENT OF INCREASE.			
		Total.	Pro- prietors and firm mem- bers.	Salaried em- ployees.	Wage earners (average number).	Primary horse- power.	Capital.	Sala- ries.	Wages.	Cost of materials.	Value of products.		Wage earnings (aver- age num- ber).	Value of prod- ucts.		
New York, N. Y.	1909	25,938	680,510	29,055	97,453	554,002	429,003	\$1,364,353	\$122,074	\$323,698	\$1,092,155	\$2,029,693	\$937,538	19.2	33.0	
	1904	20,839	552,952	24,050	63,586	464,716	388,586	1,042,946	73,028	248,128	818,029	1,526,533	708,949	19.6	30.2	
	1899	19,243	.....	.....	43,783	388,586	.....	.....	853,238	51,636	196,656	634,210	1,172,870	.....	.....
Chicago, Ill.	1909	9,656	356,954	8,156	54,347	236,977	525,236	971,841	65,925	174,112	793,210	1,281,171	487,701	21.5	34.1	
	1904	8,159	289,529	7,269	40,726	241,984	.....	.....	637,743	45,901	136,405	559,914	955,036	9.4	19.7
	1899	7,668	.....	.....	32,406	221,191	.....	.....	511,249	32,068	108,727	502,222	797,879	.....	.....
Philadelphia, Pa.	1909	8,379	294,948	9,162	33,452	251,884	365,950	691,397	39,446	136,341	429,962	746,076	316,954	10.0	26.2	
	1904	7,087	259,878	8,140	11,381	228,809	.....	.....	250,179	25,399	107,640	333,352	591,388	6.6	13.7
	1899	7,503	.....	.....	17,498	214,775	.....	.....	445,725	18,931	94,737	285,175	519,982	.....	.....
St. Louis, Mo.	1909	2,667	104,587	1,869	15,347	87,371	163,615	269,322	19,671	48,535	189,389	338,499	140,306	5.6	22.9	
	1904	2,482	95,962	1,883	11,381	82,698	.....	.....	295,937	13,475	42,642	137,740	267,307	27.6	38.0
	1899	2,646	.....	.....	8,807	64,832	.....	.....	150,526	10,079	29,145	101,838	193,733	.....	.....
Cleveland, Ohio.	1909	2,148	98,686	1,718	12,240	84,728	199,998	227,397	15,506	48,053	154,915	271,961	117,046	32.3	58.2	
	1904	1,616	72,362	1,445	6,876	64,041	.....	.....	156,321	8,299	33,560	97,578	171,924	13.7	23.4
	1899	1,350	.....	.....	5,064	55,341	.....	.....	101,243	5,463	26,518	76,465	139,356	.....	.....
Detroit, Mich.	1909	2,036	95,541	1,804	13,026	81,011	114,190	190,125	15,260	43,907	130,218	252,992	122,774	67.1	97.3	
	1904	1,362	55,718	1,312	5,923	48,483	.....	.....	91,038	6,126	22,558	66,581	128,247	61.6	66.3
	1899	1,259	.....	.....	4,947	38,373	.....	.....	67,224	4,726	15,317	47,007	88,306	26.3	45.1
Pittsburgh, Pa.	1909	1,659	79,625	1,553	10,598	67,474	307,666	283,139	12,683	39,973	148,527	243,544	94,927	-5.8	15.2	
	1904	1,562	81,407	1,516	8,273	71,618	290,765	9,753	39,805	124,651	211,259	86,678	-0.2	-3.2
	1899	1,391	.....	.....	5,850	71,794	.....	.....	211,774	6,351	37,635	128,458	128,198	.....	.....
Boston, Mass.	1909	3,155	85,158	2,873	12,648	69,637	68,419	175,182	15,641	39,910	127,547	237,457	112,890	17.7	28.8	
	1904	2,747	71,421	2,833	9,428	59,109	131,563	10,464	31,573	94,603	184,351	89,748	11.9	13.3
	1899	2,878	7,691	52,853	130,143	8,180	28,209	82,295	102,765	80,870
Buffalo, N. Y.	1909	1,733	61,246	1,489	8,345	51,412	121,791	193,041	9,347	28,727	136,338	218,804	82,266	18.0	48.5	
	1904	1,538	50,390	1,559	5,264	43,567	137,023	5,342	21,022	88,367	147,378	59,011	27.1	39.5
	1899	1,478	3,767	34,275	95,740	3,429	15,078	65,939	105,627	39,688
Milwaukee, Wis.	1909	1,764	68,933	1,472	7,959	59,502	94,254	219,391	9,405	31,437	120,621	208,324	87,703	37.2	51.0	
	1904	1,527	49,843	1,393	5,084	43,366	161,494	5,837	20,869	71,103	137,995	66,892	5.2	24.5
	1899	1,419	4,077	41,229	105,504	4,305	17,102	59,694	118,834	51,160
Newark, N. J.	1909	1,638	69,986	1,704	8,327	59,955	78,263	154,233	11,777	33,076	114,679	202,511	87,832	18.3	35.0	
	1904	1,800	57,463	1,631	5,135	50,697	119,026	6,685	25,622	80,689	150,655	69,366	18.2	33.1
	1899	1,573	4,146	42,878	97,182	5,250	20,365	69,772	112,738	51,566
Cincinnati, Ohio.	1909	2,184	72,488	2,015	10,281	60,192	88,597	150,254	12,759	31,101	101,932	194,516	92,584	2.7	17.1	
	1904	2,171	68,954	2,180	8,190	58,584	130,272	9,077	27,390	83,258	166,659	82,801	6.6	17.2
	1899	2,454	6,164	54,942	103,464	6,437	23,104	71,991	141,678	70,287
Baltimore, Md.	1909	2,502	83,473	2,630	9,369	71,444	76,764	164,437	10,571	31,171	107,024	186,975	79,954	9.8	24.5	
	1904	2,158	74,234	2,462	6,752	65,060	146,961	6,997	25,507	80,555	150,171	69,616	-2.3	11.1
	1899	2,274	5,501	66,571	107,217	5,871	23,493	75,223	135,108	59,855
Minneapolis, Minn.	1909	1,102	33,923	1,012	5,949	26,962	89,247	90,382	6,277	15,638	119,993	165,405	45,412	24.4	36.5	
	1904	876	26,945	847	3,527	21,671	66,135	3,336	11,418	88,882	121,163	32,281	10.5	28.3
	1899	789	2,158	19,620	50,177	2,113	9,388	68,910	94,408	25,498
Kansas City, Kans.	1909	165	14,333	142	1,897	12,294	31,885	42,817	2,138	7,027	144,890	161,081	19,691	16.8	70.1	
	1904	100	11,761	82	1,150	10,529	27,713	1,216	5,449	83,883	96,473	12,590	11.0	20.6
	1899	114	2,063	9,483	18,236	1,911	4,259	68,375	80,623	11,148
San Francisco, Cal.	1909	1,796	36,910	2,544	6,122	28,244	49,934	133,824	8,086	22,381	76,217	133,041	56,824	-26.5	-3.4	
	1904	2,251	46,666	3,047	5,190	38,429	102,362	6,639	25,015	75,946	137,788	61,842	18.0	28.7
	1899	1,748	2,623	32,555	69,643	3,929	17,259	65,535	107,094	41,489
Jersey City, N. J.	1909	745	30,239	614	4,171	25,454	35,917	79,794	5,049	13,216	89,317	128,775	39,458	25.1	70.0	
	1904	628	23,312	580	2,379	20,353	82,385	2,980	10,021	48,799	75,741	26,942	17.0	3.9
	1899	536	1,014	17,391	78,612	2,039	7,965	50,266	72,930	22,664
Indianapolis, Ind.	1909	856	37,929	631	5,483	31,815	59,872	76,497	6,394	16,557	84,151	126,522	42,671	19.0	53.9	
	1904	810	31,431	591	4,115	26,725	33,420	4,096	12,620	31,763	82,228	30,465	27.4	38.6
	1899	697	.....	.....	2,938	20,983	.....	.....	24,748	3,844	8,287	39,322	58,322	.....	.....
Providence, R. I.	1909	1,080	51,667	1,017	4,269	46,381	56,410	118,512	5,066	14,449	64,770	120,241	55,471	16.5	36.7	
	1904	881	43,748	893	3,051	39,894	95,666	3,819	19,555	49,973	91,981	42,008	3.7	16.9
	1899	929	2,483	38,368	86,033	3,953	16,931	42,551	78,657	61,166
Rochester, N. Y.	1909	1,203	46,417	1,042	4,467	39,108	39,277	95,708	7,734	21,518	50,674	112,676	62,002	23.1	38.9	
	1904	1,169	37,128	1,084	4,265	31,779	69,807	4,529	14,702	37,918	81,109	43,191	13.3	35.9
	1899	1,221	3,061	28,049	45,210	3,131	11,306	28,245	59,669	31,424
Louisville, Ky.	1909	903	32,357	669	4,705	27,023	49,926	79,437	5,533	12,460	54,128	101,284	47,156	8.2	21.7	
	1904	842	28,317	706	3,126	24,983	79,939	2,478	10,812	48,082	83,204	37,522	8.3	25.9
	1899	860	2,491	23,062	44,016	2,995	8,436	34,675	66,110	31,234
South Omaha, Nebr.	1909	71	7,659	63	1,290	6,306	11,859	19,877	1,559	3,544	17,672	42,436	14,763	11.4	37.1	
	1904	41	6,571	34	875	5,662	20,564	950	3,210	39,193	67,415	8,222	-10.5	-3.0
	1899	41	769	6,327	16,382	736	3,115	61,018	69,509	8,491

CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899.

NOTE.—The figures for some cities do not agree with those published in 1904, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the cities. Figures for 1904 and 1899 are available for cities which had between 8,000 and 10,000 inhabitants in 1900 and are included, but for cities having less than 8,000 inhabitants in 1900 comparative data are not available.

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
	Expressed in thousands.											
ALABAMA:												
Ariston.....	39	35	25	2,167	2,005	1,445	\$4,333	\$3,327	\$1,963	\$1,509	\$1,440	\$504
Bessemer.....	31			1,816			6,106			1,867		
Birmingham.....	248	122	109	8,999	3,987	3,490	24,128	7,593	8,599	10,118	3,644	4,610
Gadsden.....	27			786			1,325			621		
Mobile.....	120	139	113	2,302	2,496	2,371	5,129	4,942	3,488	2,490	2,620	1,944
Montgomery.....	73	59	52	2,284	1,940	1,528	5,443	3,878	2,944	2,420	1,689	1,229
Selma.....	35	26	32	813	668	699	2,382	1,139	1,191	787	512	567
ARIZONA:												
Phoenix.....	57			304			1,467			603		
Tucson.....	35			555			2,037			767		
ARKANSAS:												
Argenta.....	18			2,157			4,842			2,157		
Fort Smith.....	83	63	66	1,455	1,049	677	3,739	2,329	1,401	1,733	1,216	750
Hot Springs.....	71	22	21	335	239	94	844	687	191	541	309	100
Little Rock.....	125	104	62	2,014	1,711	1,397	6,882	4,690	3,373	2,868	2,131	1,600
Fine Bluff.....	42	34	37	1,118	1,425	990	2,387	2,500	1,451	1,033	1,079	752
CALIFORNIA:												
Alameda.....	51	30	23	915	279	372	2,534	697	1,335	1,625	464	547
Bakersfield.....	27			740			2,819			1,119		
Berkeley.....	84	44	22	1,084	338	211	4,435	1,474	651	1,748	692	259
Eureka.....	48			940			3,012			1,518		
Fresno.....	76	80	62	1,938	1,915	819	11,090	9,754	7,725	3,068	2,926	1,043
Long Beach.....	51			277			927			429		
Los Angeles.....	1,325	814	534	17,327	10,424	5,173	68,586	34,814	15,134	29,673	16,125	7,046
Oakland.....	441	248	195	6,905	3,353	2,476	22,343	9,015	5,368	10,496	4,708	2,664
Esadena.....	88	46	28	499	318	177	1,724	967	331	870	546	294
Pomona.....	30			224			560			330		
Redlands.....	37			147			518			279		
Riverside.....	53			267			1,178			370		
Sacramento.....	214	156	111	4,514	4,203	3,686	13,977	10,073	9,485	7,083	4,929	4,150
San Bernardino.....	41			729			1,650			817		
San Diego.....	117	89	57	1,071	541	255	4,741	1,974	670	2,074	838	349
San Francisco.....	1,796	2,251	1,748	28,244	38,429	32,555	133,041	137,788	107,024	56,824	61,842	41,489
San Jose.....	153	153	154	1,430	1,350	1,221	5,611	4,298	3,292	2,368	1,786	1,442
Santa Barbara.....	51			265			1,169			473		
Santa Cruz.....	34			274			1,161			493		
Sikeston.....	144			1,594	1,333	1,185	11,849	8,000	5,525	3,529	2,180	1,538
Vallejo.....	23	110	91	306			1,886			492		
COLORADO:												
Colorado Springs.....	59	49	34	516	410	409	1,733	1,101	845	910	690	480
Cripple Creek.....		22	35		51	167		223	441		147	266
Denver.....	766	722	674	12,058	9,672	8,500	51,538	36,660	37,906	20,611	15,660	13,434
Leadville.....		32	34		861	1,227		5,446	5,883	1,562	1,043	
Pueblo.....	40	80	69	1,330	941	790	3,345	2,197	1,440	1,848	1,256	708
Trinidad.....	30			220			814			363		
CONNECTICUT:												
Ansonia.....	53	49	49	4,127	3,394	3,288	20,088	19,132	18,515	5,477	3,824	3,559
Bridgeport.....	367	306	286	25,775	19,492	17,038	65,609	44,586	33,536	27,622	22,252	16,249
Danbury.....	131	103	104	4,810	4,515	3,939	10,318	8,066	6,527	5,439	4,371	2,269
Hartford.....	396	340	322	14,627	11,221	10,677	40,680	28,974	23,829	22,317	14,487	12,450
Meriden.....	120	97	92	7,845	7,281	6,689	16,317	13,764	11,751	9,374	8,120	6,645
Middletown.....	58	65	60	2,434	2,318	2,495	4,955	4,351	4,152	2,012	1,788	1,794
Naugatuck borough.....	24	22	22	3,464	3,628	3,160	11,033	11,010	8,887	3,704	3,750	2,815
New Britain.....	111	95	82	13,513	10,073	8,019	22,021	14,960	11,696	13,693	9,292	6,500
New Haven.....	590	490	437	23,547	21,437	17,594	51,071	39,666	34,900	20,752	21,145	18,774
New London.....	70	57	54	2,225	2,554	1,963	4,483	4,710	4,221	1,932	2,183	1,959
Norwich.....	91	87	89	4,470	3,706	3,172	9,839	6,022	5,835	4,287	2,979	2,889
Stamford.....	86	62	49	3,984	3,341	2,445	8,739	5,890	3,920	5,035	3,560	2,220
Torrington borough.....	54	43	37	4,488	4,025	3,161	12,550	9,674	9,173	5,087	3,617	2,617
Waterbury.....	169	143	124	20,170	15,406	13,225	50,350	32,367	30,330	21,024	14,807	12,128
Willimantic.....	47	35	30	3,020	2,852	2,258	6,733	4,902	3,023	3,539	2,822	1,663
DELAWARE:												
Wilmington.....	261	245	262	14,663	13,508	14,498	38,069	30,285	30,587	16,093	12,164	12,711
DISTRICT OF COLUMBIA:												
.....	518	482	491	7,707	6,299	6,155	25,289	18,359	16,426	15,042	10,627	8,951
FLORIDA:												
Jacksonville.....	114	125	74	1,988	2,650	1,238	6,722	5,340	1,799	2,725	2,550	993
Key West.....	56	73	53	2,431	2,466	1,809	3,965	4,254	3,088	2,222	2,448	1,857
Pensacola.....	60	39	32	961	1,206	573	1,963	1,937	1,038	1,038	1,117	531
Tampa.....	215	141	70	5,996	5,831	3,919	17,653	11,264	7,983	10,820	6,713	3,717
GEORGIA:												
Athens.....	37	28	27	962	509	589	2,112	1,158	678	783	405	264
Atlanta.....	483	294	196	12,302	11,891	7,966	33,038	25,746	14,419	16,620	12,305	6,676
Augusta.....	71	64	80	5,073	4,839	5,563	10,456	8,829	7,984	3,854	2,876	2,837
Brunswick.....	23	29	25	385	254	351	672	407	303	414	220	394
Columbus.....	83	52	58	4,861	4,434	4,119	8,552	7,060	5,043	2,790	2,290	2,085
Macon.....	50	61	66	3,729	3,661	2,994	10,702	7,297	5,852	3,833	3,181	2,301
Rome.....	36			1,014			1,864			786		
Savannah.....	137	122	82	2,727	3,230	2,249	6,734	6,340	3,750	3,385	3,086	1,942
Waycross.....	21			1,130			1,203			591		
IDAHO:												
Boise.....	50			411			1,661			766		

CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
	Expressed in thousands.											
ILLINOIS:												
Alton	69	62	59	2,429	3,069	2,174	\$10,096	\$8,697	\$4,250	\$2,834	\$3,274	\$1,778
Aurora	165	103	97	5,095	4,078	3,949	10,354	7,329	5,038	5,373	3,791	3,046
Belleisle	119	96	89	1,872	1,765	1,835	4,615	4,357	2,873	2,991	2,570	1,938
Bloomington	107	81	68	2,077	2,275	1,671	4,868	5,777	3,162	2,341	2,285	1,417
Cairo	56	57	53	1,257	1,435	1,501	4,440	4,382	3,116	1,483	1,544	1,216
Carleton	33	33	33	1,262	.....	.....	2,942	.....	.....	1,759	.....	.....
Champaign	42	36	33	273	.....	.....	286	.....	.....	354	.....	.....
Chicago	9,656	8,159	7,668	293,977	241,984	221,191	1,281,171	955,036	797,879	487,701	365,122	295,657
Chicago Heights	79	.....	.....	3,953	.....	.....	10,839	.....	.....	5,227	.....	.....
Cicero town	7	.....	.....	658	.....	.....	1,461	.....	.....	728	.....	.....
Danville	76	70	72	1,744	1,884	857	3,351	3,306	1,914	1,921	1,839	867
Decatur	157	116	108	2,699	2,340	1,920	9,768	8,667	5,134	3,850	3,074	1,775
East St. Louis	139	91	58	5,252	4,605	3,106	18,228	10,586	6,241	6,788	4,890	2,563
Elgin	115	76	80	6,094	4,855	4,576	11,128	9,349	6,386	6,582	5,259	3,772
Evansston	60	33	27	3,827	738	406	3,778	2,551	830	968	.....	.....
Freeport	69	61	51	2,853	1,516	1,333	7,811	3,109	2,708	3,394	1,686	1,394
Galesburg	62	58	39	1,465	1,447	1,070	2,919	2,218	1,450	1,503	1,282	830
Jacksonville	57	55	55	947	.....	.....	2,299	1,982	1,684	1,822	880	834
Joliet	137	104	158	6,883	5,792	5,792	38,817	32,807	26,132	11,038	11,638	8,339
Kankakee	55	49	36	1,349	1,038	977	2,723	2,089	649	1,230	1,063	360
La Salle	29	24	26	1,293	1,197	917	5,308	3,158	3,309	2,380	1,280	912
Lincoln	46	39	36	2,230	236	206	570	784	375	250	409	219
Mattson	35	34	39	948	1,022	882	1,454	1,399	764	765	787	418
Moline	86	62	55	5,449	3,987	4,138	20,892	13,158	9,302	9,703	6,263	4,704
Oak Park village	23	.....	.....	282	.....	.....	1,118	.....	.....	727	.....	.....
Ottawa	.....	54	57	.....	1,127	1,020	.....	2,078	1,738	.....	1,365	987
Peoria	283	263	291	5,981	5,834	5,834	63,061	44,569	45,288	44,585	31,584	31,584
Quincy	236	204	198	4,032	4,602	3,815	11,436	10,748	7,919	5,654	5,560	3,568
Rock Island	74	72	66	1,754	1,703	1,885	5,387	5,333	4,622	2,569	2,753	1,939
Rockford	205	150	159	9,309	7,239	5,851	22,206	15,276	11,022	11,684	7,210	4,820
Springfield	171	122	109	3,632	3,071	2,166	8,447	5,797	3,467	7,933	3,307	2,055
Streator	45	34	42	1,275	1,544	1,283	2,137	1,889	1,245	1,320	1,305	883
Waukegan	59	41	32	3,090	825	495	19,984	3,962	733	5,820	1,004	395
INDIANA:												
Anderson	116	102	96	4,393	3,979	3,537	13,765	8,181	8,296	5,638	3,321	3,076
East Chicago	16	.....	.....	2,370	.....	.....	5,483	.....	.....	2,423	.....	.....
Elkhart	69	58	57	3,010	2,905	.....	6,932	4,345	3,933	3,911	2,329	2,051
Elwood	57	32	46	2,073	1,779	2,745	8,408	4,433	4,111	2,359	1,714	2,678
Evansville	299	268	273	8,997	7,758	6,284	22,929	18,091	12,168	10,135	7,969	5,623
Fort Wayne	230	193	173	10,298	7,729	6,519	23,687	14,011	11,263	12,272	6,992	5,231
Hammond	49	38	21	3,541	1,648	2,068	15,580	7,671	25,070	8,929	5,126	4,868
Huntington	33	36	30	1,376	1,431	1,246	2,228	2,081	1,732	1,341	985	738
Indianapolis	855	810	697	31,815	26,725	20,985	126,522	82,228	59,322	42,371	30,465	21,035
Jeffersonville	35	33	34	766	1,492	1,516	1,916	1,610	4,526	3,772	833	1,699
Kokomo	72	61	62	2,051	1,917	1,355	5,451	3,651	2,062	2,469	2,057	1,052
Lafayette	85	80	80	1,640	1,889	1,545	3,542	3,683	2,542	1,928	1,534	.....
Laporte	41	.....	.....	1,674	.....	.....	3,972	.....	.....	2,158	.....	.....
Logansport	68	61	68	2,169	1,720	1,316	4,201	2,956	2,100	2,219	1,394	1,074
Marion	89	96	81	2,269	2,279	2,848	4,442	4,034	4,393	2,118	2,296	2,394
Michigan City	48	52	41	3,882	3,140	2,912	2,900	6,314	6,032	1,935	2,384	2,071
Mishawaka	42	.....	.....	3,445	.....	.....	10,883	.....	.....	5,613	.....	.....
Muncie	102	97	90	4,033	2,855	3,848	9,684	5,891	7,042	4,210	2,571	3,194
New Albany	95	93	95	1,910	2,240	2,137	3,493	3,835	3,638	1,607	1,794	1,522
Peru	31	43	39	619	912	1,136	1,097	1,343	1,338	615	718	667
Richmond	107	98	83	3,621	2,970	2,688	10,374	6,732	4,754	5,256	3,731	2,523
South Bend	218	156	131	11,789	8,967	7,678	27,854	15,180	12,960	12,601	7,010	6,119
Terre Haute	170	178	143	4,359	4,044	4,679	21,793	18,068	26,296	13,136	10,361	18,927
Vincennes	84	62	48	1,233	1,334	906	4,234	3,029	1,979	1,818	1,288	1,038
IOWA:												
Boone	34	34	35	330	367	485	682	714	629	399	415	315
Burlington	128	109	125	4,190	2,915	2,054	8,443	5,779	4,450	3,798	3,073	2,008
Cedar Rapids	153	134	89	3,565	3,259	2,374	24,824	16,280	11,136	11,714	4,000	2,973
Clinton	69	83	81	2,414	2,153	2,502	7,480	4,966	6,206	2,850	2,260	2,293
Council Bluffs	101	71	74	1,848	1,001	758	3,769	4,924	1,692	1,812	894	808
Davenport	232	173	143	4,231	3,840	3,403	18,802	13,696	12,872	7,261	4,837	3,215
Des Moines	387	291	218	5,383	4,155	3,479	23,585	15,085	8,397	10,012	6,441	4,259
Dubuque	156	156	161	5,168	4,274	4,638	15,376	9,279	9,651	6,266	4,573	4,293
Fort Dodge	44	42	39	1,135	961	590	2,975	3,026	1,006	1,163	1,324	327
Iowa City	.....	.....	.....	2,862	.....	.....	465	.....	.....	.....	.....	.....
Keokuk	91	80	88	1,541	1,533	1,362	7,399	4,226	3,049	2,715	1,992	1,458
Marshalltown	49	44	44	1,365	888	1,112	4,112	3,990	3,957	1,643	950	1,161
Masson City	.....	.....	.....	.....	.....	.....	2,883	.....	.....	.....	.....	.....
Muscatine	113	107	105	3,496	2,762	2,589	6,166	5,040	5,220	3,428	2,025	1,705
Ottumwa	93	62	61	2,650	2,304	1,820	14,838	10,374	8,683	2,672	1,841	1,783
Stout City	136	106	123	3,750	2,299	2,463	37,425	14,761	14,227	7,037	3,365	4,097
Waterloo	108	90	55	3,124	1,674	804	8,999	4,694	2,088	4,357	1,945	745
KANSAS:												
Atchison	68	60	39	824	798	583	4,405	3,829	2,093	1,268	873	591
Coffeyville	47	.....	.....	1,030	.....	.....	4,752	.....	.....	1,360	.....	.....
Fort Scott	36	46	32	296	244	389	1,010	786	714	340	323	335
Galena	.....	15	19	.....	130	114	.....	797	421	.....	109	165
Hutchinson	67	44	42	667	510	536	3,614	2,031	1,541	941	644	503
Independence	.....	.....	.....	.....	.....	.....	357	.....	.....	365	.....	.....
Kansas City	165	100	114	12,294	10,529	9,246	164,081	96,473	80,023	19,951	12,590	11,148
Lawrence	40	39	39	422	402	461	1,653	658	1,239	498	341	347
Leavenworth	79	89	89	1,311	1,321	1,141	4,875	4,152	3,251	1,677	1,564	1,270
Parsons	25	.....	.....	1,130	.....	.....	1,136	.....	.....	.....	.....	.....
Pittsburg	49	34	33	972	919	882	1,817	1,494	1,434	1,093	848	523
Topeka	202	154	145	4,244	3,953	2,874	17,821	14,449	8,357	5,562	4,216	3,079
Wichita	225	110	103	2,783	1,262	863	22,564	7,930	3,329	5,579	1,963	973

¹ While the population for 1900 was in excess of 10,000, statistics for that census are not available.

² Does not include statistics for Gary.

CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

Table 113—Continued.

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
	1909	1904	1899	1909	1904	1899	Expressed in thousands.			1909	1904	1899
							1909	1904	1899			
KENTUCKY:												
Covington.....	196	199	204	3,942	3,703	3,212	\$8,712	\$6,100	\$5,479	\$4,241	\$3,490	\$2,962
Frankfort.....	31	30	34	537	525	281	3,083	1,747	1,327	1,115	614	498
Henderson.....	43	34	26	1,088	459	352	2,932	1,365	1,032	1,210	905	431
Lexington.....	83	88	88	1,032	1,114	797	2,775	1,859	1,692	1,399	1,289	961
Louisville.....	903	842	860	27,023	24,985	23,062	101,284	83,204	66,110	47,156	37,522	31,234
Newport.....	144	105	134	2,632	1,958	1,955	6,491	5,231	3,548	3,125	2,259	2,075
Owensboro.....	69	60	51	1,064	1,392	800	3,505	3,319	1,740	1,253	1,594	825
Paduach.....	91	84	70	2,613	2,841	2,061	4,967	4,443	2,977	2,619	2,938	1,642
LOUISIANA:												
Alexandria.....	30			513			1,279			681		
Baton Rouge.....	33	37	13	357	620	329	1,383	718	322	785	331	
Lake Charles.....	33			736			2,251			982		
Monroe.....	23			681			1,255			710		
New Orleans.....	848	690	688	17,186	17,468	16,185	78,794	81,411	57,446	30,062	22,583	17,061
Shreveport.....	61	63	40	1,114	1,162	736	3,643	2,838	1,556	1,554	1,554	635
MAINE:												
Auburn.....	83	72	67	3,452	2,652	2,749	8,843	6,407	5,965	3,053	1,990	1,978
Augusta.....	40	44	52	2,096	1,860	2,018	4,662	3,857	3,313	2,000	2,104	2,104
Bangor.....	122	87	101	1,327	1,496	1,511	3,346	3,408	3,336	1,499	1,671	1,431
Bath.....		46	54		1,950	2,097					1,672	1,759
Biddeford.....	45	33	39	3,076	4,764	4,375	9,012	6,949	5,472	4,114	2,813	2,506
Bowling Green.....	83	81	84	6,788	18,107	6,977	10,475	8,528	7,779	5,200	15,233	9,061
Lewiston.....	271	243	234	4,902	4,345	3,763	11,950	9,133	7,334	5,941	4,778	3,731
Waterville.....	33	40	29	1,812	2,011	1,926	3,179	3,069	2,284	1,408	1,296	1,238
MARYLAND:												
Baltimore.....	2,502	2,158	2,274	71,444	65,500	66,571	186,978	150,171	135,108	79,954	69,616	59,885
Cumberland.....	71	72	56	1,936	2,276	1,643	4,534	4,595	2,900	1,858	1,917	1,226
Frederick.....	55	55	54	1,026	1,032	939	2,911	1,938	1,438	836	715	549
Hagerstown.....	76	67	80	1,718	2,020	1,515	3,197	3,027	1,820	1,999	1,570	721
MASSACHUSETTS:												
Adams town.....	31	23	26	3,991	3,994	3,182	6,410	5,492	3,894	3,328	2,804	2,181
Arlington town.....	19	18	12	283	209	122	493			267		144
Attleborough town.....	128	108	108	6,429	5,044	4,811	15,140	10,050	8,751	8,347	5,399	4,955
Beverly.....	62	71	73	4,487	2,083	2,275	8,653	4,101	3,781	5,362	1,778	1,632
Boston.....	3,155	2,747	2,878	69,637	59,160	52,855	237,457	184,351	162,765	112,880	89,748	80,470
Brockton.....	196	201	186	14,737	18,107	6,977	45,475	37,791	24,779	17,200	15,233	9,262
Brookline town.....	16	13	8	340	495	324	532	733	485	356	462	311
Cambridge.....	275	262	243	15,240	14,586	11,070	44,227	42,407	29,062	20,661	17,290	12,319
Chelsea.....	110	130	120	5,954	4,939	2,959	17,003	13,879	9,519	6,434	5,572	4,038
Chelsea.....	48	40	46	7,200	4,679	4,085	19,219	7,716	5,389	8,267	3,886	2,689
Chicopee.....	39	35	22	2,123	3,482	3,836	7,845	5,458	5,043	3,629	2,050	2,328
Everett.....	62	51	52	4,260	2,186	1,876	8,747	6,136	4,437	4,241	3,013	1,963
Fall River.....	215	204	280	37,139	26,836	30,646	64,146	43,473	39,103	28,622	17,377	21,033
Fitchburg.....	122	107	115	8,497	6,498	6,218	25,252	19,301	13,098	8,810	5,370	5,528
Framingham town.....	27	36	34	3,069	2,484	2,207	6,917	4,174	3,007	3,506	1,657	1,315
Gardner town.....	52	50	46	3,617	3,168	2,896	6,485	5,019	4,386	3,652	2,449	2,102
Gloucester.....	102	132	137	2,181	1,763	2,367	7,753	6,921	6,293	2,853	2,239	2,061
Greenfield town.....	47			1,251			2,801			1,767		
Haverhill.....	346	320	390	11,089	9,574	9,761	35,377	24,447	23,419	13,691	10,190	8,425
Holyoke.....	187	179	158	16,513	14,685	12,519	40,097	30,731	24,093	17,796	14,152	11,387
Hyde Park town.....	40	40	53	4,320	3,991	2,483	7,336	6,739	4,484	3,985	3,158	1,877
Lawrence.....	162	187	167	30,542	21,910	20,899	79,993	48,037	41,742	34,553	18,621	16,900
Leominster town.....	94	65	70	5,601	4,127	3,412	10,531	7,502	5,397	4,955	3,528	2,628
Lowell.....	320	256	286	32,575	29,303	29,254	60,271	46,879	41,203	27,440	19,968	20,924
Lynn.....	481	461	423	27,368	21,540	16,377	11,508	55,003	39,347	30,142	22,587	14,576
Malden.....	86	59	53	2,900	2,954	2,416	8,206	11,236	6,002	3,518	7,191	2,518
Marlborough.....	59	46	50	4,265	3,479	2,524	10,382	7,469	4,468	4,007	2,883	1,664
Medford.....	40	37	36	560	484	575	2,045	872	1,132	795	486	592
Metrose.....	25	24	16	1,038	1,571	1,180	2,825	9,451	5,240	1,236	6,536	1,270
Methen town.....	53	44	50	1,801	1,782	1,357	3,476	3,390	2,552	2,053	1,614	1,086
New Bedford.....	207	176	171	26,566	17,855	15,263	53,238	29,469	29,297	24,674	13,378	11,614
Newburyport.....	74	68	64	3,215	2,955	2,801	6,931	6,810	5,141	3,150	2,548	2,090
Newton.....	40	40	46	2,174	1,893	1,823	6,279	4,142	3,679	2,886	1,899	1,785
North Adams.....	60	58	68	5,414	5,502	6,312	10,315	8,036	10,741	4,739	6,094	4,025
Northampton.....	74	77	66	3,150	2,962	2,635	6,999	5,756	4,707	3,836	2,714	2,167
Pittsfield.....	74	76	68	4,830	3,953	2,661	15,549	10,237	6,944	5,357	3,489	1,870
Springfield.....	446	296	278	11,835	6,608	6,590	15,880	13,645	11,244	7,668	5,928	6,004
Plymouth town.....	32	35	27	2,912	2,300	1,511	11,618	11,116	5,580	3,143	2,548	1,866
Quincy.....	183	161	153	5,492	5,371	2,128	10,505	8,982	3,012	6,661	5,278	2,103
Revere town.....	15	14	10	1,011	125	87	407	355	156	115	109	105
Salem.....	115	143	162	6,338	5,945	5,625	14,576	12,942	10,570	5,536	4,127	3,277
Somerville.....	114	78	85	5,280	3,474	3,528	38,687	22,855	20,065	6,764	3,779	3,730
Southbridge town.....	36	32	32	4,037	3,223	2,687	6,269	4,202	3,512	3,144	1,922	1,730
Springfield.....	346	296	278	11,835	10,523	8,152	31,773	25,800	18,155	17,410	13,480	9,263
Taunton.....	146	127	114	7,407	6,008	6,590	15,880	13,645	11,244	7,668	5,928	6,004
Wakefield town.....	23	22	25	2,230	1,804	1,436	5,527	4,808	2,647	2,692	1,970	1,993
Walham.....	80	60	74	6,037	6,208	4,861	7,814	7,150	5,890	5,370	5,083	4,001
Westertown town.....	25	20	17	4,335	3,322	1,935	11,546	15,525	5,330	5,083	9,996	1,831
Webster town.....	23	16	20	3,409	3,105	2,377	11,206	5,808	4,002	3,576	1,927	1,546
Westfield town.....	91	86	97	3,060	2,634	2,370	7,362	5,818	4,441	4,494	2,567	2,336
Weymouth town.....	41	46	51	1,991	1,841	1,922	6,627	4,922	3,530	2,423	1,924	2,211
Winthrop town.....	7			7			42			27		
Woburn.....	59	52	47	1,653	1,482	1,356	5,465	4,654	4,003	2,104	1,846	1,154
Worcester.....	580	470	465	28,221	22,796	22,383	77,148	52,145	46,793	34,247	25,134	23,323

(CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.)

[See explanatory note on the first page of this table.]

Table 113—Continued.

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
	Expressed in thousands.											
MICHIGAN:												
Adrin.....	80	65	63	1,059	1,502	1,030	\$6,085	\$4,807	\$2,125	\$1,935	\$2,068	\$1,227
Alpena.....	58	57	46	1,432	1,245	1,202	3,964	2,905	2,273	1,663	1,220	997
Ann Arbor.....	63	65	71	573	549	623	1,866	1,386	1,377	856	612	592
Battle Creek.....	105	120	75	4,175	3,389	2,031	20,174	12,298	6,301	13,106	8,314	4,201
Bay City.....	182	175	177	4,797	4,456	4,309	10,270	8,899	9,011	4,647	3,861	3,776
Detroit.....	2,036	1,362	1,259	81,011	48,483	38,373	252,992	128,247	88,366	122,774	61,666	41,359
Escanaba.....	39	34	26	720	949	520	1,074	1,333	610	710	920	360
Flint.....	104	70	63	7,088	2,161	1,960	24,118	6,177	4,713	10,147	2,408	1,959
Grand Rapids.....	524	388	882	17,590	15,514	12,829	42,231	30,690	22,229	22,495	16,268	11,108
Holland.....	59	.....	.....	1,940	.....	.....	4,622	.....	.....	2,038	.....	.....
Ironwood.....	14	13	14	201	87	90	377	202	145	176	124	90
Ishpeming.....	19	15	14	66	73	80	132	247	195	80	105	100
Jackson.....	169	147	117	4,797	3,967	3,713	14,006	8,348	6,710	5,838	4,076	2,962
Kalamazoo.....	193	157	129	6,272	5,666	3,870	17,904	13,142	7,186	8,399	6,246	3,293
Laings.....	169	98	74	5,285	2,982	1,425	16,567	6,887	2,942	7,055	3,414	1,310
Manistee.....	64	47	56	2,125	2,084	2,103	3,344	3,257	3,625	2,065	1,983	2,249
Marquette.....	34	31	29	490	876	738	2,364	2,364	1,585	2,066	972	772
Menominee.....	52	45	38	1,700	1,489	1,703	3,728	2,974	4,076	2,071	1,601	2,239
Muskegon.....	101	70	67	4,522	3,078	3,078	9,648	6,319	4,528	4,710	2,793	2,269
Pontiac.....	42	47	47	1,739	1,296	1,092	5,894	3,047	2,471	2,654	1,312	869
Port Huron.....	82	74	78	1,580	2,186	2,026	3,588	3,715	3,627	1,650	1,968	1,375
Saginaw.....	203	179	184	5,990	4,445	4,205	18,833	10,079	8,633	8,424	4,712	3,569
Sault Ste. Marie.....	47	38	32	1,005	895	317	4,619	2,412	728	1,496	985	449
Traverse City.....	61	46	36	1,220	1,108	909	2,280	2,177	1,201	1,106	1,079	686
MINNESOTA:												
Duluth.....	194	163	126	6,083	3,987	3,658	17,180	10,139	7,811	8,336	5,505	4,152
Mankato.....	63	54	47	807	724	520	3,723	3,422	1,887	893	582	582
Minneapolis.....	1,102	876	789	26,962	21,671	19,620	165,905	121,163	94,408	45,412	32,281	25,467
St. Cloud.....	69	39	30	626	414	507	2,299	1,800	1,561	957	583	484
St. Paul.....	719	614	537	19,339	14,363	13,019	58,990	38,319	30,656	28,690	15,331	14,144
Stillwater.....	38	36	32	1,088	955	829	2,636	2,784	1,801	1,038	1,800	751
Virginia.....	21	.....	.....	188	.....	.....	510	.....	.....	367	.....	.....
Winona.....	99	86	72	2,032	1,953	1,965	11,199	7,850	6,013	3,869	2,576	2,012
MISSISSIPPI:												
Hattiesburg.....	29	.....	.....	648	.....	.....	1,251	.....	.....	626	.....	.....
Jackson.....	45	.....	.....	799	.....	.....	3,113	.....	.....	1,145	.....	.....
Meridian.....	54	53	42	1,524	1,346	834	4,238	3,267	1,924	1,764	1,215	809
Natchez.....	27	24	16	428	316	648	1,114	820	1,115	425	317	534
Vicksburg.....	47	32	24	1,202	1,031	987	2,228	1,888	1,368	1,181	895	662
MISSOURI:												
Hannibal.....	66	58	66	2,445	1,811	1,238	6,195	3,564	2,699	1,879	1,408	964
Jefferson City.....	35	45	41	1,336	262	229	5,446	3,927	3,061	1,794	1,440	930
Joplin.....	77	56	45	830	680	682	4,136	3,006	2,325	1,778	1,046	709
Kansas City.....	902	612	585	14,643	11,039	9,699	54,704	35,573	23,588	23,742	10,407	11,057
Moberly.....	51	28	32	999	496	656	1,984	801	792	692	462	462
St. Joseph.....	201	219	184	5,396	4,667	3,162	17,626	11,674	11,674	6,573	4,754	4,030
St. Louis.....	2,667	2,482	2,646	87,371	82,698	64,832	328,495	267,307	193,733	140,366	128,567	91,896
Sedalia.....	75	50	57	935	974	909	2,333	1,692	1,283	1,117	867	608
Springfield.....	108	82	79	2,131	2,158	1,710	5,382	5,293	3,434	2,334	1,901	1,443
Webb City.....	25	19	12	170	138	126	777	638	354	264	243	140
MONTANA:												
Anaconda.....	13	.....	.....	97	.....	.....	591	.....	.....	434	.....	.....
Billings.....	37	.....	.....	226	.....	.....	1,243	.....	.....	478	.....	.....
Butte.....	66	54	56	662	478	411	2,464	1,760	1,517	1,544	1,192	739
Helena.....	44	34	27	420	349	264	1,303	1,163	776	810	435	440
Missoula.....	26	.....	.....	428	.....	.....	1,171	.....	.....	769	.....	.....
NEBRASKA:												
Grand Island.....	44	.....	.....	616	.....	.....	1,837	.....	.....	826	.....	.....
Lincoln.....	167	128	81	2,146	1,617	1,104	7,010	5,225	3,777	3,146	2,511	1,168
Omaha.....	432	318	307	8,023	5,822	5,276	60,854	54,004	38,072	17,439	11,111	18,146
South Omaha.....	71	41	41	6,306	5,662	6,327	92,436	67,415	69,509	14,763	8,222	8,491
NEVADA:												
Reno.....	40	.....	.....	310	.....	.....	1,862	.....	.....	691	.....	.....
NEW HAMPSHIRE:												
Berlin.....	20	17	17	1,790	2,282	2,810	5,807	5,989	5,985	2,243	2,324	2,874
Concord.....	111	80	86	2,663	2,654	2,432	6,477	5,374	4,211	2,931	2,543	2,123
Dover.....	51	42	40	3,030	2,859	2,797	6,370	6,043	5,440	3,134	2,173	2,167
Keene.....	64	50	57	1,769	1,685	1,576	3,483	2,691	2,584	1,646	1,314	1,138
Laconia.....	43	35	32	2,146	1,957	1,535	3,518	3,067	2,152	1,805	1,377	938
Manchester.....	175	155	166	24,735	17,579	17,862	46,812	30,697	24,628	16,315	11,990	10,825
Nashua.....	104	78	72	7,312	6,159	5,777	17,326	12,858	10,096	6,947	4,375	3,970
Portsmouth.....	36	27	35	992	638	1,323	2,871	2,602	3,961	1,510	1,714	2,086
NEW JERSEY:												
Asbury Park.....	27	.....	.....	264	.....	.....	2,602	.....	.....	1,308	.....	.....
Atlantic City.....	94	62	36	726	381	305	2,290	975	608	1,024	610	327
Bayonne.....	97	78	83	2,514	1,957	4,670	73,641	60,637	38,601	14,760	13,650	4,807
Bloomfield town.....	45	33	39	2,957	1,893	1,612	5,895	4,645	3,371	3,594	2,895	1,665
Bridgeton.....	74	61	62	2,387	2,276	2,182	4,070	2,964	2,259	2,073	1,725	1,216
Camden.....	365	298	322	16,327	12,661	7,742	49,138	33,387	17,970	21,754	13,164	7,528
East Orange.....	142	17	22	1,386	854	690	3,725	2,327	2,087	1,957	1,219	1,176
Elizabeth.....	163	124	141	12,737	12,335	9,498	29,147	29,301	22,561	12,718	12,320	9,948
Garfield borough.....	25	.....	.....	2,530	.....	.....	8,804	.....	.....	2,919	.....	.....
Hackensack town.....	46	23	21	738	812	487	1,978	1,488	782	1,079	801	411
Harrison town.....	54	41	41	6,509	4,040	2,870	13,142	8,087	7,709	4,780	2,885	2,885
Hoboken.....	244	279	194	8,100	7,227	5,712	20,413	14,077	10,483	10,944	7,497	5,457
Irvington town.....	51	.....	.....	540	.....	.....	3,018	.....	.....	675	.....	.....

¹ Does not include statistics for Great Falls.

CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
	Expressed in thousands.											
NEW JERSEY—Continued.												
Jersey City.....	745	628	536	25,454	20,353	17,301	\$128,775	\$75,741	\$72,530	\$39,458	\$26,942	\$22,624
Keary town.....	18	11	16	2,820	1,386	8,906	4,428	1,607	3,043	923	623	623
Long Branch.....	34	26	11	415	294	96	1,117	577	281	533	370	172
Millville.....	39	35	18	2,761	2,767	2,239	4,182	3,719	2,514	2,335	2,583	1,905
Montclair town.....	23	19	23	252	151	169	1,026	621	664	357	202	278
Morristown town.....	31	20	22	241	307	252	1,026	724	735	306	496	246
New Brunswick.....	93	71	72	5,264	4,590	3,836	10,065	8,917	5,791	5,456	4,759	2,797
Newark.....	1,858	1,600	1,573	59,955	50,697	42,878	202,511	130,055	112,728	87,832	69,366	51,956
Orange.....	83	66	74	4,383	2,450	1,640	9,176	6,151	2,996	5,488	3,569	1,416
Passaic.....	169	95	70	15,067	6,395	41,729	27,782	12,965	17,304	6,673	5,887	5,887
Paterson.....	702	513	487	32,004	28,509	28,542	69,584	54,673	48,302	34,856	27,232	23,447
Perth Amboy.....	80	53	47	5,866	3,950	2,005	73,093	34,800	14,061	9,161	4,884	2,714
Phillipsburg town.....	39	32	34	3,432	3,148	2,216	9,150	6,684	4,385	4,380	3,118	1,782
Plainfield.....	60	49	32	1,738	1,886	1,384	3,649	3,572	2,437	2,119	1,409	1,624
Trenton.....	340	311	246	18,543	14,130	13,138	49,009	32,369	28,458	21,336	14,909	11,877
Union town.....	83	77	57	2,894	1,856	1,376	7,941	3,512	3,403	4,402	2,120	1,965
West Hoboken town.....	137	95	65	2,782	3,502	2,733	5,577	5,947	4,769	3,089	2,825	2,240
West New York town.....	66	.....	.....	1,508	.....	.....	9,274	.....	.....	1,868	.....	.....
West Orange town.....	10	.....	.....	476	.....	.....	748	.....	.....	949	.....	.....
NEW MEXICO:												
Albuquerque.....	31	.....	.....	587	.....	.....	1,288	.....	.....	704	.....	.....
NEW YORK: 1												
Albany.....	305	490	511	9,861	8,976	8,106	22,826	20,209	17,399	12,305	10,832	9,762
Amsterdam.....	97	89	98	10,284	7,993	6,261	22,449	15,007	10,643	9,254	6,154	4,633
Auburn.....	140	111	120	6,497	6,660	5,895	15,961	13,421	9,575	7,024	5,176	4,363
Batavia village.....	59	51	54	2,007	1,603	1,573	4,401	3,589	2,573	2,620	1,805	1,327
Binghamton.....	206	241	219	6,823	5,636	5,011	17,114	13,907	10,539	8,688	7,486	5,177
Buffalo.....	1,753	1,478	1,112	43,567	34,275	28,804	218,804	147,378	105,627	82,261	59,011	39,688
Cohoes.....	103	98	112	8,209	6,910	8,273	14,831	10,290	11,631	6,655	4,466	3,123
Corning.....	45	57	49	2,074	2,355	1,600	3,050	3,054	2,273	2,186	2,009	1,353
Cortland.....	51	53	40	2,556	2,282	1,412	6,395	4,574	3,054	2,821	1,976	1,508
Dunkirk.....	37	38	41	1,736	3,395	2,333	6,576	9,908	6,308	3,160	2,211	1,624
Elmira.....	154	142	144	3,647	3,208	3,570	8,067	6,308	6,597	4,427	3,307	2,695
Fulton.....	45	.....	.....	2,799	.....	.....	7,867	.....	.....	3,910	.....	.....
Geneva.....	56	54	49	1,520	1,580	1,180	5,154	4,352	2,716	2,163	1,966	1,066
Glens Falls.....	49	48	47	2,774	2,652	3,101	4,877	2,825	3,984	2,168	1,833	1,135
Gloversville.....	187	180	183	5,741	5,048	7,813	14,171	9,341	9,670	6,109	4,059	3,816
Hornell.....	45	45	48	2,183	2,200	1,549	3,648	3,163	2,431	1,770	1,699	1,123
Hudson.....	45	48	45	1,302	1,524	1,132	3,506	4,116	2,694	1,445	2,058	1,270
Utica.....	81	67	62	873	801	801	1,920	2,090	1,301	1,080	1,261	845
Johnstown.....	156	149	106	6,789	5,237	4,528	14,720	10,350	7,731	7,336	6,099	3,937
Johnstown.....	138	100	115	2,589	2,426	3,695	6,574	4,543	5,123	2,649	1,982	2,138
Kingston.....	39	39	109	3,281	2,636	2,042	5,986	4,812	3,552	3,494	2,700	2,049
Little Falls.....	55	49	52	4,211	2,621	2,940	8,460	4,471	4,071	3,936	3,196	1,838
Lockport.....	109	109	124	2,138	2,323	2,359	5,808	5,353	2,532	2,492	2,226	1,395
Middletown.....	59	50	51	1,733	1,596	1,396	4,658	3,356	2,155	1,733	1,400	830
Mount Vernon.....	90	54	37	1,207	670	458	3,376	1,877	919	1,690	1,022	582
Newburgh.....	104	79	93	4,344	4,013	3,074	9,928	7,036	5,358	5,083	3,760	2,710
New Rochelle.....	42	28	25	735	517	198	1,669	1,103	508	855	641	230
New York.....	25,938	20,859	19,243	554,002	464,716	388,586	2,029,693	1,526,523	1,172,570	937,358	708,946	538,640
Niagara Falls.....	130	85	93	6,089	4,574	2,840	28,652	16,916	8,340	14,381	7,724	3,652
North Tonawanda.....	81	38	34	2,824	2,025	1,656	9,660	6,499	6,284	3,201	1,915	1,030
Ogdensburg.....	75	55	74	1,259	929	809	4,948	3,657	2,261	1,440	794	730
Olean.....	54	41	47	2,259	1,175	1,793	10,005	4,677	6,210	2,277	1,380	1,395
Ossining village.....	34	.....	.....	336	.....	.....	1,329	.....	.....	873	.....	.....
Oswego.....	84	77	75	3,817	3,746	3,457	10,413	7,592	7,487	4,310	2,755	3,175
Peekskill village.....	52	46	37	2,055	1,957	1,281	7,888	7,252	1,783	4,946	4,970	1,022
Plattsburg.....	41	39	39	1,049	750	621	3,137	1,057	1,043	1,092	547	519
Port Chester village.....	34	.....	.....	2,122	.....	.....	6,243	.....	.....	1,880	.....	.....
Poughkeepsie.....	111	108	118	3,299	3,775	2,810	9,151	7,207	5,576	5,284	3,674	2,595
Rensselaer.....	33	.....	.....	763	.....	.....	2,296	.....	.....	1,130	.....	.....
Rochester.....	1,263	1,109	1,221	39,108	31,779	28,049	112,676	81,109	59,669	62,062	43,191	31,424
Rome.....	119	89	87	3,633	3,299	2,274	14,423	8,621	5,549	4,319	2,375	2,087
Saratoga Springs village.....	39	35	44	833	590	602	2,337	1,709	1,334	1,484	1,007	636
Schenectady.....	134	103	83	14,931	14,316	11,804	38,165	33,084	27,605	16,213	16,887	7,680
Syracuse.....	738	657	630	18,148	14,554	11,499	49,435	34,687	26,546	27,659	18,005	13,998
Troy.....	363	311	327	20,020	19,114	12,840	37,580	31,861	28,739	22,534	18,115	17,277
Utica.....	317	333	311	13,153	10,882	8,888	31,199	22,880	16,479	14,535	10,106	8,285
Watertown.....	107	85	91	3,291	3,020	3,223	8,527	7,251	6,888	4,706	3,909	3,180
Watervliet.....	36	36	41	753	1,111	1,000	1,069	1,738	1,507	853	899	774
White Plains village.....	34	.....	.....	249	.....	.....	844	.....	.....	211	.....	.....
Yonkers.....	158	106	107	12,711	9,779	7,555	59,334	33,549	17,304	16,132	10,219	7,762
NORTH CAROLINA:												
Asheville.....	52	45	37	984	792	804	3,250	1,918	1,209	955	671	479
Charlotte.....	108	73	57	4,199	2,234	2,787	10,460	4,850	4,187	3,929	1,981	1,583
Durham.....	61	.....	.....	3,718	.....	.....	23,271	.....	.....	13,401	.....	.....
Greensboro.....	61	63	43	952	1,698	677	2,031	1,744	926	1,025	766	441
Raleigh.....	55	42	37	1,024	885	549	4,167	1,160	947	2,376	1,014	814
Wilmington.....	64	53	50	1,213	1,594	1,553	3,005	2,904	2,283	1,102	1,189	808
Winston.....	52	47	30	6,708	4,850	2,894	16,778	11,353	4,888	9,882	7,510	3,255
NORTH DAKOTA:												
Fargo.....	61	47	36	510	386	307	2,477	1,161	1,231	1,067	606	448
Grand Forks.....	35	.....	.....	350	.....	.....	1,910	.....	.....	659	.....	.....

1 Does not include statistics for Lackawanna.

CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued

[See explanatory note on the first page of this table.]

Table 113—Continued.

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
	Expressed in thousands.											
OHIO:												
Akron.....	246	186	178	15,831	9,626	8,259	\$73,158	\$33,559	\$22,016	\$30,087	\$13,149	\$9,295
Alliance.....	44	40	39	2,524	1,442	1,496	6,135	5,347	5,203	1,646	1,655	1,557
Astabula.....	44	36	29	1,471	846	373	3,459	1,895	884	1,375	899	357
Bellaire.....	36	37	30	2,597	2,183	1,928	10,091	10,712	8,838	2,932	3,396	2,851
Cambridge.....	32	34	28	1,230	814	768	4,291	2,141	2,202	1,406	921	885
Canton.....	204	158	104	9,894	5,938	5,199	28,583	10,291	9,573	13,039	5,997	5,226
Chillicothe.....	57	64	46	4,174	1,553	1,112	4,345	3,147	1,616	1,307	1,219	738
Cincinnati.....	2,184	2,171	2,454	60,192	58,584	54,942	194,516	166,050	141,678	92,584	82,801	70,287
Cleveland.....	2,148	1,616	1,350	84,728	64,041	55,341	271,981	171,924	139,356	117,046	74,846	62,891
Columbus.....	886	459	408	45,428	13,570	13,787	49,212	39,530	24,748	25,828	20,286	16,493
Dayton.....	513	431	425	21,549	17,093	14,408	60,378	39,597	31,015	32,850	21,092	16,685
East Liverpool.....	82	81	75	4,873	5,228	4,171	6,629	6,437	4,749	4,108	4,330	3,286
Elyria.....	58	50	32	2,673	1,144	638	8,065	2,933	1,221	3,570	1,838	481
Findlay.....	74	71	50	1,376	1,343	1,107	3,487	2,925	1,686	1,369	1,346	633
Hamilton.....	125	113	97	6,895	6,107	5,147	18,184	13,811	10,656	8,544	7,427	5,633
Ironton.....	65	57	53	1,920	1,800	1,577	7,118	4,755	5,411	2,124	1,332	2,266
Lancaster.....	42	42	36	1,532	1,635	1,069	4,074	3,848	1,965	1,023	1,347	846
Lima.....	85	77	76	3,607	2,733	1,980	7,754	4,828	6,223	3,854	2,287	1,841
Lorain.....	57	43	26	6,697	5,102	2,233	38,987	14,491	9,481	14,765	4,783	2,996
Mansfield.....	121	109	95	3,204	3,021	2,622	8,173	7,354	6,076	3,817	3,831	3,371
Marietta.....	66	73	77	1,288	1,314	1,511	3,214	2,599	2,398	1,427	1,233	1,298
Marton.....	53	47	39	1,919	1,221	1,171	3,607	4,228	2,426	1,820	1,620	1,470
Massillon.....	56	52	49	1,934	1,995	1,474	4,788	3,707	2,749	2,498	1,235	1,486
Middletown.....	41	47	41	2,576	1,814	1,578	16,517	8,538	5,800	8,567	4,846	3,327
Newark.....	72	78	69	3,913	3,627	2,075	7,831	5,613	2,879	3,869	3,180	1,699
Norwood.....	49	49	40	3,907	3,907	3,907	9,684	9,684	9,684	5,664	5,664	5,664
Piqua.....	82	76	68	2,683	2,044	1,955	6,931	4,066	5,552	3,079	2,128	1,942
Portsmouth.....	75	81	100	3,728	4,072	4,153	7,277	6,645	6,659	3,383	3,125	3,254
Sandusky.....	91	93	91	2,118	2,323	1,453	5,947	4,879	5,834	3,112	2,743	1,627
Springfield.....	195	157	105	16,258	6,294	6,294	19,446	13,322	12,116	10,327	7,620	6,820
Steubenville.....	55	72	54	4,267	4,184	1,773	21,187	12,370	4,547	6,744	4,127	2,141
Tiffin.....	75	87	75	1,632	1,645	1,238	3,254	2,434	1,902	2,002	1,434	1,094
Toledo.....	760	597	445	18,878	15,697	12,747	61,230	44,501	31,976	27,146	19,035	12,575
Warren.....	68	63	58	3,938	1,905	1,832	6,988	4,414	4,583	2,924	2,042	1,492
Youngstown.....	115	103	103	10,498	8,095	8,679	81,271	46,853	33,908	18,979	11,670	10,775
Zanesville.....	109	99	115	3,150	3,098	3,405	9,145	6,347	5,708	3,641	3,056	2,622
OKLAHOMA:												
Chickasha.....	30	.....	.....	364	.....	.....	1,807	.....	.....	582	.....	.....
Enid.....	65	.....	.....	303	.....	.....	2,453	.....	.....	646	.....	.....
Guthrie.....	34	34	33	282	333	241	1,443	1,209	649	496	499	312
McAlester.....	29	.....	.....	189	.....	.....	2,279	.....	.....	401	.....	.....
Muskogee.....	54	.....	.....	381	.....	.....	2,971	.....	.....	801	.....	.....
Oklahoma City.....	40	89	36	1,398	720	220	7,808	3,671	845	2,722	1,309	328
Shawnee.....	171	.....	.....	1,014	.....	.....	2,081	.....	.....	918	.....	.....
Tulsa.....	53	.....	.....	462	.....	.....	1,563	.....	.....	689	.....	.....
OREGON:												
Portland.....	649	437	408	12,214	8,171	5,380	46,861	28,651	16,904	20,785	11,627	6,727
Salem.....	62	.....	.....	597	.....	.....	2,208	.....	.....	1,031	.....	.....
PENNSYLVANIA:												
Allentown.....	274	257	216	11,481	8,984	7,355	26,293	16,841	14,900	10,682	6,968	6,013
Altoona.....	44	73	57	8,400	9,540	6,573	16,763	14,350	11,273	7,629	7,102	4,390
Beaver Falls borough.....	44	42	47	2,180	2,232	2,174	6,400	4,908	6,229	3,385	2,666	2,370
Bellevue.....	40	.....	.....	1,883	.....	.....	3,712	.....	.....	1,382	.....	.....
Bradford borough.....	41	38	30	1,040	1,225	815	5,004	4,125	4,091	1,747	1,387	1,526
Bradford.....	62	80	63	1,318	1,490	1,200	8,887	3,192	3,125	1,445	1,659	1,480
Butler borough.....	81	48	41	2,823	2,093	792	11,038	6,832	1,403	3,622	2,172	883
Carbondale.....	34	32	26	1,503	1,475	1,023	2,523	2,316	1,146	1,270	1,293	676
Carlisle borough.....	59	48	39	1,534	1,349	1,121	2,496	1,986	1,708	1,065	857	661
Carnegie borough.....	19	.....	.....	422	.....	.....	5,009	.....	.....	658	.....	.....
Chambersburg borough.....	57	47	44	1,364	843	612	2,456	1,085	815	1,286	516	337
Chester.....	128	131	121	6,986	7,064	6,972	19,373	16,645	14,940	7,797	6,223	6,369
Columbia borough.....	47	44	33	1,773	3,674	2,519	4,807	3,887	4,214	2,136	1,434	1,642
Cornellville borough.....	39	.....	.....	1,635	.....	.....	1,971	.....	.....	1,154	.....	.....
DuBois borough.....	37	34	24	1,015	1,057	817	1,890	2,607	1,768	964	882	615
Dummore borough.....	18	15	14	1,308	1,133	614	1,851	1,460	1,132	1,181	910	642
Easton.....	126	107	106	5,591	4,529	3,275	6,915	4,678	3,653	4,653	3,359	2,232
Erie.....	391	261	260	9,796	8,415	8,032	24,226	18,639	16,493	12,162	9,212	6,285
Greensburg borough.....	49	.....	.....	910	.....	.....	726	.....	.....	396	.....	.....
Harrisburg.....	179	175	175	7,343	7,955	6,439	22,725	16,571	14,966	8,642	6,244	5,991
Hatfield.....	77	62	45	2,682	1,686	822	4,707	2,380	1,669	2,136	1,085	768
Homestead borough.....	26	27	15	171	307	164	659	713	266	337	448	165
Johnstown.....	97	82	66	10,574	6,914	5,600	48,106	28,892	21,365	15,758	9,137	7,457
Lancaster.....	306	300	284	7,957	8,638	7,594	19,479	14,648	12,750	7,138	7,050	6,297
Lehannon.....	108	107	103	5,591	4,529	3,275	6,915	4,678	3,653	4,653	3,359	2,232
McKeesport.....	68	75	67	8,246	8,848	7,213	42,305	23,054	36,058	15,199	10,744	11,223
McKees Rocks borough.....	31	.....	.....	3,591	.....	.....	9,787	.....	.....	4,480	.....	.....
Mahanoy City borough.....	33	29	29	590	238	301	868	431	491	485	288	288
Meadville.....	62	62	46	2,048	1,300	1,201	3,539	2,073	1,669	1,371	1,111	773
Mount Carmel borough.....	20	19	9	600	197	109	785	620	393	369	193	133
Nanticoke borough.....	17	12	17	348	220	140	423	358	140	248	130	128
New Castle.....	82	71	71	5,339	5,433	4,529	38,068	28,923	20,016	7,064	7,711	6,870
Norristown borough.....	111	84	71	3,318	1,817	1,414	7,413	4,317	4,105	2,414	1,948	1,948
Oil City.....	34	36	42	1,338	1,552	1,823	4,122	3,064	2,164	1,822	1,748	1,476
Philadelphia.....	8,379	7,087	7,503	231,884	228,899	214,775	746,076	591,388	519,982	316,984	258,036	224,807
Phoenixville borough.....	31	61	32	2,399	2,888	2,249	9,876	5,500	3,222	2,159	2,477	1,475
Pittsburgh.....	1,559	1,567	1,401	67,474	71,018	71,974	245,354	211,259	218,888	94,927	86,979	89,490
Pittston.....	40	40	27	1,922	330	357	1,969	1,475	998	902	747	375

¹ Does not include statistics for Lakewood.

CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
	1909	1904	1899	1909	1904	1899	1909	1904	1899	1909	1904	1899
	Expressed in thousands.											
PENNSYLVANIA—Continued.												
Plymouth borough.....	23	23	24	908	827	756	\$1,179	\$860	\$533	\$475	\$413	\$292
Potfstown borough.....	78	77	65	3,650	3,457	2,681	12,595	8,145	7,357	3,596	2,707	2,512
Pottsville borough.....	91	79	77	2,572	1,994	1,699	9,158	5,806	4,890	3,211	1,791	1,400
Reading.....	482	402	403	24,145	18,053	16,892	51,135	30,491	32,682	21,287	15,782	15,686
Seranton.....	293	258	247	12,851	10,912	11,139	26,385	20,453	24,742	12,063	9,200	7,522
Shamokin borough.....	29	48	46	1,623	897	762	3,544	1,444	1,147	1,415	418	447
Sharon borough.....	45	37	35	3,316	1,812	1,827	5,512	3,781	3,785	3,198	1,880	1,501
Shenandoah borough.....	29	30	22	242	170	107	883	595	302	552	414	208
South Bethlehem borough.....	49	40	38	7,985	5,754	4,645	26,417	15,275	9,964	10,450	8,014	5,102
Steelton borough.....	.....	18	18	.....	4,656	4,762	.....	15,746	14,064	.....	4,990	4,098
Sunbury borough.....	39	22	21	2,469	1,457	868	4,459	1,808	2,222	.....	891	710
Uniontown borough.....	41	.....	.....	335	.....	.....	1,347	.....	.....	968	.....	.....
Warren borough.....	72	63	43	1,489	1,174	1,050	5,744	4,666	3,681	2,068	1,947	1,527
Washington borough.....	75	.....	.....	2,126	.....	.....	4,837	.....	.....	2,390	.....	.....
West Chester borough.....	35	35	33	916	849	497	2,146	2,121	869	1,479	1,047	.....
Wilkes-Barre.....	176	129	138	7,553	5,920	4,749	13,526	11,000	8,617	7,093	5,735	4,308
Wilkesburg borough.....	24	30	16	185	184	100	538	472	246	276	237	120
Williamsport.....	159	115	142	5,641	5,296	4,717	13,348	11,367	9,726	6,298	5,351	4,125
York.....	218	228	241	10,492	7,952	6,851	18,022	13,333	10,569	9,756	6,853	5,100
All other cities.....	99	.....	.....	18,283	.....	.....	103,288	.....	.....	25,328	.....	.....
RHODE ISLAND:												
Central Falls.....	43	33	36	2,475	2,443	2,372	5,471	5,091	4,511	2,090	1,761	1,745
Cranston.....	28	13	13	1,711	687	493	5,625	1,639	1,403	2,738	1,043	790
Cumberland town.....	29	19	10	5,359	4,574	1,500	9,827	5,965	1,756	5,209	2,858	1,164
East Providence town.....	26	21	15	2,041	1,381	836	7,146	5,344	5,347	2,086	1,290	1,059
Newport.....	54	46	43	726	849	881	1,379	1,347	1,575	869	791	922
Pawtucket.....	217	186	191	15,275	12,054	10,712	37,696	25,847	19,272	16,156	11,735	9,295
Providence.....	1,060	881	929	46,381	39,804	38,368	120,241	91,981	78,657	55,471	42,008	36,106
Warwick town.....	49	37	27	6,471	6,153	5,465	10,589	7,052	6,020	5,195	3,204	3,579
Woonsocket.....	130	103	104	10,703	8,872	7,591	28,218	19,361	14,745	11,456	8,682	7,376
SOUTH CAROLINA:												
Charleston.....	116	108	104	2,874	3,450	3,187	6,951	6,007	5,713	2,722	2,259	2,296
Columbia.....	55	41	41	2,522	2,393	2,091	5,872	4,677	3,134	2,294	2,035	1,286
Greenville.....	41	36	22	1,182	1,204	770	2,142	1,677	1,967	914	576	249
Spartanburg.....	36	35	28	1,773	1,650	1,361	3,276	2,127	1,591	1,191	583	685
SOUTH DAKOTA:												
Aberdeen.....	37	.....	.....	295	.....	.....	1,575	.....	.....	564	.....	.....
Sioux Falls.....	83	61	48	677	465	311	2,889	1,898	884	1,260	832	562
TENNESSEE:												
Chattanooga.....	185	177	149	6,410	6,420	4,729	16,036	14,261	10,518	7,602	6,787	4,097
Jackson.....	42	42	33	1,405	1,268	1,018	2,710	2,318	1,577	1,495	1,135	884
Knoxville.....	159	138	102	2,773	2,999	4,203	6,699	6,292	4,693	3,048	2,598	2,550
Memphis.....	329	289	223	7,927	7,374	6,626	30,242	20,043	14,233	12,391	8,704	6,354
Nashville.....	384	257	237	9,721	8,032	6,726	29,650	21,567	15,301	12,194	9,085	6,274
TEXAS:												
Austin.....	108	62	84	754	641	495	2,845	1,569	765	1,218	798	308
Beaumont.....	56	40	30	863	732	1,005	4,831	2,610	1,913	1,387	1,098	816
Brownsville.....	9	.....	.....	51	.....	.....	121	.....	.....	75	.....	.....
Cleburne.....	24	.....	.....	825	.....	.....	1,577	.....	.....	718	.....	.....
Dallas.....	305	247	177	4,882	3,445	2,842	26,959	15,628	9,488	9,993	6,421	4,090
Denison.....	29	25	29	833	725	668	1,314	1,235	840	721	644	461
El Paso.....	88	54	38	1,752	1,158	716	3,637	2,378	1,213	2,141	1,247	674
Fort Worth.....	147	102	68	2,039	1,423	943	8,661	5,668	3,488	3,395	2,479	1,341
Galveston.....	81	67	100	1,094	761	1,422	6,308	2,997	3,675	2,041	1,398	1,650
Houston.....	249	209	145	5,338	5,056	3,188	23,015	13,564	7,492	8,694	5,947	3,297
Laredo.....	23	18	14	213	515	372	221	454	331	147	258	192
Marshall.....	22	.....	.....	977	.....	.....	1,787	.....	.....	984	.....	.....
Palestine.....	20	17	19	745	544	481	1,313	735	704	691	430	355
Paris.....	45	29	27	541	210	263	1,430	855	743	568	327	282
San Angelo.....	26	.....	.....	115	.....	.....	318	.....	.....	185	.....	.....
San Antonio.....	104	141	113	3,105	2,707	2,882	13,455	7,402	5,989	6,488	3,661	3,038
Sherman.....	36	39	31	273	307	314	4,676	2,641	1,461	629	492	391
Temple.....	37	.....	.....	366	.....	.....	1,346	.....	.....	512	.....	.....
Tyler.....	23	21	16	484	368	431	996	629	682	459	318	330
Waco.....	92	76	80	1,033	947	1,004	4,769	2,980	2,294	1,804	1,201	963
UTAH:												
Ogden.....	68	63	51	1,323	1,013	678	3,713	2,507	1,242	1,648	1,109	563
Salt Lake City.....	245	192	154	4,287	2,776	2,154	13,351	7,544	4,279	6,736	4,029	2,302
VERMONT:												
Barre.....	139	105	146	2,349	2,198	1,875	3,852	3,373	2,761	2,744	2,464	1,978
Burlington.....	83	67	73	2,377	2,398	2,322	6,356	4,966	4,059	3,533	2,772	2,124
Rutland.....	62	51	61	1,636	1,803	1,496	2,680	2,523	1,959	1,473	1,361	1,124
VIRGINIA:*												
Alexandria.....	54	51	57	1,470	1,291	859	4,420	2,187	1,539	1,659	1,195	869
Danville.....	52	34	46	3,076	3,018	2,903	5,889	4,775	3,694	2,153	2,009	1,827
Lynchburg.....	82	55	61	4,026	2,534	1,487	10,188	4,965	2,994	3,720	2,092	1,469
Norfolk.....	215	121	140	4,749	2,935	2,638	10,341	5,739	4,062	1,859	2,537	2,130
Petersburg.....	72	72	79	3,837	3,283	3,408	8,846	5,891	5,092	3,137	2,607	2,178
Portsmouth.....	31	28	22	842	551	471	1,528	945	600	752	459	346
Richmond.....	350	300	276	14,849	12,444	13,715	47,358	27,745	24,669	23,106	13,982	13,184
Roanoke.....	62	54	38	3,544	3,089	2,431	7,261	5,545	5,398	3,217	2,313	1,805
Staunton.....	44	.....	.....	339	.....	.....	1,223	.....	.....	327	.....	.....

* Included in "all other cities" for 1909.

* Includes Coatesville, Duquesne, Monessen, North Braddock, Old Forge, South Sharon, and Steelton boroughs, to avoid disclosure of individual operations.

* Does not include statistics for Newport News.

CITIES OF 10,000 INHABITANTS OR OVER—NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF WAGE EARNERS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1909, 1904, AND 1899—Continued.

[See explanatory note on the first page of this table.]

CITY.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE (VALUE OF PRODUCTS LESS COST OF MATERIALS).		
	1909	1901	1899	1909	1904	1899	Expressed in thousands.					
							1909	1904	1899	1909	1904	1899
WASHINGTON:												
Aberdeen.....	43			1,509			\$3,590				\$1,418	
Bellingham.....	96	73	47	1,566	1,314	1,502	4,600	\$3,294	\$2,629	2,178	\$1,643	\$1,076
Everett.....	94			2,375			7,423			3,564		
North Yakima.....	36			602			2,175			1,225		
Seattle.....	751	467	352	11,331	6,390	4,440	50,569	25,406	15,323	21,884	11,048	6,459
Spokane.....	286	188	84	3,989	2,428	1,060	18,880	8,831	3,756	8,637	4,131	1,723
Tacoma.....	276	236	174	5,735	4,457	3,552	22,450	14,264	10,301	8,734	6,107	3,960
Walla Walla.....	48	33	34	388	242	213	2,317	1,486	964	852	557	343
WEST VIRGINIA:												
Hinton.....	15			670			1,465			576		
Charleston.....	63	54	48	951	887	686	3,235	2,101	1,262	1,098	1,103	603
Huntington.....	67	44	29	3,156	2,229	1,717	6,511	4,407	3,642	3,129	1,731	1,144
Martinsburg.....	39			1,420			2,516			1,239		
Parkersburg.....	75	68	72	1,435	1,444	1,237	5,489	3,778	3,101	1,939	1,290	1,215
Wheeling.....	176	195	178	7,809	7,127	6,190	27,077	21,797	15,074	11,052	9,308	6,668
WISCONSIN:												
Appleton.....	97	108	88	2,125	2,486	1,561	6,734	6,673	3,861	2,477	2,647	1,504
Ashland.....	38	37	41	1,116	1,361	1,812	2,748	4,210	3,600	1,262	2,018	2,084
Beloit.....	51	44	43	2,986	2,471	1,845	5,886	4,385	2,800	3,447	2,650	1,462
Eau Claire.....	75	73	64	2,524	1,985	1,758	5,855	3,602	3,876	2,881	1,808	1,764
Fond du Lac.....	97	83	74	2,707	2,566	1,630	8,227	5,000	2,861	3,153	2,289	1,226
Green Bay.....	102	103	79	2,579	2,111	1,427	6,235	4,873	2,769	2,342	2,177	1,346
Janesville.....	78	73	72	1,451	1,348	1,398	5,156	3,846	3,184	2,279	1,790	1,415
Kenosha.....	82	45	38	6,449	4,354	3,090	23,182	12,363	7,334	8,409	4,971	2,311
La Crosse.....	151	150	131	3,329	2,644	2,703	14,103	8,139	7,677	6,308	3,414	3,032
Madison.....	116	84	69	1,792	1,476	1,365	5,467	3,291	2,689	3,130	1,998	1,551
Manitowoc.....	80	76	62	1,525	1,321	975	5,939	4,428	1,935	1,976	1,488	1,099
Marquette.....	43	37	45	1,491	1,645	2,485	3,309	3,633	4,411	1,606	2,052	2,697
Milwaukee.....	1,764	1,527	1,419	59,502	43,366	41,220	208,324	137,968	110,854	87,703	66,892	51,160
Oshkosh.....	159	134	129	5,775	4,840	4,226	14,739	8,652	8,081	7,658	4,220	3,799
Racine.....	142	148	135	8,281	6,504	6,138	24,673	16,459	11,676	13,161	9,316	5,750
Sheboygan.....	109	96	80	5,388	5,903	4,992	11,299	9,751	6,907	5,210	4,198	3,195
Superior.....	99	72	75	1,847	1,343	1,765	6,574	6,357	6,836	2,302	1,709	1,810
Wausau.....	67	58	56	2,092	1,945	1,716	6,287	4,645	3,381	2,962	2,096	1,473
WYOMING:												
Cheyenne.....	22	18	17	833	552	423	1,577	925	722	970	617	433
All other cities ¹	142	54	71	16,331	8,401	6,892	82,537	22,346	15,272	22,218	11,389	6,666

¹ Includes Gary, Ind., Great Falls, Mont., Lackawanna, N. Y., Lakewood, Ohio, and Newport News, Va., in 1909, and Great Falls, Mont., and Newport News, Va. in 1904 and 1899.

MINES AND QUARRIES



CHAPTER 16.—STATISTICS OF MINES AND QUARRIES FOR INDUSTRIES AND STATES.

STATISTICS OF MINES AND QUARRIES FOR INDUSTRIES AND STATES.

Introduction.—This chapter contains a summary of the statistics of mining for the United States for the calendar year 1909, as shown by the Thirteenth Census.

The statistics relate both to mines in the narrower sense and to quarries and petroleum and gas wells, but for brevity all these enterprises are often called "mines," using the term in its broad sense.

The principal statistics of mining industries derived from the census inquiry are given in a series of general tables at the end of the chapter. Table 25 gives a comparative summary of the results of the inquiries of 1909 and 1902, comparing for each geographic division and state the expenses of operation and development, the primary power, and the value of products. Table 26 gives a similar comparative summary for each industry. Table 27 gives for the several geographic divisions and for each state the number of operators; the number of mines, quarries, or wells; capital; expenses of operation and development; number of persons engaged in the industry; acreage of land controlled; primary power; and value of products. Table 28 gives similar information for each industry. Table 29 gives information similar to that contained in Table 28 for nonproducing mines, quarries, and wells, in which operations are as yet confined to development work.

The explanatory text deals almost exclusively with the producing mines, quarries, and wells, and gives for all mining industries combined and for a number of the more important industries separately further statistics amplifying the figures given in the general tables, together with averages, percentages, etc., derived from the figures in those tables.

In order to avoid any misapprehension as to the significance of the statistics here published, it seems advisable to offer a few brief explanations of the terms used in the census of mining industries.

Scope of census.—The Thirteenth Census covered all classes of mines and quarries that were in operation during any portion of the year 1909, both those which were producing and those whose operations were confined to development work, and petroleum and gas wells that were in operation at the end of that year. Mines, quarries, or wells that were idle during the entire year 1909 were omitted from the canvass. The following operations were likewise omitted from the canvass: Prospecting; the digging or dredging of sand and gravel for the construction of roads and for building operations; the production of mineral waters; and the operation of small bituminous coal banks producing less than 1,000 tons annually. Where the mineral products are not marketed in their

crude condition, but are dressed or washed at the mine or quarry, the statistics of mining cover the entire work of obtaining the crude material and its preparation for the market.

Period covered.—The returns cover the calendar year 1909, or the business year which corresponds most nearly to that calendar year. The statistics cover a year's operations, except for enterprises which began or discontinued business during the year.

Number of operators.—As a rule, the unit of enumeration was the "operator." Every individual, firm, or corporation was required to furnish one report for all mines, quarries, or wells which were operated under the same management, or for which one set of books of account was kept. Where several mines, quarries, or wells managed separately were owned by the same operator, it was optional with the operator to furnish one report for all his operations, or a separate report for each of his properties. Separate reports were obtained for all properties operated in different states, even where they were owned by the same operator. Likewise, where the operations of one individual, firm, or corporation covered more than one class of mines and quarries, such as coal, iron, limestone, etc., a separate report was received for each industry. The total number of operators, accordingly, as shown by the original returns, included a small amount of duplication. As far as practicable, all duplications of this character within the same industry were eliminated by the consolidation of the reports for the same operator. All such duplications have been eliminated for the coal, petroleum and natural gas, iron, and copper industries.

Number of mines, quarries, and wells.—This figure represents the total number of mines and quarries in operation or in the course of development at any time during the calendar year 1909, or the business year that corresponds most nearly to that calendar year, and the number of completed petroleum and natural gas wells in operation on December 31, 1909.

In most mining and quarrying industries the number of mines or quarries varies but little from the number of operators, the principal variations being found in the mining of anthracite coal, iron, and copper, with an average of more than two mines per operator; in the mining of tungsten, with an average of more than five mines per operator; and in the quarrying of gypsum, with an average of nearly three quarries per operator. In the production of petroleum and natural gas there was an average of more than twenty wells to one operator.

Expenses of operation and development.—A certain amount of development work is incident to the operation of every mine. The expenses reported for producing mines include the cost both of operation and of development work which was done in connection with operation.

Wages.—The amount shown as wages includes only the compensation of regular wage earners hired by the day, week, or month, or under the piecework system. There is a class of miners variously known under the local names of "leasers," "block lessees," etc., who are compensated by a share of the product. The compensation of such miners is included under the payments for "Contract work" in the general tables.

Supplies and materials.—This item includes the cost of lumber and timber used for repairs, mine supports, track ties, etc.; iron and steel for blacksmithing; rails, frogs, sleepers, etc., for tracks;

renewals of tools and machinery and materials for repairs; and supplies, explosives, oil, etc., as well as the cost of fuel and the rent of power. The schedule called only for the cost of such supplies and materials as had been used during the year covered by the report. Accurate figures, however, could be furnished only in those cases where the operators kept an account of supplies and materials used, or had an inventory made of all in stock at the beginning and at the end of the year. Such a system of accounting is far from general among mine operators, and there is reason to believe that in many cases the reported cost of supplies and materials covered all purchased during the year rather than those used during the year. The crude product of some operators was purchased by others for further dressing or refining; the cost of such materials is shown in a separate column in the general tables for producing mines, but in all other tables it is included in the general item of cost of supplies and materials.

Miscellaneous expenses.—In the general tables royalties and the rent of mines, taxes, and the amounts paid for contract work are shown in separate columns. All other expenses not enumerated separately are combined under the head of "Rent of offices and other sundry expenses," which includes rent of offices and buildings other than those at the mine, quarry, or well, use of patents, insurance, ordinary repairs of buildings and machinery (not including materials thereof where carried in separate accounts), advertising, damages, traveling expenses, and all other sundry expenses.

Value of products.—Statistics of the value of each mineral product were obtained by the Bureau of the Census in cooperation with the United States Geological Survey, but the two bureaus follow different methods in presenting these statistics. The Geological Survey shows separately the value of each mineral product, whereas the Bureau of the Census presents the value of products of each mining industry. The value of products given for each mining industry often includes the value of some products not covered by the industry designation. The crude product of metalliferous mines may include varying combinations of metals, such as gold, silver, copper, lead, zinc, and iron. Similarly, the total value of all products of the granite quarries is not identical with the value of the total output of granite, but may include the value of some marble or other stone quarried in connection with the principal product.

The value of products for 1909 in most cases represents the value of the products marketed during that year, not the value of those mined during that year. In this respect the data differ from those usually obtained for manufacturing establishments. In order to ascertain the value of the products mined during the year 1909, account would have had to be taken of the inventories at the beginning and at the close of the year. In many mining industries, however, no such inventories are made, by reason of the purely speculative value of the crude product lying on the dump.

Another element of inaccuracy inherent in the statistics as to the value of products is due to the combination of mining with manufacturing. Most of the product of iron mines is not sold, but is used in blast furnaces operated by the owners of the mines. A large proportion of the output of coal is likewise used in iron and steel works operated by the owners of the coal mines, while a considerable proportion also is controlled by railway companies and other industrial concerns which own the coal mines, either directly, or indirectly through subsidiary companies. In such cases the reported value of

the mining product is often a mere item of bookkeeping which may or may not reflect the actual market value of the product.

The total value of products for some industries includes a certain amount of duplication, due to the fact that the crude product of some operators was used as material by others whose mines or quarries were equipped with dressing or refining plants; the total value of products for the industry, accordingly, includes both the crude product and the refined product made from it. In order to eliminate this duplication and to obtain the approximate value of products for each industry, the cost of such materials, which is shown in a separate column in the general tables for producing mines, should be subtracted from the total value of products for the industry. There is, however, a certain degree of inaccuracy involved in such a computation, because the purchaser of the crude product usually figures freight as a part of the cost of his materials, whereas the value reported by the producer represents the selling value at the mine.

Cost of production and profits.—It can be seen from the preceding explanations that the difference between the reported value of products and the total expenses reported does not accurately represent profits. As already stated the product reported usually represents that sold rather than the actual output in producing which the expenses were incurred. Furthermore, the census inquiries did not call for depreciation, which is a particularly important element in mining because of the exhaustion of the mine. Few mining concerns keep a separate account for depreciation. Moreover, the heterogeneous character of the returns regarding capital precludes the computation, from census statistics, of the rate of return on the investment.

Capital.—The census schedule required every operator to state the total amount of capital invested in the enterprise on the last day of the business year reported, as shown by his books. There is, however, a great diversity in the methods of bookkeeping in use by different operators. As a result, the statistics for capital lack uniformity. Some of the reported figures apparently represent capital stock at face value; others include large investments in mineral lands which are not at present being actively mined, but are held in reserve; still others may include expenditures for unproductive mining ventures in no way related to the operations carried on during the census year.

Persons engaged in mining industries.—The statistics of the number of proprietors and officials, clerks, and wage earners, are based on the returns for December 15, or the nearest representative day. The reported number of wage earners includes overseers and foremen performing work similar to that of the men over whom they have charge; those whose duties are wholly supervisory are classed as superintendents and managers. Because of the very common practice of shutting down mines at frequent intervals, it is impossible to ascertain with any satisfactory degree of accuracy the average number of employees—that is, the number who, if continuously employed, would be required to produce the actual output of the year.

Primary horsepower.—This item represents the total primary power generated by the mining enterprises plus the amount of power, principally electric, rented by them from other concerns. It does not cover the horsepower of electric motors operated by current generated by the enterprises themselves, the inclusion of which would evidently result in duplication.

GENERAL SUMMARY.

Continental United States and noncontiguous territory: 1909.—Table 1 gives for 1909 the principal statistics collected by the Bureau of the Census for all mines and quarries and petroleum and gas wells within the area of enumeration. In addition to

continental United States this area included in 1909 Alaska, Hawaii, and Porto Rico. The figures here given include nonproducing as well as producing mines and constitute the most general summary of the results of the investigation.

Table 1	NUMBER OR AMOUNT: 1909				
	Total.	Continental United States.	Alaska.	Hawaii.	Porto Rico.
Number of operators.....	24,355	23,664	673	4	14
Number of mines and quarries.....	27,260	27,240		6	14
Number of petroleum and gas wells.....	166,448	166,448			
Persons engaged in mining industries, Dec. 15, 1909.....	1,175,188	1,166,948	8,025	45	170
Proprietors and firm members, total.....	35,208	33,691	1,501	2	14
Number performing manual labor in connection with mines, quarries, and wells.....	10,740	10,299	441		
Salaried employees.....	46,694	46,475	219		
Wage earners.....	1,093,286	1,086,782	6,305	43	156
Primary horsepower.....	4,722,479	4,699,910	22,347	197	25
Capital.....	\$3,710,356,533	\$3,662,527,064	\$47,749,164	\$45,700	\$34,605
Expenses of operation and development.....	1,087,437,081	1,074,191,429	13,220,200	19,760	5,692
Services.....	662,422,226	655,584,467	6,819,850	14,058	3,851
Salaries.....	56,286,988	55,878,478	408,510		
Wages.....	606,135,238	599,705,989	6,411,340	14,058	3,851
Supplies and materials.....	263,019,615	260,110,898	2,902,956	5,371	390
Royalties and rent of mines.....	65,683,384	64,154,926	1,527,995	206	257
Contract work.....	32,335,580	30,690,458	1,645,063		59
Miscellaneous.....	63,976,276	63,650,680	324,336	125	1,135
Value of products.....	1,255,370,163	1,238,410,322	16,933,427	20,955	5,459

Of the total number of persons engaged in mining industries in the area covered by the preceding table, only a little more than one-half of 1 per cent were in Alaska, while the mining operations in Hawaii and Porto Rico were insignificant.

Owing to the fact that a certain number of mines in continental United States and Alaska were engaged in development work only, during the census year, the figure for value of products in 1909, \$1,255,370,163, relates to a smaller number of enterprises than the figures for persons engaged in the industries, expenses, etc. Of the total, representing the value of the products of all mines in the entire area covered by the canvass, Alaska contributed \$16,933,427, or 1.3 per cent, while Hawaii contributed only \$20,955 and Porto Rico \$5,459. A rough but somewhat convenient measure of the relative importance of mining operations in the areas concerned is found in the per capita production (that is, value of products divided by total population), which was \$13.46 for continental United States, \$263.12 for Alaska, \$0.11 for Hawaii, and less than 1 cent for Porto Rico.

The further discussion of mining operations in this chapter is confined to the data reported for continental United States (referred to simply as the United States).

Producing and nonproducing mines.—In some aspects of the statistics of mining industries the distinction between producing and nonproducing mines is

important. So far as it is possible to bring the figures in regard to production into relation with the various factors of operation, particularly the number of employees and the expenses of operation, it is necessary to confine comparisons to the producing mines. Table 2 gives comparative figures for producing and nonproducing mines in the United States.

Table 2	All enterprises.	Producing enterprises.	NONPRODUCING ENTERPRISES.	
			Number or amount.	Per cent of total.
Number of operators.....	23,664	19,913	3,749	15.8
Number of mines and quarries.....	27,240	18,164	9,076	33.3
Number of wells.....	166,448	166,320	128	(1)
Persons engaged in mining industry.....	1,166,948	1,139,332	27,616	2.4
Proprietors and firm members, total.....	33,691	29,922	3,769	11.2
Number performing manual labor.....	9,937	8,861	1,076	10.8
Salaried employees.....	46,475	44,127	2,348	5.1
Wage earners.....	1,086,782	1,065,283	21,499	2.0
Primary horsepower.....	4,699,910	4,608,233	91,677	2.0
Capital.....	\$3,662,527,064	\$3,380,523,841	\$282,003,223	7.7
Expenses of operation and development.....	1,074,191,429	1,042,642,693	31,548,736	2.9
Services.....	655,584,467	640,167,630	15,416,837	2.4
Salaries.....	55,878,478	53,393,351	2,485,127	4.4
Wages.....	599,705,989	586,774,079	12,931,910	2.2
Supplies and materials.....	260,110,898	247,866,304	12,244,594	4.7
Royalties and rent of mines.....	64,154,926	63,973,585	181,341	0.3
Contract work.....	30,690,458	28,887,898	1,802,560	5.9
Miscellaneous.....	63,650,680	61,747,276	1,903,404	3.0
Value of products.....	1,238,410,322	1,238,410,322		

¹ Less than one-tenth of 1 per cent.

Perhaps the most satisfactory index of the relative importance of the two classes of mines shown in the preceding table is the number of wage earners and the amount of primary power, the figures for nonproducing mines representing exactly 2 per cent of the total in each instance. The average number of wage earners per operator for the nonproducing mines is 6 and for the producing mines 53.

Additional details in regard to nonproducing mines are given in Table 29 (p. 564), which presents separate figures for most of the different mining industries. The further discussion in this chapter of the statistics for 1909 will deal primarily with the producing mines,

with only incidental reference to the nonproducing enterprises.

There were in all mining industries in the United States in 1909, as shown by the previous table, 19,915 operators of producing mines, who employed 1,065,283 wage earners and reported products valued at \$1,238,410,322.

Geographic distribution of producing enterprises.—The distribution of the mining industries by geographic divisions and states is shown in Table 3, which gives the number of wage earners employed and the value of products for each division and state, with the percentage which such number or value forms of the total.

Table 3 PRODUCING ENTERPRISES: 1909

DIVISION AND STATE.	Number of operators.	Number of mines and quarries.	Wage earners (Dec. 15, or nearest representative day).		Value of products.		
			Number.	Per cent of total.	Amount.	Per cent of total.	
United States.....	19,915	18,164	166,320	1,065,283	100.0	\$1,238,410,322	100.0
GEOGRAPHIC DIVS.:							
New England.....	510	580	18,254	1.7	17,327,243	1.4	
Middle Atlantic.....	6,333	3,903	71,122	402,937	37.8	370,742,265	30.0
East North Central.....	4,152	2,662	56,379	213,600	20.1	237,534,170	19.2
West North Central.....	2,300	2,603	3,450	88,458	8.3	130,252,538	10.5
South Atlantic.....	1,358	1,632	15,146	118,006	11.1	105,714,462	8.5
East South Central.....	830	1,108	1,110	70,856	6.7	49,145,280	3.9
West South Central.....	1,229	452	14,706	28,252	2.7	47,530,937	3.8
Mountain.....	1,972	3,728	97	93,072	8.7	205,053,900	16.6
Pacific.....	1,538	1,610	4,316	31,788	3.0	75,111,522	6.1
NEW ENGLAND:							
Maine.....	97	102	2,471	0.2	2,056,063	0.2	
New Hampshire.....	45	53	1,523	0.1	1,308,597	0.1	
Vermont.....	137	182	8,388	0.8	8,221,920	0.7	
Massachusetts.....	139	147	3,508	0.3	3,407,888	0.3	
Rhode Island.....	21	27	677	0.1	897,606	0.1	
Connecticut.....	71	75	1,690	0.2	1,375,765	0.1	
MIDDLE ATLANTIC:							
New York.....	1,351	752	11,342	11,303	1.1	13,334,975	1.1
New Jersey.....	131	151	6,801	0.6	8,347,501	0.7	
Pennsylvania.....	4,851	3,000	59,780	384,833	36.1	349,059,786	28.2
E. NORTH CENTRAL:							
Ohio.....	1,876	964	35,067	57,185	5.4	63,707,112	5.1
Indiana.....	1,010	480	10,373	27,559	2.6	21,934,201	1.8
Illinois.....	915	759	10,373	82,436	7.7	76,635,974	6.2
Michigan.....	830	123	21	40,397	3.8	67,714,379	5.5
Wisconsin.....	268	286	6,083	0.6	7,459,404	0.6	
W. NORTH CENTRAL:							
Minnesota.....	153	250	18,114	1.7	58,064,552	4.7	
Iowa.....	373	431	19,010	1.8	31,377,781	2.5	
Missouri.....	1,021	1,224	39	29,676	2.8	31,667,525	2.5
North Dakota.....	53	53	6	840	0.1	564,812	0.1
South Dakota.....	39	43	3	3,804	0.4	6,432,417	0.5

¹ Less than one-tenth of 1 per cent.

Whether the importance of the mining industry be measured by the value of its products or by the number of wage earners employed, the Middle Atlantic division easily ranks first among the several geographic divisions, the value of its mineral products in 1909 amounting to \$371,000,000, or 30 per cent of the total for the United States. Next in order was the East North Central division, with products valued at \$238,000,000, or about one-fifth of the total. The mineral products of these two divisions consist largely of coal. Other divisions with a considerable mineral production are the Mountain, West North Central, and South Atlantic.

The prominence of the Middle Atlantic division in mineral production is due almost wholly to the state of Pennsylvania, which, with products (mainly coal) valued at nearly \$350,000,000 in 1909, reported more than one-fourth of the value of all mineral products in

PRODUCING ENTERPRISES: 1909

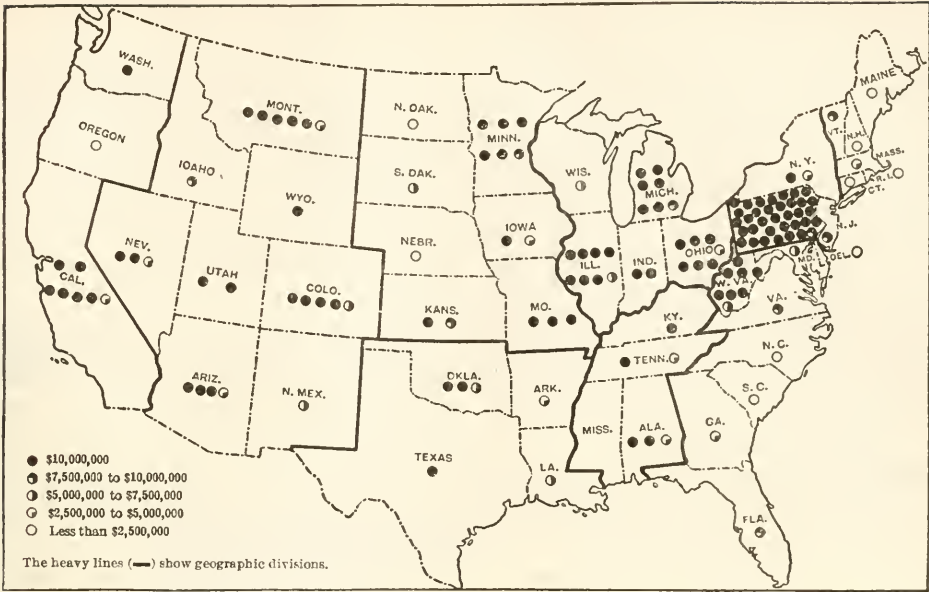
DIVISION AND STATE.	Number of operators.	Number of mines and quarries.	Wage earners (Dec. 15, or nearest representative day).		Value of products		
			Number.	Per cent of total.	Amount.	Per cent of total.	
W. NORTH CENTRAL—Continued.							
Nebraska.....	18	20	491	(1) ¹		\$322,517	(1)
Kansas.....	643	582	3,402	16,441	1.5	18,722,634	1.5
SOUTH ATLANTIC:							
Delaware.....	9	9	628	(1)		516,213	(1)
Maryland.....	126	173	7,745	0.7		5,782,045	0.5
Virginia.....	150	244	16,893	1.6		8,795,646	0.7
West Virginia.....	738	718	15,146	78,404	7.4	76,287,880	6.2
North Carolina.....	118	130	2,825	0.3		1,358,617	0.1
South Carolina.....	29	32	2,014	0.2		1,252,792	0.1
Georgia.....	92	109	4,014	0.4		2,874,595	0.2
Florida.....	36	96	5,483	0.5		8,846,665	0.7
E. SOUTH CENTRAL:							
Kentucky.....	437	442	1,109	22,033	2.1	12,100,075	0.9
Tennessee.....	216	365	1	18,028	1.7	12,692,547	1.0
Alabama.....	177	302	30,795 </td <td>2.9</td> <td></td> <td>24,550,667</td> <td>2.0</td>	2.9		24,550,667	2.0
W. SOUTH CENTRAL:							
Arkansas.....	96	146	62	6,422	0.6	4,603,845	0.3
Louisiana.....	53	2	246	953	0.1	6,547,050	0.5
Oklahoma.....	864	219	12,113	13,920	1.3	25,637,862	2.1
Texas.....	236	92	2,279	6,957	0.6	10,742,150	0.9
MOUNTAIN:							
Montana.....	373	543	20,308	1.9		54,991,961	4.4
Idaho.....	174	370	3,592	0.3		8,649,342	0.7
Wyoming.....	66	95	21	8,499	0.8	10,572,188	0.9
Colorado.....	672	1,575	76	24,769	2.4	45,680,135	3.7
New Mexico.....	98	285	5,682	0.5		5,587,744	0.4
Arizona.....	356	251	15,433	1.3		34,217,651	2.8
Utah.....	188	235	11,064	1.0		22,063,282	1.8
Nevada.....	266	374	5,572	0.5		32,271,597	1.9
PACIFIC:							
Washington.....	90	170	7,343	0.7		10,537,556	0.9
Oregon.....	116	161	1,087	0.1		1,191,512	0.1
California.....	1,329	1,279	4,316	23,358	2.2	63,382,454	5.1

² No mineral production in District of Columbia or Mississippi.

the United States. No other state approaches it in importance. Illinois and West Virginia, which rank next in importance, each had products valued at a little more than \$76,000,000, or less than one-fourth the value shown for Pennsylvania. Other states where the value of mineral products exceeded \$50,000,000 are Michigan, Ohio, California, Minnesota, and Montana. The eight states named reported in 1909, 65.4 per cent of the value of all mineral products for the United States.

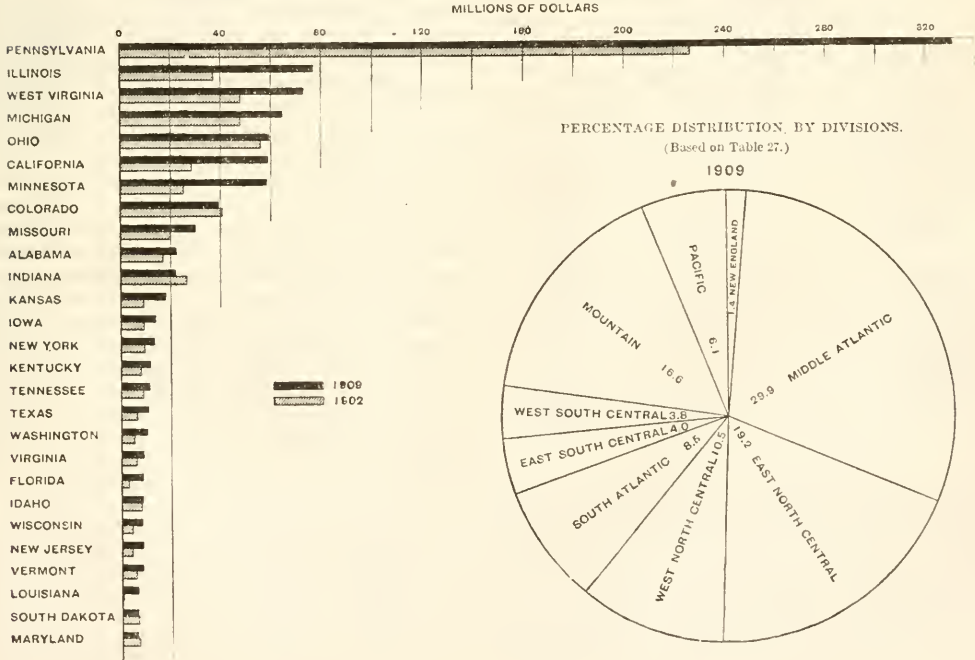
There are several states in which the mineral production is quite insignificant. In the District of Columbia and Mississippi no mineral production was reported. Rhode Island, North Dakota, Nebraska, and Delaware each contributed less than one-tenth of 1 per cent of the whole value of mineral products, while the contribution of Maine, New Hampshire, Massachusetts, Connecticut, North Carolina, South

VALUE OF PRODUCTS, MINING INDUSTRIES: 1909.



VALUE OF PRODUCTS, MINING INDUSTRIES, BY STATES: 1902 AND 1909.

(Based on Table 25.)



Carolina, Georgia, Arkansas, New Mexico, and Oregon was less than one-half of 1 per cent in each case.

The distribution of the wage earners employed in producing mines among the divisions and states follows approximately the distribution of the total value of products. Where coal is the chief mineral product, however, the number of wage earners is relatively greater than elsewhere. The Middle Atlantic division reported a considerably greater percentage of all wage earners in the producing mines of the country than of the total value of mineral products. In less marked degree the same statement holds true of the East South Central, South Atlantic, East North Central, and New England divisions, while each of the remaining divisions reported a larger percentage of the total value of products than of the total number of wage earners. Pennsylvania employed 36.1 per cent of all the wage earners, Illinois 7.7 per cent, and West Virginia 7.4 per cent, these three leading coal states together reporting more than one-half of all the wage earners employed in mining industries.

Principal mining industries.—Table 4 shows the relative importance of the principal mining industries in 1909.

INDUSTRY.	PRODUCING ENTERPRISES: 1909				
	Number of operators.	Wage earners (Dec. 15, or nearest representative day).		Value of products.	
		Number.	Per cent of total.	Amount.	Per cent of total.
All industries.....	19,915	1,065,283	100.0	\$1,238,410,322	100.0
Coal.....	3,695	743,293	69.8	577,142,935	46.6
Anthracite.....	192	173,504	16.3	149,180,471	12.0
Bituminous.....	3,503	569,789	53.5	427,962,464	34.6
Petroleum and natural gas.....	7,793	39,831	3.7	185,416,684	15.0
Metals:					
Copper.....	161	53,143	5.0	134,616,987	10.9
Iron.....	176	52,230	4.9	109,947,082	8.6
Precious metals.....	2,282	37,815	3.6	94,123,180	7.6
Deep mines.....	1,694	33,616	3.2	83,885,928	6.8
Fluor. mines.....	678	4,189	0.4	10,237,252	0.8
Lead and zinc.....	977	21,603	2.0	31,363,094	2.5
Structural materials:					
Limestone.....	3,988	92,350	8.7	75,992,908	6.1
Granite.....	1,665	37,695	3.5	23,832,492	2.4
Sandstone.....	707	20,561	1.9	18,997,976	1.5
Marble.....	595	9,908	0.9	7,702,423	0.6
Slate.....	77	6,313	0.6	6,239,120	0.5
Traprock.....	183	9,438	0.9	6,054,174	0.5
Bluestone.....	196	6,260	0.6	5,578,317	0.5
Miscellaneous:	563	2,175	0.2	1,588,406	0.1
Phosphate rock.....	51	8,196	0.8	10,781,192	0.9
Gypsum.....	78	3,778	0.4	5,812,810	0.5
Sulphur.....	4	408	(4)	4,432,066	0.4
Clay.....	261	3,871	0.4	2,945,948	0.2
All other.....	449	8,775	0.8	8,835,436	0.7

¹ Less than one-tenth of 1 per cent.

The foregoing table presents statistics for 9 industries which in 1909 had products exceeding \$10,000,000 in value. These 9 industries employed 95.2 per cent of all the wage earners engaged in producing enterprises and contributed 96 per cent of the total value of the products of mining industries. Statistics are also given in the table for 8 other mining industries having products between \$1,500,000 and \$10,000,000 in value. The 17 industries shown separately in the table employed over 99 per cent of the wage earners

engaged in productive enterprises and contributed more than 99 per cent of the total value of products of mining industries.

Coal mining far outranks any other industry in importance. In 1909 it furnished occupation to more than two-thirds of all the wage earners employed by producing mines, quarries, and wells, and contributed only a little less than one-half of the total value of products reported. Of the total value of coal produced, the anthracite mines furnished approximately one-fourth and the bituminous mines three-fourths. Another fuel industry—the production of petroleum and natural gas—ranks second in importance in value of products, but employs comparatively few wage earners.

Of the metals, copper and iron outrank the precious metals both in the value of the product mined and in the number of wage earners, but lead and zinc fall considerably below the precious metals in both respects.

General comparison for the United States: 1902–1909.—Table 5 on the next page gives statistics regarding expenses, value of products, and mechanical power for producing mines, quarries, and petroleum and gas wells in the United States for 1909 and 1902, together with the percentages of increase.

The figures in this table for 1909 vary slightly from those shown in preceding tables by reason of the differences between the present census and that of 1902 in the classification of mining industries. There are many industries on the border line between mining and manufacturing. Certain mechanical and chemical processes required for the preparation of the mineral for the market after its extraction from the ground may be performed either at the mine or at the factory where the mineral is used as material. The practices in this respect vary from industry to industry and from period to period.

At the Thirteenth Census the production of cement was classified as a manufacturing industry. The burning of lime was likewise classified as a manufacturing industry, and where the lime was burned at the limestone quarry the quarrying was regarded as a subordinate part of the manufacturing operations. At the special census of mines and quarries in 1902, however, the cement industry was included, and the burning of lime was treated as a part of the operations of the limestone quarries. In order to make the statistics for the two censuses comparable, the figures given in Table 5 include for 1909 those for the burning of lime, elsewhere treated as a manufacturing industry, and exclude for 1902 those relating to the production of cement.

On the other hand, the special census of 1902 did not include the conversion of coal into coke at the coal mines. In the Thirteenth Census reports the coke industry is treated both in the report on manufactures and in that on mines. Where coal was turned into coke at the mines, estimates were obtained for the coke-manufacturing operations and included in the statistics of manufactures. At the same time, since the

mining of the coal and its conversion at the mines into coke form, in fact, integral parts of one industrial operation, the complete report for both processes is included in the statistics for bituminous coal mines. In order, however, to make the statistics for 1909 comparable with those for 1902, all statistics relating to coke have been eliminated from the table which follows.

By reason of these adjustments the figures here printed do not correspond either to those given in the report for 1902 or to those printed elsewhere for 1909.

Table 5

	NUMBER OR AMOUNT.		Per cent of increase.
	1909	1902	
Expenses of operation and development:			
Services.....	\$625,610,068	\$491,225,547	55.9
Supplies and materials.....	208,771,046	114,518,832	82.3
Royalties and rent of mines.....	62,456,769	34,476,227	81.2
Contract work.....	24,091,986	20,638,127	16.7
Value of products.....	1,175,475,001	771,486,926	52.4
Primary horsepower.....	4,556,170	2,663,964	71.0

The item "taxes, rent of offices, and other sundry expenses," which is included with the expenses of operation and development in the tables giving statistics for 1909 only, is not shown in this table for the reason that at the special census of mines and quarries in 1902 the corresponding item of expenses included interest, which was excluded at the Thirteenth Census. In 1902 the item of interest on bonds amounted to more than \$13,000,000. The amount of interest paid on other loans was not reported separately. The aggregate expenses shown in the preceding table represent 96.3 per cent of the total expenses reported for 1902 exclusive of interest on bonds, while the aggregate for 1909 represents 90.6 per cent of the total expenses for that year.

In 1902 the products of mining industries were valued at \$771,486,926, but in 1909 the value was reported as \$1,175,475,001, an increase of 52.4 per cent in the seven years.

VALUE OF PRODUCTS, MINING INDUSTRIES: 1902 AND 1909.

(Based on Table 26.)

MILLIONS OF DOLLARS



Table 26, page 559, gives comparative statistics in detail for the years 1909 and 1902, by industries. Table 6, which is based on this table, gives for the leading mining industries the value of products in 1909 and 1902, with the percentage of increase.

Table 6

INDUSTRY.	VALUE OF PRODUCTS.		Per cent of increase.
	1909	1902	
All industries.....	\$1,175,475,001	\$771,486,926	52.4
Coal.....	550,513,866	306,642,015	50.2
Anthracite.....	149,180,471	75,473,586	95.8
Bituminous.....	401,333,395	290,468,429	38.2
Petroleum and natural gas.....	175,527,807	102,034,590	72.0
Copper.....	99,493,799	51,178,036	94.4
Iron.....	106,947,082	63,460,985	63.4
Precious metals.....	87,671,553	82,482,052	6.3
Deep mines.....	77,434,301	77,154,326	0.4
Placer mines.....	10,257,252	5,327,726	92.2
Lead and zinc.....	28,568,547	14,600,177	95.7
Limestone.....	47,784,479	30,278,877	57.8
Granite and traprock.....	24,576,293	18,042,943	36.2
Phosphate rock.....	10,751,192	4,922,943	119.0

This table shows that the greatest relative increase in the seven-year period was in the phosphate rock industry. The smallest relative increase (6.3 per cent) was in the mining of precious metals, the deep mines showing an increase in value of products amounting to only 0.4 per cent, although the less important placer mines show an increase of 92.2 per cent. Large increases are shown for the mining of copper and of lead and zinc. There was also a large increase in the case of anthracite coal, but on account of the coal strike in 1902 the figures for that year do not represent normal conditions. The percentage of increase in the bituminous coal-mining industry falls considerably below the average for all mining industries in the period under consideration. To some extent this is due to a decline in the average price of bituminous coal, for the tonnage produced increased more than 45 per cent.

Table 25, page 557, gives comparative statistics in detail for the years 1909 and 1902, by states. The following table presents certain figures for those states which show a relative increase in the value of products above the average for the United States:

STATE.	VALUE OF PRODUCTS.		Per cent of increase.
	1909	1902	
Louisiana.....	\$6,539,850	\$279,327	2,241.3
Florida.....	8,915,181	2,943,806	202.8
Minnesota.....	8,975,781	25,620,677	130.2
Nebraska.....	322,517	148,391	117.3
New Jersey.....	8,548,858	4,042,047	111.5
Illinois.....	77,214,345	37,377,226	106.6
California.....	59,012,946	28,611,307	106.3
Wisconsin.....	8,375,402	4,257,685	101.4
Washington.....	10,886,503	5,393,659	100.7
Kansas.....	18,386,812	9,526,060	93.0
North Dakota.....	564,812	325,967	73.3
Arkansas.....	4,764,784	2,840,341	67.8
Texas.....	11,065,588	6,737,696	64.7

Corresponding figures for those states in which the value of products showed an actual decrease from 1902 to 1909 are given in Table 8.

STATE.	VALUE OF PRODUCTS.		Per cent of decrease.
	1909	1902	
Colorado.....	\$39,397,859	\$40,508,286	2.7
Massachusetts.....	4,332,218	4,499,401	3.7
South Dakota.....	6,415,788	6,697,797	4.2
Georgia.....	2,924,741	3,680,287	5.0
Maine.....	3,270,766	3,656,134	10.6
Maryland.....	6,164,122	7,162,113	13.9
Indiana.....	22,324,647	26,896,393	17.0
Oregon.....	1,237,292	2,087,389	40.7

Colorado and Indiana are the only important mining states that show a decrease in mining activity. This decline in Colorado is manifested not only in the value of products, but also in the amount expended for salaries and wages, which decreased 7.2 per cent, and for royalties, which shows a decrease of 4.4 per cent.

Geographic distribution of the principal industries: 1909.—Table 9 gives statistics, by leading states, for each of the nine leading mineral industries. A graphic presentation of the same facts is made in the following diagram:

VALUE OF PRODUCTS, LEADING INDUSTRIES, BY STATES: 1909.

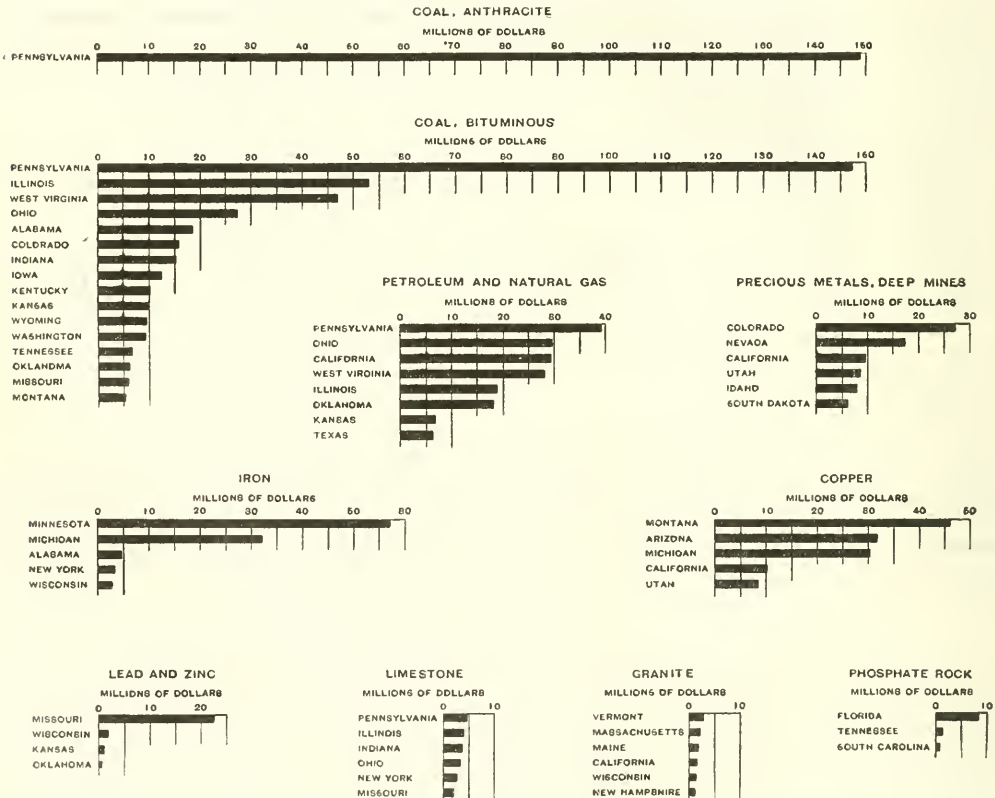


Table 9

INDUSTRY AND STATE.	Number of operators.	WAGE EARNERS (DEC. 15, OR NEAREST REPRESENTATIVE DAY).		VALUE OF PRODUCTS.	
		Number.	Per cent of total.	Amount.	Per cent of total.
Coal, anthracite	182	173,504	100.0	\$149,180,471	100.0
Pennsylvania	189	173,263	99.9	148,957,894	99.9
Coal, bituminous	3,503	569,789	100.0	427,862,464	100.0
Pennsylvania	689	184,408	32.4	147,466,417	34.5
Illinois	470	74,445	13.1	53,036,545	12.4
West Virginia	307	69,666	12.2	46,922,592	11.0
Ohio	441	44,405	7.8	27,353,663	6.4
Alabama	112	23,479	4.1	18,459,433	4.3
Colorado	86	15,461	2.7	16,782,197	3.7
Indiana	223	22,357	3.9	15,018,123	3.5
Iowa	258	17,623	3.1	12,682,106	3.0
Kentucky	240	19,635	3.4	10,003,481	2.3
Kansas	113	12,791	2.2	9,835,614	2.3
Wyoming	85	7,839	1.4	9,721,134	2.3
Washington	32	6,155	1.1	9,226,793	2.2
Tennessee	85	11,154	2.0	6,688,454	1.6
Oklahoma	56	8,814	1.5	6,188,678	1.4
Missouri	173	9,526	1.7	5,881,004	1.4
Montana	48	4,612	0.8	5,117,444	1.2
Petroleum and natural gas	7,793	39,831	100.0	185,418,864	100.0
Pennsylvania	3,030	7,897	19.6	39,197,475	21.1
Ohio	1,188	5,897	14.8	29,620,959	16.0
California	339	7,007	17.6	29,310,355	15.8
West Virginia	442	7,963	17.7	28,938,087	15.2
Illinois	223	4,055	10.2	18,895,023	10.2
Oklahoma	711	3,066	7.7	15,885,092	8.5
Kansas	217	1,302	3.3	6,681,780	3.6
Texas	163	1,405	3.5	6,391,313	3.4
Copper	161	53,143	100.0	134,616,987	100.0
Montana	35	13,697	25.8	45,960,517	34.1
Arizona	43	11,394	21.4	31,614,116	23.5
Michigan	7	19,622	36.9	30,185,442	22.4
California	9	2,510	4.7	10,104,373	7.5
Utah	22	3,304	6.2	8,432,099	6.3
Iron	178	52,230	100.0	106,947,082	100.0
Minnesota	20	16,218	31.1	37,076,135	33.4
Michigan	24	16,125	30.9	32,168,153	30.1
Alabama	25	5,666	10.8	4,939,149	4.6
New York	14	2,542	4.9	3,005,602	2.9
Wisconsin	6	1,455	2.8	2,972,584	2.8
Precious metals, Deep mines	1,604	33,618	100.0	83,885,928	100.0
Colorado	459	7,586	22.6	27,147,937	32.4
Nevada	218	3,818	11.4	17,807,945	21.2
California	395	6,622	19.7	9,690,956	11.6
Utah	108	3,305	11.6	8,541,522	10.2
Idaho	60	3,077	9.2	7,898,602	9.4
South Dakota	13	3,466	10.3	6,120,970	7.3
Precious metals, Placer mines	678	4,199	100.0	10,237,252	100.0
California	392	3,073	73.2	8,751,032	85.5
Lead and zinc	977	21,603	100.0	31,363,094	100.0
Missouri	617	16,319	75.5	22,865,528	71.9
Wisconsin	88	1,753	8.1	1,988,907	6.3
Kansas	189	848	3.9	1,059,540	3.4
Oklahoma	47	724	3.4	695,235	2.2
Limestone	1,685	37,695	100.0	29,832,492	100.0
Pennsylvania	311	7,179	19.0	4,733,819	15.9
Illinois	81	3,276	8.7	3,977,359	13.3
Indiana	126	3,724	9.9	3,616,696	12.1
Ohio	144	3,746	9.9	3,363,149	11.3
New York	127	3,104	8.2	2,656,142	8.9
Missouri	144	2,437	6.5	2,027,902	6.8
Granite	707	20,561	100.0	18,997,976	100.0
Vermont	51	2,035	9.9	2,829,522	14.9
Massachusetts	52	2,278	11.1	2,188,986	11.5
Maine	85	2,132	10.4	1,761,801	9.3
California	64	1,448	7.0	1,518,916	8.0
Wisconsin	21	1,448	7.0	1,433,105	7.5
New Hampshire	40	1,365	6.3	1,205,811	6.3
Phosphate rock	51	8,186	100.0	10,781,192	100.0
Florida	26	5,105	62.4	8,488,801	78.7
Tennessee	23	1,725	21.1	1,392,942	12.9
South Carolina	5	1,307	16.0	862,409	8.0

Statistics are given for each of the states where the industry in question is important either by reason of the absolute value of the product or of its proportion of the total for the industry. In most of the industries here shown the production is so concentrated that the states given represent upward of nine-tenths of the entire production, but in the case of the lead and zinc, limestone, and granite industries, the aggregate value of the products reported by the states named falls short of this fraction.

Of the value of the products of the bituminous coal mines in 1909, Pennsylvania contributed more than one-third, and a group of five states—Pennsylvania, West Virginia, Ohio, Indiana, and Illinois—together reported more than two-thirds of the total. Including those just named, the table shows 16 states, situated in all parts of the Union, which had a product valued at more than \$5,000,000. The anthracite coal production is practically confined to the state of Pennsylvania.

Petroleum and natural gas also show production centers in various parts of the country. Pennsylvania leads, with a little over one-fifth of the total value of products for the industry, but does not report so large a proportion of the total as in the case of coal.

More than one-third of the value of products for the copper industry in 1909 was represented by the product of Montana, while Arizona and Michigan each contributed over one-fifth. More than one-half of the value of products for the iron industry in 1909 was contributed by Minnesota and somewhat less than one-third by Michigan.

In the production of precious metals by placer mining California was the only important state, while nearly one-third of the value of products for deep mines was reported from Colorado and over one-fifth from Nevada. The production of Alaska is not included in the table, which relates exclusively to continental United States. It may, however, be noted that the canvass of mines in Alaska by the Bureau of the Census gave \$12,762,000 as the value of the products of placer mining in that territory. The inquiry of 1909 was the first attempt to secure information concerning placer mining in Alaska by census methods. The wide extent of the field and the difficulties of the inquiry lead to the belief that the product reported is considerably short of the actual product of the Alaska placer mines.

The lead and zinc industry is geographically far more closely concentrated than any thus far considered. In 1909 Missouri reported 71.9 per cent of the total value of products of this industry and employed 75.5 per cent of the wage earners engaged therein. The phosphate rock industry shows a marked concentration in the state of Florida, which reported 78.7 per cent of the total value of products and employed 62.4 per cent of all wage earners in the industry. On the other hand, the production of limestone and granite is widely distributed. In the case of the limestone industry, the six states which had a product exceeding \$2,000,000 in value together reported but little more than two-thirds of the total value of products; and in the case of the granite industry the six states having a product in excess of \$1,000,000 in value reported only 57.5 per cent of the total. In addition the variation in value of products among the states named in the table is much less marked in the case of these industries than in most of the other industries listed.

PERSONS ENGAGED IN MINING INDUSTRIES.

The number of persons engaged in mining industries, by classes, was ascertained as far as possible for December 15 of the year 1909. In those cases, however, where the mines were not in operation on that date, or the time records for that date were not obtainable, the numbers were ascertained for the nearest representative date. In addition to this information, the number of wage earners, without classification, was ascertained for the 15th day of every month.¹

The whole number of persons engaged in connection with producing mines, quarries, and wells, as reported on December 15, or the nearest representative day, was 1,139,332, of whom 1,065,283 were wage earners. Since the representative day was taken in some other month than December, in many cases, because the mines were not in operation on December 15, as stated above, this number of wage earners is greater than the number actually engaged at any given time. The greatest number simultaneously employed in all producing mines was 1,022,885, this number being reported for November 15. This does not, however, represent the entire number of persons who gave all or a part of their time to mining in 1909. The busiest months do not coincide for all mining industries nor for all mines within a given industry. Mining, moreover, affords some contrast to manufactures with respect to employment. Whereas in the manufacturing cities there is some opportunity for wage earners to pass from one industry where employment is temporarily slack to another where labor is in greater demand, there is rarely sufficient diversity of mining industries in a given locality to permit such a shifting. Furthermore, even within an industry as widespread as bituminous coal mining, distance would largely prevent the employees of a mine temporarily shut down from seeking employment in other coal mines. The total number of wage earners reported for December 15, or the nearest representative day, namely, 1,065,283, may therefore be accepted as less, if anything, than the total number of wage earners who derived a livelihood from mining during the year 1909.

Distribution by sex and age.—Table 10 shows the classification of the persons employed in producing mines on the 15th day of December, or the nearest representative day.

Women were employed only in supervisory and clerical capacities, none being reported as wage earners.

ers in mining operations proper. It will be noted, moreover, that the reported number of boys under 16 years of age, 8,151, is less than 1 per cent of the whole number of wage earners employed.

Table 10 PERSONS ENGAGED IN PRODUCING ENTERPRISES: 1909

CLASS.	PERSONS ENGAGED IN PRODUCING ENTERPRISES: 1909		
	Total.	Male.	Female.
All classes.....	1,139,332	1,135,928	3,404
Proprietors and officials.....	49,374	47,931	1,443
Proprietors and firm members.....	29,922	28,571	1,351
Salaries officers of corporations.....	5,637	5,377	260
Superintendents and managers.....	13,795	13,783	12
Clerks and other salaried employees.....	24,675	22,314	2,361
Wage earners.....	1,065,283	1,065,283	.....
16 years of age and over.....	1,057,132	1,057,132	.....
Under 16 years of age.....	8,151	8,151	.....

Distribution by industrial status.—Table 11 shows for all mining industries and for the nine most important industries separately the distribution of the persons engaged in producing enterprises according to general character of occupation or industrial status, together with the percentage that each class forms of the total.

Table 11 PERSONS ENGAGED IN PRODUCING ENTERPRISES: 1909

INDUSTRY.	PERSONS ENGAGED IN PRODUCING ENTERPRISES: 1909						
	Number.				Per cent of total.		
	Total.	Proprietors and officials.	Clerks and other salaried employees.	Wage earners.	Proprietors and officials.	Clerks and other salaried employees.	Wage earners.
All industries.....	1,139,332	49,374	24,675	1,065,283	4.3	2.2	93.5
Coal.....	770,681	12,935	14,453	1,290,681	1.7	1.9	96.4
Anthracite.....	178,004	1,315	3,185	173,504	0.7	1.8	97.5
Bituminous.....	592,677	11,620	11,268	569,789	2.0	1.9	96.1
Petroleum and natural gas.....	62,172	19,353	2,988	39,831	31.1	4.8	64.1
Copper.....	55,258	661	1,454	53,143	1.1	2.7	96.2
Iron.....	55,176	1,109	1,837	52,230	2.1	3.3	94.6
Precious metals.....	43,191	4,508	868	37,815	10.4	2.0	87.6
Lead and zinc.....	24,597	2,525	269	21,603	10.4	1.1	88.5
Limestone.....	41,029	2,645	689	37,695	6.4	1.7	91.9
Granite.....	22,211	1,248	402	20,561	5.6	1.8	92.6
Phosphate rock.....	8,573	214	173	8,186	2.5	2.0	95.5

Of the whole number of persons engaged in producing enterprises, 4.3 per cent were proprietors and officials, 2.2 per cent were clerks and other salaried employees, and 93.5 per cent were wage earners. The proportion of proprietors and officials ranges, among the industries given, from 1.1 per cent in the copper industry to 31.1 per cent in the petroleum and natural gas industry. Large proportions for proprietors and officials occur also in the production of the precious metals and of lead and zinc. In the anthracite branch of the coal industry proprietors and officials formed only 0.7 per cent of all persons engaged in the industry. The range of difference with respect to the proportion of clerks is much less than with respect to the proportion of proprietors and officials.

¹ It must be borne in mind that the business year for which returns were obtained did not in all cases coincide with the calendar year. As a result, the total for the month of December includes a few returns for December, 1908, when the business year ended before Dec. 31, 1909. In such cases it was assumed that the number employed on the 15th day of December, 1909, was approximately equal to the number reported for Dec. 15, 1908. The same applies to the figures for other months, some of which were reported for 1908 and others for 1910. The statistics of the number of wage earners must, therefore, be regarded as approximations; they are sufficiently close, however, for purposes of general comparison.

Proprietors performing manual labor.—Table 12 gives, for the principal mining industries, the number of proprietors and firm members compared with the number and percentage who perform manual labor.

INDUSTRY.	PROPRIETORS AND FIRM MEMBERS IN PRODUCING ENTERPRISES: 1909		
	Total.	Performing manual labor.	
		Number.	Per cent.
All industries	29,922	8,861	29.8
Coal, bituminous	3,739	1,713	45.8
Petroleum and natural gas	16,213	2,155	13.3
Precious metals:			
Placer mines	951	673	70.8
Deep mines	2,011	951	47.3
Lead and zinc	1,947	1,171	60.1
Limestone	1,634	640	39.2
Granite	730	318	43.6

Mine operators of the old type who operate their mines without the assistance of hired help or with little help are still quite numerous, as appears from the fact that out of a total of 29,922 proprietors and

firm members in 1909, 8,861, or nearly three-tenths, were personally performing manual labor in or about their enterprises. The industries in which proprietors of this type were relatively the most numerous include bituminous coal mining, in which 45.8 per cent of the proprietors and firm members were performing manual labor; lead and zinc mining, and placer mining (surface gold washing), in each of which industries a majority of the proprietors were working in their own mines; and deep gold and silver mines, in which nearly one-half of all proprietors belonged to this class. There are also a considerable number of proprietors and firm members performing manual labor in the petroleum and natural gas industry, but as the whole number of proprietors and firm members is very large, they constitute a comparatively small percentage of the total.

Wage earners by occupation.—Table 13 gives for all mining industries and for the nine most important industries separately the number of wage earners in producing mines classified by specific occupation and by age group, distinguishing those who work above and those who work below ground.

CLASS OF WAGE EARNERS.	All mining industries.	COAL.			Petroleum and natural gas.	Copper.	Iron.	Precious metals.	Lead and zinc.	Limestone.	Granite.	Phosphate rock.
		Total.	Bituminous.	Anthracite.								
All wage earners (producing enterprises only)	1,065,283	743,283	569,789	173,504	39,831	53,143	52,230	37,815	21,603	37,695	20,561	8,186
Men 16 years of age and over	1,057,132	736,325	566,068	170,257	39,820	53,077	51,741	37,803	21,573	37,572	20,474	8,119
Engineers, firemen, mechanics, etc.	169,519	42,098	29,526	12,272	27,063	6,860	7,073	5,710	3,745	3,224	1,921	1,049
Miners, miners' helpers, quarrymen, and stonecutters	627,513	467,179	384,023	83,156	.....	28,570	24,935	21,855	12,552	25,748	14,290	4,375
All other wage earners	326,100	227,048	182,219	74,829	17,647	19,742	10,238	5,276	8,000	4,263	2,685	1,065
Boys under 16 years of age	8,151	6,908	3,721	3,247	11	66	489	12	30	123	87	67
Above ground, total	366,962	142,843	94,090	48,753	39,831	22,481	24,889	15,333	8,062	37,695	20,561	7,925
Men 16 years of age and over	301,928	138,792	93,273	45,519	39,820	22,420	24,509	15,324	8,067	37,572	20,474	7,858
Engineers, firemen, mechanics, etc.	95,886	34,141	24,389	9,752	27,063	6,268	6,597	5,112	3,584	3,224	1,921	1,049
Miners, miners' helpers, quarrymen, and stonecutters	78,880	.....	.....	.....	.....	1,269	4,736	2,870	427	25,748	14,290	4,117
All other wage earners	189,962	104,651	68,884	35,767	12,757	14,913	13,256	7,342	4,026	8,000	4,263	2,692
Boys under 16 years of age	5,074	4,051	817	3,234	11	61	320	9	25	123	87	67
Below ground, total	698,321	600,450	475,699	124,751	.....	30,662	27,341	22,482	13,541	.....	.....	261
Men 16 years of age and over	695,204	597,553	472,795	124,758	.....	30,657	27,172	22,479	13,536	.....	.....	261
Engineers, firemen, mechanics, etc.	4,933	7,857	5,437	2,529	.....	622	476	598	161	.....	.....	.....
Miners and miners' helpers	549,133	467,179	384,023	83,156	.....	27,301	20,190	18,985	12,125	.....	.....	258
All other wage earners	136,138	122,397	83,335	39,062	.....	2,734	6,506	2,896	3	.....	.....	3
Boys under 16 years of age	3,117	2,917	2,904	13	.....	5	169	3	1,250	.....	.....	.....

This table gives further information in regard to the employment of boys under 16 years of age. Only eight-tenths of 1 per cent of the wage earners in all mining industries were boys under 16 years of age, and of these only three-eighths were employed below ground. The largest number of boys under 16 years of age (3,721) were employed in bituminous coal mining, though 3,247 were employed in the anthracite coal-mining industry, where they formed nearly 2 per cent of the whole number of wage earners—a higher percentage than in any other industry shown in the table. Most of the boys in the anthracite coal industry, however, were employed above ground. In none of the other industries shown in the table did the proportion of boys under 16 years of age reach 1 per cent of the whole number of wage earners.

Miners and miners' helpers, quarrymen, and stonecutters constitute the most numerous class of wage earners, forming, in 1909, 58.9 per cent of the whole number employed in all industries combined. The proportion of miners and miners' helpers reached 67.4 per cent in the bituminous coal industry and 47.9 per cent in anthracite coal mining. It was about the same in the iron mines, but somewhat greater in the other industries employing miners. In the limestone and granite industries quarrymen and stonecutters are naturally the largest numerical group.

The wage earners included under the heading of "Engineers, firemen, mechanics, etc.," constituted 9.7 per cent of all wage earners employed in mining in 1909. The proportion was lowest in the coal industry, where such wage earners formed 5.7 per cent

of the total, and highest in the petroleum and natural gas industry, where they constituted 67.9 per cent. The miscellaneous group "All other wage earners," which is composed mostly of unskilled laborers, comprised 30.6 per cent of all wage earners employed. The proportion in this class was largest in anthracite coal mining (43.1 per cent) and smallest in the granite industry (20.7 per cent).

In all mining industries about one-third of the wage earners (34.4 per cent) were employed above ground and about two-thirds (65.6 per cent) below ground. The two branches of the coal-mining industry have a larger proportion of their wage earners below ground than any other mining industry. In the phosphate rock industry only 3.2 per cent of the wage earners were employed below ground, while three of the industries named in the table—the petroleum and natural gas, limestone, and granite industries—are exclusively surface industries.

Contract work.—In addition to the work performed by wage earners regularly engaged in mining and by the proprietors who contribute their own labor to the operation of the mines, a portion of the work incident to mining is done by contract. The number of wage earners employed by contractors can not be ascertained, because the work is temporary and the same men after completing one job are shifted to another place. A special form of contract work common in certain metalliferous mines is the working of mines in return for a share of the product. Under this system a miner "leases" a block in a mine on a royalty basis; the product is delivered by him to the mine owner, who disposes of it, deducts the royalty, and pays the "lessee" his share. In the operation of petroleum and natural gas wells, little labor is required. This condition has called into existence a special class of mechanics who contract with individual operators to take care of their properties, devoting to each property only a part of their time.

The relative importance of work done under contract, as compared with the work performed by regular wage earners, is shown by a comparison of the total amount paid out in wages with the total expenditure for contract work. While the total wages paid in the United States in 1909 amounted to \$586,774,000, the total expenditure for contract work amounted to \$28,888,000, which included \$3,798,000 paid to miners compensated by a share of the product, and \$1,035,000 paid to part-time men for taking care of petroleum and natural gas wells. There were 3,261 operators, or 16.4 per cent of the total number in the United States, whose properties were operated exclusively by contract work, as defined above. This form of operation was more or less general with operators of petroleum and natural gas wells, of whom 3,021, or 38.8 per cent, belonged to this class. Next in point of numbers were 104 operators of deep mines of precious metals, or 6.5 per cent of all operators engaged in

that industry, who employed contract labor exclusively. In all other industries combined this class included only 136 operators, or 1.3 per cent of the total.

Number of persons employed, by months.—Table 14 shows the number of wage earners reported for the 15th of each month in producing enterprises in all mining industries combined and in coal mining separately, the latter industry, as already noted, including nearly 70 per cent of all wage earners in producing enterprises.

MONTH.	All mining industries.		Coal.		All other mining industries.	
	Number.	Per cent of maximum.	Number.	Per cent of maximum.	Number.	Per cent of maximum.
January.....	940,119	81.9	691,244	84.8	248,875	80.7
February.....	936,418	91.5	686,322	94.1	250,096	81.2
March.....	943,493	92.2	679,791	93.2	263,702	85.5
April.....	928,563	90.8	649,870	89.1	278,693	90.4
May.....	937,002	91.6	646,592	88.7	290,410	94.2
June.....	949,615	92.8	652,894	89.5	296,721	96.2
July.....	961,940	94.0	659,434	90.4	302,506	98.1
August.....	971,263	95.0	667,146	91.5	304,117	98.6
September.....	993,075	97.1	685,234	94.0	307,841	99.8
October.....	1,013,326	99.1	704,939	96.7	308,387	100.0
November.....	1,022,885	100.0	730,341	98.8	302,544	98.1
December.....	1,013,895	99.1	729,273	100.0	284,622	92.3

For all industries combined the largest number of wage earners, 1,022,885, was reported for November and the smallest, 928,563, or 90.8 per cent of the maximum, for April. The figure for April, however, is only slightly below the figures for the three preceding months of the year. From April to November the number increased gradually, but December showed a slight falling off. In coal mining the month of greatest activity was December, and that of least activity was May, when the number employed was equal to 88.7 per cent of the number employed in December. From May to December there was a steady increase in the number of wage earners employed. It should be noted that the figures in this table furnish only a most unsatisfactory indication of the regularity of employment. In the coal-mining industry in particular many mines operate only part of the days each week or each month, and while the number of wage earners on the rolls on the 15th of the month (which is more often reported than the number actually drawing pay) may be substantially the same from month to month, yet the average number of days each miner works during the year may be much less than the possible number of working days. In other words, there is a good deal of unemployment so distributed through the year as not to cause much fluctuation in the monthly returns.

For the principal industries Table 15 shows the month of maximum and of minimum employment, the number reported for each of these months, and the percentage which the minimum represents of the maximum.

Table 15

WAGE EARNERS IN PRODUCING ENTERPRISES: 1909

INDUSTRY.	Maximum.		Minimum.		Per cent of maximum.
	Month.	Number.	Month.	Number.	
All industries	Nov	1,022,655	Apr	928,563	90.8
Coal.....	Dec	729,373	May	646,592	88.7
Anthracite.....	Mar	173,025	Aug	165,740	95.8
Bituminous.....	Dec	560,089	May	478,455	85.4
Petroleum and natural gas.....	Nov	39,932	Feb	35,321	88.9
Copper.....	Oct	53,148	Dec	50,151	94.4
Iron.....	Oct	51,055	Jan	43,491	85.2
Precious metals.....	July	33,869	Dec	30,751	90.8
Lead and zinc.....	Dec	18,374	Jan	15,530	83.4
Limestone.....	Sept	37,209	Jan	17,908	48.1
Granite.....	Sept	21,899	Jan	13,732	62.7
Phosphate rock.....	July	8,114	Oct	7,610	93.8

The coal industry is divided in this table into its two constituent branches. Anthracite mining shows greater regularity of employment from month to month than bituminous mining. It will be noted that the months of maximum and minimum employment for the two branches do not correspond. For the remaining industries the month of maximum employment is generally in the fall of the year except in the case of the production of precious metals and of phosphate rock, where it is July. The quarrying industries, limestone and granite quarrying, show a wide divergence between the months of maximum and minimum employment, due to the fact that they are surface industries and much affected by weather conditions. For both industries the smallest number of wage earners was reported for January.

Prevailing hours of labor.—In Table 16 producing mines and quarries have been classified according to the prevailing hours of labor per day in each enterprise. Petroleum and natural gas wells are not included in this table, because many of them are operated without hired labor, or by men who give to each enterprise only a part of their time. Neither are those enterprises included in which all labor is performed by contractors. The table shows the percentage of the total number of enterprises falling into each group, and a percentage distribution in which each enterprise has been given a weight according to the total number of wage earners employed on December 15, 1909, or the nearest representative day. It should be clearly borne in mind that these latter percentages do not show precisely the proportion of the total number of wage earners working the specified number of hours per day, since in many cases some of the employees work a greater or less number of hours than those generally prevailing in the enterprise. The table shows that about one-half of the enterprises have adopted the 8-hour day, while the other half are operated on a 9-hour or 10-hour basis. There is considerable variation in this respect among the several mining industries. The prevailing hours are 8 or less per shift in more than nine-tenths of the deep gold and silver mines, more

than five-sixths of the copper mines, about three-fourths of the lead and zinc mines, more than two-thirds of the bituminous coal mines, about three-fifths of the placer mines, and slightly less than one-half of the granite quarries. The 9-hour shift is predominant in anthracite coal mines and the 10-hour day in iron mines, limestone quarries, and the phosphate rock industry. In very few mines do the prevailing hours exceed 10 per shift, the only conspicuous exception being the phosphate rock industry, in which 11 or 12 hours per shift constitute the prevailing hours for over one-fourth of the enterprises.

Table 16

INDUSTRY AND HOURS PER DAY.

	ENTERPRISES.		Percent distribution of enterprises weighted according to number of wage earners.
	Number.	Per cent.	
All industries	12,192	100.0	100.0
8 hours and under.....	5,876	48.2	44.5
9 hours.....	1,822	14.9	26.9
10 hours.....	4,393	36.0	27.5
11 hours.....	81	0.3	0.3
12 hours.....	70	0.6	0.8
Coal, anthracite	353	100.0	100.0
8 hours and under.....	13	3.7	1.7
9 hours.....	259	81.9	97.9
10 hours.....	50	14.1	0.4
12 hours.....	1	0.3	(¹)
Coal, bituminous	4,284	100.0	100.0
8 hours and under.....	2,922	68.2	59.5
9 hours.....	554	12.9	13.9
10 hours.....	804	18.8	25.7
12 hours.....	4	0.1	0.9
Copper	200	100.0	100.0
8 hours.....	170	85.0	81.8
9 hours.....	17	8.5	12.5
10 hours.....	12	6.0	5.3
12 hours.....	1	0.5	0.4
Iron	283	100.0	100.0
8 hours.....	15	5.1	3.9
9 hours.....	19	6.5	3.9
10 hours.....	254	86.7	90.4
11 hours.....	4	1.4	1.5
12 hours.....	1	0.3	0.3
Precious metals, Deep mines	1,302	100.0	100.0
8 hours and under.....	1,192	91.6	95.4
9 hours.....	49	3.8	2.7
10 hours.....	45	3.5	1.7
12 hours.....	16	1.2	0.2
Precious metals, Placer mines	485	100.0	100.0
8 hours and under.....	288	59.4	69.5
9 hours.....	46	9.5	12.2
10 hours.....	138	28.5	15.0
11 hours.....	4	0.8	1.0
12 hours.....	9	1.9	1.7
Lead and zinc	807	100.0	100.0
8 hours and under.....	597	74.0	82.1
9 hours.....	130	16.1	8.0
10 hours.....	70	8.7	9.6
11 hours.....	1	0.1	0.2
12 hours.....	9	1.1	0.7
Limestone	1,544	100.0	100.0
8 hours and under.....	120	7.8	3.4
9 hours.....	187	12.1	6.3
10 hours.....	1,231	79.7	88.8
11 hours.....	4	0.3	0.4
12 hours.....	2	0.1	1.1
Granite	682	100.0	100.0
8 hours.....	332	48.0	54.6
9 hours.....	171	24.7	18.5
10 hours.....	188	27.2	26.7
11 hours.....	1	0.1	0.2
Phosphate rock	69	100.0	100.0
8 hours.....	1	1.4	(¹)
9 hours.....	50	72.5	67.5
10 hours.....	8	11.6	11.8
12 hours.....	10	14.5	20.7

¹ Less than one-tenth of 1 per cent.

LAND TENURE.

In mining, as in agriculture, the land is the source from which wealth is drawn, and the control of land is an important factor in mining operations. The Thirteenth Census was the first at which the inquiry into land tenure was extended to all branches of the

mining industry. Table 17 gives, for all mining industries combined and for the nine most important industries separately, statistics of the land controlled, distinguishing the character of the land and also the form of tenure.

Table 17

ACREAGE OF LAND CONTROLLED BY PRODUCING ENTERPRISES: 1909

INDUSTRY.	ACREAGE OF LAND CONTROLLED BY PRODUCING ENTERPRISES: 1909								
	All land.				Mineral and oil land.			Timber land.	Other land.
	Total.	Owned.	Held under lease.	Per cent owned.	Total.	Owned.	Held under lease.		
All industries.....	24,215,611	19,389,121	14,838,179	38.8	21,414,662	26,920,673	14,504,964	1,138,901	1,662,048
Coal.....	8,182,749	15,952,110	12,242,328	.....	6,847,545	24,732,556	22,125,964	435,216	899,988
Anthracite.....	465,134	1,316,867	1,159,956	68.1	274,359	218,144	2102,190	71,851	118,924
Bituminous.....	7,717,615	5,635,243	2,082,372	73.0	6,573,186	4,549,412	2,023,774	363,365	781,064
Petroleum and natural gas.....	12,694,838	686,268	12,008,570	5.4	12,694,838	686,268	12,008,570	.....	.....
Copper.....	275,598	270,771	4,827	98.2	126,851	122,798	4,053	57,781	90,966
Iron.....	1,313,214	1,064,227	248,987	81.0	387,608	282,661	104,947	456,682	468,924
Precious metals.....	588,363	461,158	127,105	78.4	469,455	397,037	72,358	33,745	85,063
Lead and zinc.....	125,322	102,569	22,753	81.8	103,555	81,418	22,137	10,120	11,647
Limestone.....	128,485	96,084	32,411	74.8	88,152	58,774	29,378	9,176	31,167
Granite.....	31,398	42,900	8,528	83.6	39,548	32,035	7,513	3,299	8,584
Phosphate rock.....	340,697	327,726	12,971	96.2	243,221	230,405	12,816	92,580	4,896

¹ Inclusive of 11,689 acres reported both in acreage owned and acreage held under lease.

² Inclusive of 10,975 acres reported both in acreage owned and acreage held under lease.

The total acreage of all land controlled by producing enterprises was 24,216,000 acres. Of course, not all of this area was in actual use, large tracts being held in reserve. The greater part of this land was mineral and oil land, but there were 1,139,000 acres of timber land and 1,662,000 acres of other land. Under these two headings are comprised land which had not been prospected and whose mineral resources were still unknown, as well as some land used for building and other purposes.

In comparing the statistics of land controlled for different industries or different states, it should be noted that the area of land is not necessarily an index of the importance of the holdings, as some land is far more rich in minerals than other land.

Of the total area controlled by operators of mining enterprises in 1909, more than one-half was connected with the petroleum and natural gas industries. Of the remainder, by far the largest part was reported for the coal industry. The holdings of the bituminous mines are far more extensive in comparison with the value of the products of those mines than those of the anthracite mines. The holdings of land by operators of iron mines are also very considerable. Some indication of the amount of reserve land held

in the different industries is afforded by the proportion reported under the description of "Timber land" and "Other land." This proportion is greatest in the iron industry.

Of the total amount of land controlled by mine operators, 38.8 per cent was owned by the operators themselves and the remainder held under lease. The petroleum and natural gas industry, in which most of the land is held under lease, presents a marked contrast to all the other industries shown in the table. Excluding the land controlled in the petroleum and natural gas industry, operators in other mining industries controlled 11,521,000 acres, of which 8,703,000 acres, or 75.5 per cent, were owned by the operators. The two industries showing the widest departure from this proportion are the copper industry, in which the operators owned 98.2 per cent of the land controlled, and the phosphate rock industry, where the proportion of land owned was 96.2 per cent. The proportions owned in the coal industry and its two branches—72.7 per cent for the industry as a whole, 68.1 per cent for the anthracite branch, and 73 per cent for the bituminous branch—fell somewhat below the proportion given above for all mining industries exclusive of the petroleum and natural gas industry.

FORM OF ORGANIZATION.

Table 18 on the next page has for its purpose the presentation of conditions with respect to the form of organization of producing mining enterprises for all mining industries combined and the nine leading industries separately.

The most important distinction brought out by the table is that between corporate and all other forms of organization. Among 19,915 operators of producing mines, quarries, and wells, 7,041, or 35.4 per cent, were corporations. These incorporated enterprises,

however, employed 90.6 per cent of the wage earners engaged in mining enterprises, and reported 91.4 per cent of the total value of products. Individuals formed 32.1 per cent of the whole number of operators, but they employed only 3.9 per cent of the wage earners and are credited with only 3 per cent of the total value of products. The proportions for firms differ but little from those for individuals, being slightly less in the case of the number of operators and slightly greater in the case of the number of wage earners and the value of products. Moreover, it may be noted that while the average value of products was \$160,832 per operator for corporations, it was only \$9,136 for firms and only \$5,723 for individuals.

Corporations constituted a majority of the operators in the phosphate rock industry (88.2 per cent), the iron industry (73.3 per cent), the copper industry (67.4 per cent), and the coal industry (52.6 per cent). In the copper industry corporations employed 99 per cent of the total number of wage earners. Other industries where a very large percentage of the wage earners were employed by corporations are iron mining (98.1 per cent), the phosphate rock industry (95.8 per cent), and coal mining (93.6 per cent). More than 90 per cent of the total value of products in the mining industry as a whole was credited to corporations. The largest percentages for the individual industries were as follows: The iron industry, 99.6 per cent; the copper industry, 99.1 per cent; the phosphate rock industry, 96.4 per cent; the coal-mining industry, 94.4 per cent; and the precious metal industries, 92.2 per cent. The two quarrying industries—the limestone and granite industries—are the only ones shown in the table in which as much as 25 per cent of the total value of products is credited to other than corporate enterprises.

Table 18 INDUSTRY AND FORM OF ORGANIZATION.	PRODUCING ENTERPRISES: 1909				PER CENT OF TOTAL.		
	Number of operators.	Number of wage earners.	Value of products.		Number of operators.	Wage earners.	Value of products.
			Total.	Per operator.			
All industries.....	19,915	1,065,283	\$1,238,410,322	\$62,185	100.0	100.0	100.0
Individual.....	6,387	41,908	36,551,114	5,723	32.1	3.9	3.0
Firm.....	6,262	59,777	57,209,690	9,136	31.4	4.8	4.7
Corporation.....	7,041	965,883	1,132,418,758	160,832	32.4	90.6	91.4
Other.....	225	7,115	12,230,830	54,359	1.1	0.7	0.9
Coal.....	3,695	743,293	\$77,142,935	\$56,193	100.0	100.0	100.0
Individual.....	1,058	17,475	10,490,068	9,915	28.6	2.4	1.8
Firm.....	664	24,099	17,111,132	25,770	18.0	3.3	3.0
Corporation.....	1,942	695,983	544,885,641	240,583	32.4	93.6	94.4
Other.....	5	5,134	4,656,094	130,197	0.8	0.7	0.8
Petroleum and natural gas.....	7,793	39,831	165,416,684	23,793	100.0	100.0	100.0
Individual.....	2,298	2,020	9,662,086	4,204	29.5	5.1	5.2
Firm.....	3,360	3,085	18,954,985	5,641	43.1	7.7	10.2
Corporation.....	1,966	32,636	149,358,498	75,971	25.2	81.9	80.6
Other.....	169	2,090	7,441,115	44,630	2.2	5.3	4.0
Copper.....	161	53,143	134,616,987	836,130	100.0	100.0	100.0
Individual.....	26	168	103,965	6,304	16.3	0.3	0.1
Firm.....	26	344	1,038,831	39,899	16.3	0.7	0.8
Corporation.....	109	52,631	133,434,248	1,225,984	67.4	99.0	99.1
Iron.....	176	52,230	106,947,682	607,654	100.0	100.0	100.0
Individual.....	24	23	481	9,699	13.7	20.7	14.0
Firm.....	24	536	3,091,412	30,142	13.6	1.0	0.2
Corporation.....	129	51,213	106,522,725	825,757	73.3	98.1	99.6
Precious metals.....	2,282	37,515	94,123,180	42,146	100.0	100.0	100.0
Individual.....	622	2,591	4,228,424	5,190	27.3	6.9	3.4
Firm.....	674	2,783	3,997,463	5,931	29.5	7.4	4.2
Corporation.....	976	32,232	86,756,458	88,884	42.8	85.2	92.2
Other.....	10	209	14,684	1,664	0.4	0.5	0.2
Lead and zinc.....	977	21,603	31,363,984	32,101	100.0	100.0	100.0
Individual.....	899	779	824,504	9,264	9.1	3.6	2.6
Firm.....	522	2,426	3,601,380	6,899	53.4	13.7	11.5
Corporation.....	366	17,898	26,937,001	73,598	37.5	82.9	85.9
Limestone.....	1,665	37,685	28,832,492	17,917	100.0	100.0	100.0
Individual.....	911	2,481	4,181,655	4,590	54.7	20.7	14.0
Firm.....	295	5,178	3,480,343	11,818	17.7	13.7	11.7
Corporation.....	451	24,551	22,061,746	48,917	27.1	65.1	74.0
Other.....	8	185	102,748	12,844	0.5	0.5	0.3
Granite.....	707	20,561	18,997,976	26,871	100.0	100.0	100.0
Individual.....	323	3,745	3,029,150	9,378	45.7	18.2	16.0
Firm.....	166	3,225	2,967,938	17,879	23.5	15.7	15.6
Corporation.....	215	13,490	12,922,689	60,107	30.4	65.6	64.0
Other.....	3	101	77,849	25,630	0.4	0.5	0.4
Phosphate rock.....	5	8,186	10,781,192	211,396	100.0	100.0	100.0
Individual.....	6	346	389,207	64,868	11.8	4.2	3.6
Corporation.....	45	7,840	10,391,985	250,528	88.2	95.8	96.4

SIZE OF ENTERPRISES.

The tendency toward concentration in the mining industries can be measured by a classification of mine operators according to the number of wage earners employed or according to the value of the products per operator.

Classification according to number of wage earners.—Table 19, on the next page, gives, for all mineral industries combined and for the most important individual industries, a classification of producing enterprises according to the number of wage earners employed, and shows for each class the number of operators and the number of wage earners. It does not include those mines and quarries which were worked on contract or for a share of the product, nor does it include the petroleum and gas wells which were cared for by part-time employees.

It is worthy of note that the most numerous type of mine operator is the small producer, about three-fifths of all operators employing only from 1 to 20 men each,

while more than one-tenth of all operators employed no wage earners at all. On the other hand, more than one-half of the total number of mine workers were employed by operators employing more than 500 men each, although such operators constituted only 1.7 per cent of the total number of operators. The degree of concentration varies in different industries. In anthracite coal mining over five-sixths of all wage earners were employed by the 18 largest operators, each of whom employed 1,000 or more men. Copper mining follows next, three-fourths of the wage earners in this industry being employed by the 12 largest operators, with a force of over 1,000 men each. Iron mining holds the third place, with 9 operators of this class employing more than one-half of the wage earners. There is also a large degree of concentration in bituminous coal mining, where 77 operators of this class, constituting 2.2 per cent of the total number, employed nearly one-half of the wage earners.

In the production of petroleum and natural gas the degree of concentration is not as high as in the mining of coal, iron, and copper; the 8 largest operators, however, employed over two-fifths of the wage

earners. On the other hand, in precious metal mining, lead and zinc mining, and stone quarrying, small-scale production is still the predominant type.

Table 19 INDUSTRY AND NUMBER OF WAGE EARNERS ¹ PER OPERATOR.	PRODUCING ENTERPRISES: 1909				INDUSTRY AND NUMBER OF WAGE EARNERS ¹ PER OPERATOR.	NONPRODUCING ENTERPRISES: 1909			
	Operators.		Wage earners. ¹			Operators.		Wage earners. ¹	
	Number.	Per cent distribution.	Number.	Per cent distribution.		Number.	Per cent distribution.	Number.	Per cent distribution.
All industries	16,657	100.0	1,065,283	100.0	Iron	173	100.0	52,230	100.0
No wage earners.....	2,187	13.1	14,788	1.4	No wage earners.....	4	2.3	39	0.1
1 to 5.....	6,292	37.8	43,083	4.0	1 to 5.....	12	6.9	374	0.7
6 to 20.....	3,837	23.0	64,327	6.0	6 to 20.....	30	17.4	1,272	2.4
21 to 50.....	1,973	11.8	71,045	6.7	21 to 50.....	36	20.8	1,742	3.3
51 to 100.....	983	5.9	242,999	22.8	51 to 100.....	24	13.9	11,399	21.8
101 to 500.....	1,105	6.6	110,191	10.3	101 to 500.....	49	28.3	7,132	13.7
501 to 1,000.....	155	0.9	518,850	48.7	501 to 1,000.....	9	5.2	30,317	58.0
Over 1,000.....	125	0.8			Over 1,000.....	9	5.2		
Anthracite coal	192	100.0	173,504	100.0	Precious metals	2,169	100.0	37,815	100.0
No wage earners.....	7	3.6	102	0.1	No wage earners.....	378	17.4	2,330	6.2
1 to 5.....	39	20.3	612	0.3	1 to 5.....	912	42.1	5,802	15.3
6 to 20.....	28	14.6	1,459	0.8	6 to 20.....	203	9.4	6,648	17.6
21 to 50.....	19	9.9	11,857	6.8	21 to 50.....	148	6.8	23,035	60.9
51 to 100.....	19	9.9	147,075	84.8	Over 50.....	4	0.2		
101 to 500.....	18	9.4			Lead and zinc	950	100.0	21,603	100.0
501 to 1,000.....	18	9.4			No wage earners.....	133	14.0	814	3.8
Over 1,000.....	18	9.4			1 to 5.....	289	30.9	3,500	16.2
Bituminous coal	3,476	100.0	569,789	100.0	6 to 20.....	184	19.4	5,910	27.4
No wage earners.....	23	0.7	2,162	0.4	51 to 100.....	39	4.1	2,691	12.4
1 to 5.....	690	17.3	10,183	1.8	101 to 500.....	5	0.5	825	3.8
6 to 20.....	939	27.0	18,988	3.3	501 to 1,000.....	4	0.4	3,346	15.5
21 to 50.....	44	2.9	33,820	5.9	Over 1,000.....	3	0.3	4,517	20.9
51 to 100.....	466	13.4	156,523	27.5	Limestone	1,642	100.0	37,635	100.0
101 to 500.....	693	19.9	73,517	12.9	No wage earners.....	96	5.9	1,433	3.8
501 to 1,000.....	103	3.0	274,596	48.2	1 to 5.....	565	34.4	6,168	16.4
Over 1,000.....	77	2.2			6 to 20.....	286	32.0	9,201	24.4
Petroleum and natural gas	4,772	100.0	39,831	100.0	21 to 50.....	520	17.2	7,432	19.7
No wage earners.....	1,324	27.7	4,875	12.2	51 to 100.....	104	6.3	15,441	35.7
1 to 5.....	2,749	57.6	5,313	13.3	Over 100.....	69	4.2		
6 to 20.....	519	10.9	3,144	7.9	Granite	704	100.0	20,561	100.0
21 to 50.....	104	2.2	2,823	7.1	No wage earners.....	10	1.4	1,438	3.1
51 to 100.....	40	0.8	5,687	14.3	1 to 5.....	199	28.3	3,069	14.9
101 to 500.....	28	0.6	17,989	45.2	6 to 20.....	265	37.6	4,367	21.3
Over 500.....	8	0.2			21 to 50.....	132	18.8	3,830	18.6
Copper	188	100.0	53,143	100.0	51 to 100.....	53	7.5	8,587	42.1
No wage earners.....	8	5.1	144	0.3	Over 100.....	45	6.4		
1 to 5.....	48	25.4	360	0.7	Phosphate rock	51	100.0	8,188	100.0
6 to 20.....	30	16.0	579	1.1	1 to 5 wage earners.....	2	3.9	17	0.2
21 to 50.....	17	10.8	1,248	2.3	6 to 20.....	1	2.0	179	2.2
51 to 100.....	16	10.1	4,998	9.4	21 to 50.....	11	21.6	463	5.7
101 to 500.....	19	12.0	5,508	10.4	51 to 100.....	6	11.8	1,024	12.5
501 to 1,000.....	8	5.0	40,306	75.8	Over 100.....	21	41.2	6,503	79.4
Over 1,000.....	12	7.6							

¹ Based on number reported for Dec. 15, 1909, or nearest representative day.

A marked distinction with respect to the degree of concentration exists between regular producing mines, quarries, and wells, on the one hand, and nonproducing properties on the other. The latter includes for the most part enterprises which are still in the development stage, as well as others which have had a product in the past but whose present operations are confined to the maintenance of the property, or to development work with a view to resuming production.

About two-thirds of all the wage earners engaged in nonproducing mining properties were employed by operators employing not exceeding 20 wage earners each. The largest enterprises in this class were represented by 12 operators employing from 101 to 500 wage earners each. On the other hand, more than one-half of all wage earners engaged in producing mines were employed by operators with a working force of 500 men or over.

Table 20 shows the distribution of operators according to the number of wage earners for producing and nonproducing properties separately.

Table 20 WAGE EARNERS ¹ PER OPERATOR.	PRODUCING ENTERPRISES.				NONPRODUCING ENTERPRISES.			
	Operators.		Wage earners. ¹		Operators.		Wage earners. ¹	
	Number.	Per cent distribution.	Number.	Per cent distribution.	Number.	Per cent distribution.	Number.	Per cent distribution.
Total.....	16,657	100.0	1,065,283	100.0	3,395	100.0	21,499	100.0
No wage earners.....	2,187	13.1	14,788	1.4	196	5.8	1,719	7.9
1 to 5.....	6,292	37.8	43,083	4.0	2,253	66.4	6,207	28.9
6 to 20.....	3,837	23.0	64,327	6.0	779	23.0	7,659	35.6
21 to 50.....	1,973	11.8	71,045	6.7	127	3.7	7,531	35.0
51 to 100.....	983	5.9	242,999	22.8	28	0.8	1,961	9.1
101 to 500.....	1,105	6.6	110,191	10.3	12	0.3	1,921	8.9
501 to 1,000.....	155	0.9	518,850	48.7				
Over 1,000.....	125	0.8						

¹ Based on number reported for Dec. 15, 1909, or nearest representative day.

Classification according to value of products.—Table 21 gives, for all mining industries and for the most important industries separately, a classifica-

tion of the operators according to value of products per operator, and shows, for each class, the number of operators and the total value of products.

Table 21

INDUSTRY AND VALUE OF PRODUCTS PER OPERATOR.	PRODUCING ENTERPRISES: 1909				INDUSTRY AND VALUE OF PRODUCTS PER OPERATOR.	PRODUCING ENTERPRISES: 1909			
	Operators.		Value of products.			Operators.		Value of products.	
	Number.	Percent distribution.	Amount.	Percent distribution.		Number.	Percent distribution.	Amount.	Percent distribution.
All industries.	19,915	100.0	\$1,228,410,322	100.0	Iron.	176	100.0	106,947,082	100.0
Less than \$5,000.	11,384	57.2	18,518,939	1.5	Less than \$5,000.	42	23.9	54,063	0.1
\$5,000 to \$20,000.	4,276	21.5	43,997,158	3.6	\$5,000 to \$20,000.	34	19.3	363,050	0.3
\$20,000 to \$100,000.	2,840	14.3	128,369,227	10.4	\$20,000 to \$100,000.	47	26.7	2,416,815	2.3
\$100,000 to \$1,000,000.	1,251	6.3	335,247,982	27.1	\$100,000 to \$1,000,000.	38	21.5	14,023,823	13.1
\$1,000,000 and over.	164	0.8	712,277,916	57.5	\$1,000,000 and over.	15	8.5	90,089,331	84.2
Coal.	3,695	100.0	577,142,935	100.0	Precious metals.	2,282	100.0	94,123,180	100.0
Less than \$5,000.	1,175	31.8	2,921,829	0.6	Less than \$5,000.	1,571	68.8	1,775,238	1.9
\$5,000 to \$20,000.	919	24.9	9,557,288	1.6	\$5,000 to \$20,000.	347	15.2	5,399,027	5.8
\$20,000 to \$100,000.	885	23.9	44,005,693	7.6	\$20,000 to \$100,000.	208	9.1	9,226,501	9.8
\$100,000 to \$1,000,000.	631	17.1	172,161,975	29.8	\$100,000 to \$1,000,000.	140	6.2	38,704,156	41.1
\$1,000,000 and over.	85	2.3	348,496,450	60.4	\$1,000,000 and over.	16	0.7	40,818,458	43.4
Anthracite coal.	192	100.0	149,180,471	100.0	Lead and zinc.	977	100.0	31,383,084	100.0
Less than \$5,000.	59	30.7	95,226	0.1	Less than \$5,000.	531	54.1	991,393	2.9
\$5,000 to \$20,000.	24	12.5	288,261	0.2	\$5,000 to \$20,000.	231	23.6	2,407,108	7.7
\$20,000 to \$100,000.	38	19.8	2,153,644	1.4	\$20,000 to \$100,000.	173	17.7	7,776,942	24.8
\$100,000 to \$1,000,000.	54	28.1	21,020,422	14.1	\$100,000 to \$1,000,000.	38	3.9	7,339,203	23.4
\$1,000,000 and over.	17	8.9	125,622,918	84.2	\$1,000,000 and over.	4	0.4	12,938,478	41.2
Bituminous coal.	3,503	100.0	427,962,464	100.0	Limestone.	1,665	100.0	29,832,492	100.0
Less than \$5,000.	1,116	31.9	2,826,603	0.6	Less than \$5,000.	940	56.5	1,370,469	4.6
\$5,000 to \$20,000.	895	25.5	9,399,427	2.2	\$5,000 to \$20,000.	401	24.1	4,177,822	14.0
\$20,000 to \$100,000.	847	24.2	41,852,049	9.8	\$20,000 to \$100,000.	270	16.2	12,318,129	41.3
\$100,000 to \$1,000,000.	577	16.5	151,141,253	35.3	\$100,000 to \$1,000,000.	54	3.2	11,966,072	40.1
\$1,000,000 and over.	68	1.9	222,873,532	52.1	Granite.	707	100.0	18,997,976	100.0
Petroleum and natural gas.	7,733	100.0	185,416,684	100.0	Less than \$5,000.	276	39.0	585,023	3.1
Less than \$5,000.	5,446	69.9	8,800,708	4.8	\$5,000 to \$20,000.	235	33.2	2,599,945	13.6
\$5,000 to \$20,000.	1,506	19.3	14,812,243	8.0	\$20,000 to \$100,000.	149	21.1	6,415,922	33.8
\$20,000 to \$100,000.	638	8.2	26,924,025	14.5	\$100,000 to \$1,000,000.	47	6.7	9,406,016	49.5
\$100,000 to \$1,000,000.	184	2.4	49,198,036	26.5	Phosphate rock.	51	100.0	10,781,192	100.0
\$1,000,000 and over.	19	0.2	85,591,672	46.2	Less than \$5,000.	9	17.6	21,192	0.2
Copper.	161	100.0	134,616,987	100.0	\$5,000 to \$20,000.	11	21.6	10,810,580	1.0
Less than \$5,000.	68	42.2	83,082	0.1	\$20,000 to \$100,000.	8	15.7	445,855	4.1
\$5,000 to \$20,000.	32	20.0	337,175	0.2	\$100,000 and over.	23	45.1	10,207,525	94.7
\$20,000 to \$100,000.	18	11.2	725,467	0.5					
\$100,000 to \$1,000,000.	21	13.7	8,708,533	6.5					
\$1,000,000 and over.	21	13.0	124,762,739	92.7					

The relative importance of small-scale and large-scale production in mining can be seen from the fact that the 11,384 operators reporting products valued at less than \$5,000, though they constituted 57.2 per cent of the total number of operators, reported only 1.5 per cent of the total value of products, while the 164 operators reporting products valued at more than \$1,000,000, though they formed less than 1 per cent of the whole number of operators, reported 57.5 per cent of the total value of products. The degree of concentration varies in the different industries, operators

reporting products of more than \$1,000,000 in value contributing 92.7 per cent, as measured by value, of the copper product, 84.2 per cent of the iron ore, 84.2 per cent of the anthracite coal, 52.1 per cent of the bituminous coal, 46.2 per cent of the petroleum and natural gas, 43.4 per cent of the precious metals, and 41.2 per cent of the lead and zinc. In the phosphate rock industry which reported a total value of products of \$10,781,192 there was one operator whose products were valued at more than \$1,000,000. The other mining industries do not show so high a degree of concentration.

EXPENSES.

The census does not purport to furnish figures which can be used for determining profits or exact cost of production.

Table 22 shows, however, for 1909, in percentages, the distribution of expenses in producing enterprises by classes for all mining industries combined and for the most important industries separately. This table shows that for all industries combined 61.4 per cent of the total expenses were incurred for services—that is, salaries and wages—23.8 per cent for supplies, materials, and fuel, 6.1 per cent for royalties and rent of mines, and 8.7 per cent for all other purposes.

INDUSTRY.	PER CENT OF TOTAL EXPENSES REPORTED FOR PRODUCING ENTERPRISES. ¹				
	Salaries.	Wages.	Supplies, materials, and fuel.	Royalties and rent of mines.	Miscellaneous.
All industries.	5.1	56.3	23.8	6.1	8.7
Coal.					
Anthracite.	3.2	66.3	19.2	5.7	5.6
Bituminous.	5.5	74.3	12.1	3.1	5.0
Petroleum and natural gas.	5.3	20.0	37.8	15.7	21.2
Copper.	3.4	45.9	44.2	1.7	4.8
Iron.	4.6	40.1	23.3	20.5	11.5
Precious metals.	5.6	44.4	37.7	1.7	10.6
Lead and zinc.	4.1	43.2	37.6	6.4	5.7
Limestone.	7.2	59.0	22.0	2.0	9.7
Granite.	6.6	68.6	16.6	1.2	7.0
Phosphate rock.	8.0	43.3	30.4	4.7	13.6

¹ For absolute figures on which these percentages are based, see Table 28, p. 562.

As would be expected, the proportions vary considerably in the different industries. The largest percentage for services (79.8) is shown for the bituminous branch of the coal-mining industry, the smallest percentage (25.3) being reported for the petroleum and natural gas industry. The proportion for supplies, materials, and fuel varies from 44.2 per cent for the

copper industry to 12.1 per cent for bituminous coal mining; the proportion for royalties and rent of mines, from 20.5 per cent for iron mining to 1.2 per cent for granite quarrying; and the proportion for miscellaneous expenses, from 21.2 per cent for the petroleum and natural gas industry to 4.8 per cent for the copper industry.

POWER.

Table 23 shows, for all mining industries and for the most important industries separately, the number of engines or other motors, according to their character, employed in generating power (including electric

motors operated by purchased current), and their total horsepower. It also shows separately the number and horsepower of electric motors which were run by current generated by the same establishment.

Table 23

PRODUCING ENTERPRISES: 1909

INDUSTRY.	Primary power.												Electric motors run by current generated by same establishment.	
	Aggregate horsepower.	Total horsepower.	Owned.						Electric motors operated by rented current.		Number.	Horsepower.		
			Steam engines.		Gas or gasoline engines.		Water wheels.		Number.	Horsepower.				
			Number.	Horsepower.	Number.	Horsepower.	Number.	Horsepower.						
All industries	4,608,253	4,402,554	70,573	3,786,552	23,296	518,542	908	97,460	4,770	205,699	14,203	493,721		
Coal.....	1,304,154	1,877,450	19,318	1,874,001	374	3,101	9	348	872	26,704	10,869	375,386		
Anthracite.....	676,753	675,343	7,580	674,571	25	772			32	1,410	1,152	46,088		
Bituminous.....	1,227,401	1,202,107	11,738	1,199,430	349	2,329	9	348	840	25,294	9,717	329,298		
Petroleum and natural gas.....	1,221,969	1,221,809	36,928	746,658	21,762	475,151			6	160	454	8,589		
Copper.....	376,464	324,178	699	303,848	71	2,325	15	18,005	910	52,286	536	25,888		
Iron.....	346,534	342,069	3,563	326,753	27	2,651	30	12,065	55	4,465	326	13,295		
Precious metals.....	228,244	144,502	1,074	84,953	429	9,606	704	49,853	2,142	83,742	574	16,054		
Lead and zinc.....	110,559	107,276	2,158	94,220	214	12,987	3	69	59	3,283	361	12,048		
Limestone.....	125,024	115,573	2,166	112,300	119	2,911	9	272	206	9,451	170	5,291		
Granite.....	61,095	54,213	1,346	52,549	65	1,142	6	522	159	6,882	57	1,346		
Phosphate rock.....	50,526	50,426	549	46,817	32	3,029			1	100	339	21,888		

Of the total primary power used in mining, 4,402,554 horsepower, or 95.5 per cent, was owned by the mine operators, only 205,699 horsepower, all of which was electric power, being rented. The total amount of electric power used, including that generated at the mines, aggregated 699,420 horsepower. Nearly three-fourths of the total rented power was reported from the Mountain and Pacific states, where the abundance

of water power and the scarcity of coal makes the transmission of electric power profitable. The ownership of water power by mine operators was insignificant, except in the production of the precious metals, which is mainly confined to the group of states above mentioned. Of the horsepower generated by gas or gasoline engines, 91.6 per cent was utilized in the petroleum and natural gas industry.

QUANTITY OF MINERALS.

The statistics relating to quantity of minerals were collected in cooperation with the United States Geological Survey, but the results given in Table 24 vary slightly from those published by that bureau. The latter relate in every case to the calendar year 1909, whereas the census data are for the business year of each establishment, to accord with the statistics of persons employed in mining industries as well as with the expenses incurred. Moreover, the figures presented in the table deal with products sold or used by the mine operators, whereas the statistics of the United States Geological Survey in many cases show the quantities actually produced during the calendar year.

For metalliferous, other than iron, mines the United States Geological Survey publishes the quantities of metals recovered by refineries which the ore ultimately reaches, whereas Table 24 relates to the crude products sold by mine operators. Thus the gold content of all domestic ore mined in continental United States, and sold in the crude state, together with the assay content of mill and placer bullion, as given in the table, aggregated 3,876,943 fine ounces, whereas the production of refined gold in continental United States, as estimated by the United States Geological Survey in cooperation with the Director of the Mint, was 3,837,773 ounces; the difference does not exceed 1

per cent of the total production. Likewise, the assay content of all silver ore and mill and placer bullion produced in the United States, as reported by mine operators, was 57,294,492 ounces, whereas the total production of refined bullion in the United States, including Alaska, as estimated by the Director of the Mint and reported by refineries to the Bureau of the Census, aggregated in round figures 54,500,000 fine ounces, the variance being due in greater part to losses in recovery.

No quantities for structural materials are presented in the table below, by reason of the great diversity in the units of measure, depending on quality as well as on the uses for which the stone is intended. The only common measure for the production of building stone is value.

Where the products of a given industry were marketed by some establishments in crude state and by others in dressed or refined state, the figures below are presented as reported by the operators.

PRODUCT.	Unit of measure.	Total.	Crude.	Dressed or refined.	PRODUCT.	Unit of measure.	Total.	Crude.	Dressed or refined.
FUELS:					MISCELLANEOUS:				
Coal, anthracite	Tons, 2,000 lbs.	80,968,130			Asbestos	Tons, 2,000 lbs.	3,233	2,330	903
Coal, bituminous	Tons, 2,000 lbs.	376,865,510			Barytes	Tons, 2,000 lbs.	48,984	42,979	6,005
Petroleum	Barrels	171,557,485	171,557,485		Bauxite	Tons, 2,000 lbs.	142,341	136,641	7,700
Natural gas	M cubic feet	430,659,496			Clay	Tons, 2,000 lbs.	2,159,647	2,159,647	
Peat	Tons, 2,000 lbs.	15,671	1,254	14,417	Corundum and emery	Tons, 2,000 lbs.	1,580	628	952
METALS:					Feldspar	Tons, 2,000 lbs.	76,539	31,037	45,502
Iron	Tons, 2,240 lbs.	50,521,208	50,521,208		Fluorspar	Tons, 2,000 lbs.	48,759	45,319	3,440
Gold, total ¹	Fine ounces	4,869,871			Fullers' earth	Tons, 2,000 lbs.	43,169	19,861	23,308
Continental U. S.	Fine ounces	3,876,943			Garnet	Tons, 2,000 lbs.	2,932	90	2,842
Alaska	Fine ounces	983,928			Graphite	Tons, 2,000 lbs.	16,222	13,245	2,977
Silver	Fine ounces	57,294,492			Gypsum	Tons, 2,000 lbs.	1,845,000	346,059	1,498,941
Copper, total	Pounds	1,089,800,000			Mica:				
Lake ²	Pounds	234,137,051		234,137,051	Sheet	Pounds	1,809,582	1,809,582	
Western ³	Pounds	855,662,949	855,662,949		Scrap	Tons, 2,000 lbs.	4,090		4,090
Lead:					Monzite and zircon	Tons, 2,000 lbs.	268		268
Argentiferous ⁴	Pounds	434,880,257	434,880,257		Phosphate rock	Tons, 2,240 lbs.	2,320,623	2,320,623	
Nonargentiferous	Tons, 2,000 lbs.	249,935	249,935		Pumice	Tons, 2,000 lbs.	15,103	15,103	
Zinc:					Pyrite	Tons, 2,240 lbs.	247,070	247,070	
Argentiferous ⁴	Pounds	98,882,379	98,882,379		Quartz	Tons, 2,000 lbs.	117,578	106,248	11,330
Nonargentiferous	Tons, 2,400 lbs.	818,821	818,821		Sulphur	Tons, 2,000 lbs.	268,029	268,029	
Quicksilver	Pounds net	1,568,675		1,568,675	Talc and soapstone	Tons, 2,000 lbs.	120,837	30,898	89,939
Manganese	Tons, 2,240 lbs.	1,544	1,544						
Tungsten	Tons, 2,000 lbs.	1,619	1,619						

¹ See explanation in the text.

² Assay content of mill bullion and ore shipped.

³ Metallic copper.

⁴ Assay content of ore.

⁵ Concentrate.

PRODUCING MINES, QUARRIES, AND WELLS¹—COMPARATIVE SUMMARY FOR THE UNITED STATES, BY STATES: 1909 AND 1902.

GEOGRAPHIC DIVISION AND STATE.	Census.	PRINCIPAL EXPENSES OF OPERATION AND DEVELOPMENT.				Value of products. ²	Primary horse-power.	PER CENT OF INCREASE.			
		Salaries and wages.	Supplies, materials, and fuel. ³	Royalties and rent of mines.	Contract work.			Salaries and wages.	Royalties and rent of mines.	Value of products.	Horse-power.
United States	1909	\$625,610,068	\$208,771,046	\$62,456,760	\$24,091,986	\$1,175,475,001	4,556,170	55.9	81.2	52.4	71.0
	1902	401,225,547	114,515,832	34,476,227	20,638,127	771,486,926	2,663,964				
GEOGRAPHIC DIVISIONS:											
New England	1909	11,093,136	3,903,951	190,947	120,440	19,312,271	60,120	5.8	6.8	16.3	37.7
	1902	10,484,388	2,683,713	178,812	1,853	16,008,699	43,670				
Middle Atlantic	1909	212,534,186	54,917,283	15,928,491	6,048,025	353,775,070	1,748,375	66.2	42.3	47.2	46.7
	1902	127,847,369	31,582,205	11,190,610	5,359,507	240,365,682	1,191,487				
East North Central	1909	129,342,721	34,944,431	12,338,469	5,882,397	233,002,528	919,427	44.9	36.7	34.8	50.8
	1902	89,261,966	25,966,245	9,024,556	4,959,358	172,894,450	609,641				
West North Central	1909	55,134,454	21,116,725	14,720,084	2,709,833	129,023,910	371,548	62.2	158.6	78.6	208.5
	1902	33,998,514	9,936,373	5,691,636	770,773	72,257,703	120,421				
South Atlantic	1909	53,154,421	18,226,801	8,638,145	4,665,497	102,375,877	532,824	66.5	90.1	47.9	81.9
	1902	31,916,461	11,496,991	4,544,772	5,374,382	69,202,161	292,981				
East South Central	1909	31,848,088	6,843,506	1,374,027	976,571	46,394,609	180,503	41.2	79.5	33.2	210.6
	1902	22,559,803	3,941,987	765,974	661,402	34,820,772	58,122				
West South Central	1909	9,221,489	4,308,820	1,008,985	303,062	22,400,222	55,199	83.3	348.7	127.2	152.4
	1902	4,976,150	1,216,670	355,555	1,494,266	9,837,364	24,873				
Mountain	1909	82,785,040	36,741,450	1,880,957	788,712	170,306,953	399,298	45.1	18.0	51.7	80.9
	1902	57,029,455	20,390,291	1,389,738	770,831	112,370,912	229,774				
Pacific	1909	28,627,961	21,956,212	2,473,082	523,657	71,076,741	184,172	59.9	270.2	96.9	116.2
	1902	15,128,437	6,557,854	803,039	570,016	36,092,355	81,203				

¹ Exclusive of governmental institutions, and of the coke and cement industries, but including figures for the lime industry.

² Exclusive of duplications resulting from the use of products of some enterprises as materials for others within the same industry.

³ Embraces Oklahoma, Rhode Island, and South Carolina for both years and the District of Columbia for 1909. These states are not shown separately nor are they included in the totals for their respective geographic divisions, because to do so would disclose individual operations.

⁴ Exclusive of the amount paid to miners compensated by a share of the product for both years, and also of the wages of part-time employees for the petroleum and natural gas industries for 1909, which are included under "Contract work" in other tables for 1909.

PRODUCING MINES, QUARRIES, AND WELLS¹—COMPARATIVE SUMMARY FOR THE UNITED STATES, BY STATES
1909 AND 1902—Continued.

GEOGRAPHIC DIVISION AND STATE.	Census.	PRINCIPAL EXPENSES OF OPERATION AND DEVELOPMENT.				Value of products. ²	Primary horse-power.	PER CENT OF INCREASE. ³			
		Salaries and wages.	Supplies, materials, and fuel. ⁴	Royalties and rent of mines.	Contract work.			Salaries and wages.	Royalties and rent of mines.	Value of products.	Horse-power.
NEW ENGLAND:											
Maine.....	1909	\$1,696,617	\$1,032,965	\$22,279	\$14,448	\$3,270,766	8,345	-31.5	75.2	-10.5	20.3
	1902	2,478,463	1,476,134	12,714	15,154	4,359,154	3,592				
New Hampshire.....	1909	479,840	155,358	4,271	9,246	1,308,597	3,771	11.6	80.1	11.2	44.1
	1902	875,465	134,128			1,176,312	2,617				
Vermont.....	1909	4,899,739	1,396,827	85,632	64,983	8,471,725	25,916	40.4	-15.7	43.5	73.0
	1902	5,490,476	1,075,143	101,546		5,904,705	14,979				
Massachusetts.....	1909	2,516,534	854,090	58,589	18,637	4,332,218	15,620	-8.1	32.2	-3.7	39.8
	1902	2,739,230	727,665	44,325	1,853	4,499,401	11,170				
Connecticut.....	1909	1,000,409	474,711	20,176	13,121	1,928,965	6,468	11.1	13.0	40.6	-18.8
	1902	960,614	225,813	17,855		1,372,144	7,965				
MIDDLE ATLANTIC:											
New York.....	1909	5,693,286	2,647,861	468,646	374,435	13,549,494	102,540	26.0	31.0	43.0	60.3
	1902	4,517,851	1,627,489	357,337	350,663	9,682,457	63,953				
New Jersey.....	1909	3,155,929	1,067,226	101,523	40,709	8,548,558	18,390	38.6	-7.8	111.5	41.4
	1902	2,777,852	892,050	110,163	110,770	4,042,947	15,008				
Pennsylvania.....	1909	205,684,971	51,202,196	15,358,822	5,632,794	331,376,718	1,627,445	68.3	43.2	46.2	46.0
	1902	162,041,866	29,062,086	10,722,510	5,598,074	226,641,178	1,114,526				
EAST NORTH CENTRAL:											
Ohio.....	1909	30,226,878	8,850,679	3,668,862	2,745,089	59,931,837	298,635	18.6	-12.4	6.4	46.1
	1902	25,479,977	9,836,370	4,190,544	2,692,557	56,340,184	305,341				
Indiana.....	1909	16,002,359	2,537,423	538,475	285,259	22,324,647	86,929				
	1902	11,819,807	3,389,898	1,807,948	2,159,980	20,896,393	120,511				
Illinois.....	1909	49,838,660	9,974,037	3,579,960	2,360,424	77,214,343	226,124	74.6	654.5	106.6	155.5
	1902	28,539,154	3,315,552	474,475	29,016	37,377,226	88,500				
Michigan.....	1909	29,344,447	11,889,749	4,048,981	427,695	64,358,299	271,801	37.9	75.2	35.3	47.5
	1902	21,277,447	8,637,172	2,311,479	77,047	48,022,962	184,278				
Wisconsin.....	1909	3,839,877	1,664,543	445,191	39,020	8,575,402	26,848	79.0	85.4	101.4	123.5
	1902	2,145,491	787,253	240,110	3,758	4,257,685	12,011				
WEST NORTH CENTRAL:											
Minnesota.....	1909	13,592,568	8,994,544	10,732,309	2,157,108	58,975,781	152,153	97.4	191.7	130.2	434.0
	1902	6,887,017	2,839,332	3,678,964	339,244	25,620,677	28,492				
Iowa.....	1909	11,461,923	1,561,553	3,490,470	40,791	13,979,453	23,528	57.5	58.3	44.7	60.4
	1902	7,274,272	861,414	220,698	48,106	9,659,330	14,673				
Missouri.....	1909	15,667,995	7,671,069	1,855,492	135,384	30,378,747	109,971	56.9	39.8	49.8	137.1
	1902	9,989,027	2,856,858	1,398,827	172,514	20,270,481	46,384				
North Dakota.....	1909	426,910	108,187	10,647	1,325	564,812	2,025	14.8	656.7	73.3	141.3
	1902	231,014	86,467	1,407	2,795	322,967	839				
South Dakota.....	1909	3,446,044	1,406,405	4,776	50	6,415,758	15,448	-4.1	45.3	-4.2	27.6
	1902	3,593,242	1,962,937	8,736	406	6,697,797	12,265				
Nebraska.....	1909	186,582	57,493	1,551	5,494	322,517	815	79.5	88.4	117.3	175.3
	1902	103,936	11,173	823		148,391	296				
Kansas.....	1909	10,351,532	1,917,384	1,665,819	88,169	18,586,812	67,403	75.0	355.8	93.0	288.8
	1902	5,915,006	1,218,192	382,181	207,708	9,526,050	17,472				
SOUTH ATLANTIC:											
Delaware.....	1909	287,742	178,432	4,392	5,800	516,213	1,490	14.8	-72.9	15.1	6.0
	1902	250,669	45,361	16,187		448,467	1,396				
Maryland.....	1909	3,816,561	714,571	136,772	11,148	8,164,122	19,060	-18.7	-3.4	-13.9	53.7
	1902	4,696,290	1,937,796	141,579	8,499	7,162,139	449				
Virginia.....	1909	5,501,589	1,855,201	421,863	119,043	8,969,920	35,554	41.9	32.3	43.3	128.8
	1902	3,876,558	837,287	318,763	35,964	6,280,148	15,539				
West Virginia.....	1909	38,177,028	12,801,951	7,796,597	4,907,288	73,452,935	417,282	91.8	101.2	51.8	73.7
	1902	16,905,757	8,814,707	3,874,739	5,184,279	48,862,664	290,170				
North Carolina.....	1909	1,005,826	268,315	21,412	3,340	1,402,765	6,225	67.6	7.2	51.7	66.2
	1902	599,959	118,494	19,971	9,000	924,676	3,746				
Georgia.....	1909	1,465,562	415,841	59,317	1,187	2,624,741	10,848	17.2	41.2	-5.0	15.7
	1902	1,275,932	556,229	42,068	1,222,619	3,080,287	9,373				
Florida.....	1909	2,870,113	1,992,490	197,792	217,691	8,915,141	42,375	118.9	50.4	202.8	309.1
	1902	1,310,898	618,057	131,493	4,021	2,943,806	10,357				
EAST SOUTH CENTRAL:											
Kentucky.....	1909	8,800,326	1,337,544	422,702	165,913	12,100,005	53,480	51.7	170.0	45.7	186.3
	1902	5,802,221	1,110,251	150,562	219,627	8,204,706	18,882				
Tennessee.....	1909	8,054,131	1,638,019	618,177	43,623	11,803,400	34,376	46.9	49.2	27.4	186.3
	1902	5,483,714	835,734	414,367	174,496	9,268,074	12,007				
Alabama.....	1909	14,903,631	3,067,943	333,148	767,035	22,494,204	92,647	33.0	70.8	30.4	237.7
	1902	11,275,928	1,995,942	186,045	207,279	17,247,992	27,453				
WEST SOUTH CENTRAL:											
Arkansas.....	1909	3,325,154	585,357	194,179	111,974	4,764,784	14,217	55.6	375.7	67.8	92.2
	1902	2,137,067	244,379	40,818	890	2,840,341	7,896				
Louisiana.....	1909	1,199,657	1,586,427	496,198	60,310	6,539,830	8,446	2,757.9	2,038.1	2,241.3	90.2
	1902	41,938	2,354	916	105,828	3,379,327	4,440				
Texas.....	1909	4,696,727	2,197,036	918,608	130,778	11,095,588	32,537	67.9	211.9	64.7	204.2
	1902	2,797,146	964,937	294,530	1,384,548	6,737,696	10,037				
MOUNTAIN:											
Idaho.....	1909	4,444,259	2,225,762	27,632	22,665	8,749,560	26,363	-0.8	-1.7	6.5	41.0
	1902	4,480,194	1,626,153	28,103	48,442	8,214,671	18,703				
Colorado.....	1909	19,989,925	7,273,927	1,017,847	123,828	38,397,859	98,777	-7.2	-4.4	-2.7	18.0
	1902	21,518,169	6,969,796	1,064,653	398,985	40,508,286	83,039				
All other*.....	1909	58,354,586	27,242,261	835,478	582,219	122,159,446	274,258	88.1	66.8	92.2	130.4
	1902	31,031,092	11,794,342	500,982	333,504	63,347,955	119,032				
PACIFIC:											
Washington.....	1909	6,342,392	1,196,670	141,231	23,849	10,826,503	20,987	56.1	149.7	100.7	76.2
	1902	4,063,773	615,807	56,558	29,600	5,393,659	11,910				
Oregon.....	1909	854,979	296,489	16,935	3,240	1,237,292	8,070	-30.0	-72.0	-40.7	114.6
	1902	1,222,178	408,112	60,499	19,522	2,087,589	3,761				
California.....	1909	21,439,290	20,463,052	2,846,526	496,568	59,012,948	155,115	66.9	310.3	106.3	123.1
	1902	12,842,486	5,533,935	685,982	520,894	28,611,307	69,532				

¹ Exclusive of governmental institutions, and of the coke and cement industries, but including figures for the lime industry.² Exclusive of duplications resulting from the use of products of some other enterprises as materials for others within the same industry.³ A minus sign (-) denotes decrease.⁴ Includes a small production of bituminous coal for Georgia.⁵ Embraces Arizona, Montana, Nevada, New Mexico, Utah, and Wyoming.

INDUSTRIES AND STATES.

559

PRODUCING MINES, QUARRIES, AND WELLS¹—COMPARATIVE SUMMARY FOR THE UNITED STATES, BY INDUSTRIES: 1909 AND 1902.

Table 26

INDUSTRY.	Census.	PRINCIPAL EXPENSES OF OPERATION AND DEVELOPMENT.				Value of products. ²	Primary horsepower.	PER CENT OF INCREASE. ³			
		Salaries and wages.	Supplies, materials, and fuel. ²	Royalties and rent of mines.	Contract work. ³			Salaries and wages.	Royalties and rent of mines.	Value of products.	Horsepower.
All Industries⁴.....	1909	\$225,810,068	\$208,771,046	\$82,456,760	\$24,691,998	\$1,175,475,001	4,556,170	55.9	81.2	52.4	71.0
	1902	401,225,547	114,515,832	34,476,227	20,638,127	1,771,468,928	2,663,964				
FUELS:											
Coal, total.....	1909	399,697,241	72,043,898	20,016,639	3,893,257	550,513,866	1,904,154	68.3	69.6	50.2	109.4
	1902	237,557,596	37,517,821	11,799,559	1,650,535	366,642,615	909,160				
Anthracite.....	1909	96,909,963	26,697,966	7,980,739	1,701,514	149,180,471	676,753	132.8	83.1	95.8	62.7
	1902	41,623,406	12,740,780	4,539,655	406,421	76,173,586	410,012				
Bituminous.....	1909	302,796,278	45,345,932	12,035,900	2,191,743	401,333,395	1,227,401	54.5	61.8	38.2	148.9
	1902	185,934,190	24,777,041	7,440,508	1,244,114	290,468,429	495,148				
Petroleum and natural gas.....	1909	34,333,531	41,391,608	21,282,820	15,760,864	17,527,807	1,221,969	63.8	85.7	72.0	21.1
	1902	20,962,116	24,320,573	11,463,788	17,389,696	102,034,590	1,008,710				
METALS:											
Iron.....	1909	33,121,418	17,229,717	15,174,735	2,698,842	106,947,082	348,534	40.1	133.3	63.4	233.3
	1902	23,641,599	8,973,168	6,503,908	422,044	63,460,985	103,974				
Copper.....	1909	45,060,017	23,104,451	259,245	406,999	99,493,799	297,769	96.6	99.1	94.4	54.1
	1902	22,919,861	11,083,175	130,215	188,768	51,178,036	193,272				
Precious metals, total.....	1909	37,766,098	22,075,916	1,305,701	318,303	87,671,533	225,244				
	1902	41,154,265	16,669,768	1,423,399	626,090	82,482,052	181,819				
Deep mines.....	1909	34,665,751	19,205,870	1,163,985	225,147	77,434,301	200,966	-11.1	-8.9	0.4	15.5
	1902	39,011,089	15,908,782	1,277,632	606,137	77,154,528	173,991				
Placer mines.....	1909	3,107,047	2,970,046	141,716	93,156	10,237,232	124,278			92.2	181.2
	1902	2,143,176	790,986	145,767	19,853	5,327,726	10,858				
Lead and zinc.....	1909	11,190,925	6,895,892	2,301,850	166,985	28,568,547	109,544	117.1	50.9	95.7	178.2
	1902	5,155,598	2,511,657	1,525,368	108,607	14,600,177	39,374				
Quicksilver.....	1909	486,125	185,378	5,398	4,197	868,458	486	-33.1	-26.3	-44.0	-26.1
	1902	1,035,494	322,267	7,078	23,164	1,550,090	1,748				
Manganese.....	1909	17,088	3,959			20,435	175	-79.7		-88.5	-50.6
	1902	84,319	17,228	1,996		177,911	354				
Tungsten.....	1909	211,486	94,203	1,375	2,400	563,457	486				
	1902	1,260	210			5,975	220				
STRUCTURAL MATERIALS:											
Limestone.....	1909	22,860,012	11,962,659	549,096	254,312	47,784,479	152,651	38.6	29.9	57.8	141.6
	1902	16,496,501	5,378,932	422,693	36,381	30,278,577	63,182				
Granite and traprock.....	1909	15,067,785	3,976,162	476,850	123,808	24,576,293	90,306	23.8	144.7	36.2	94.5
	1902	12,168,784	2,447,761	194,802	49,441	18,242,648	44,741				
Sandstone.....	1909	5,352,818	1,389,149	154,513	44,340	9,290,829	36,556	-23.7	-24.4	-15.2	32.6
	1902	7,011,437	1,328,466	204,517	600	10,954,634	27,575				
Marble.....	1909	3,462,130	806,016	47,911	27,344	6,239,120	21,779	35.6	-26.7	23.7	53.8
	1902	2,553,861	828,838	65,385	1,000	4,052,530	14,611				
Slate.....	1909	4,494,132	882,558	271,252	28,962	6,054,174	29,777	28.0	0.7	6.3	17.8
	1902	3,512,338	680,361	269,267		5,696,051	25,269				
MISCELLANEOUS:											
Asbestos.....	1909	41,329	23,520	45	400	65,140	350	279.9			41.0
	1902	10,460	8,235			16,290	265				
Asphaltum and bituminous rock.....	1909	173,106	79,757	1,517	15,546	406,461	828	35.4	-46.9	97.0	15.0
	1902	127,803	21,928	2,856	10,060	236,728	470				
Barytes.....	1909	110,449	38,224	3,276	2,526	224,766	262	-24.0	-47.9	10.6	138.2
	1902	145,444	7,772	27,300	1,000	262,150	110				
Bauxite.....	1909	230,759	5,289	6,909	969	670,829	1,565	148.1	230.6	423.2	150.8
	1902	92,992	40,019	2,090	902	128,206	624				
Buhrstones and millstones.....	1909	16,850	508	271		34,441		-61.9	-57.4	-42.4	
	1902	44,244	1,869	636		104,038					
Clay.....	1909	1,586,519	389,342	85,403	44,318	2,945,948	8,808	43.0	43.8	42.9	122.5
	1902	1,109,397	272,823	59,387	13,241	2,061,072	3,985				
Corundum and emery.....	1909	4,719	260	708		18,185		-87.8	-35.1	-82.6	
	1902	38,831	26,114	1,051		132,820	420				
Feldspar.....	1909	135,356	56,744	9,238	8,681	271,437	993	6.1	-12.7	8.4	-17.5
	1902	127,539	50,278	10,584		250,424	204				
Fluorspar.....	1909	183,118	59,109	1,917	849	288,509	1,179	40.6	-75.7	4.7	76.2
	1902	137,713	34,374	7,900	300	275,682	669				
Furner's earth.....	1909	186,979	83,807	582	67	315,762	1,739	258.6		221.7	278.0
	1902	43,775	28,906	6,850		98,144	460				
Garnet.....	1909	44,654	25,286			101,920	315	-35.1	410.8	-23.3	-25.0
	1902	68,810	10,128	1,341		132,820	420				
Graphite.....	1909	186,083	105,523	9,755	4,000	344,150	2,647	94.5	1,008.7	51.3	244.2
	1902	95,653	51,840	520	900	227,508	769				
Grindstones and pulpsstones.....	1909	174,268	114,032	3,348	25,597	413,296	1,648	54.7	67.1	-38.1	33.4
	1902	112,460	37,781	2,003		267,431	1,255				
Gypsum.....	1909	2,377,766	1,569,117	74,916	16,555	5,812,810	17,685	123.9	50.1	178.2	141.6
	1902	1,059,678	341,760	49,912	406	2,089,341	7,319				
Infusorial earth, tripoli, and pumice.....	1909	67,162	23,619	3,587	2,430	172,157	581	279.2	241.6	207.5	41.7
	1902	17,628	2,297	1,030		55,004	410				
Marl.....	1909	15,512	2,888			18,307	105	96.7			110.0
	1902	6,869	2,755			12,741	50				
Mica.....	1909	139,188	22,769	5,684		206,794	463	142.1	80.9	74.0	150.3
	1902	57,487	11,781	3,142		118,809	185				
Mincral pigments.....	1909	448,700	217,262	7,048	15,288	1,511,015	849	-61.9	-74.0	-58.2	-52.6
	1902	159,680	58,073	13,326		360,885	1,790				
Oolites, scythestones, and whetstones.....	1909	74,967	11,558	1,061	6,622	206,028	498	74.0	123.4	80.8	132.1
	1902	43,077	7,662			138,450	185				
Phosphate rock.....	1909	3,865,611	2,256,025	345,568	251,849	10,781,192	50,526	66.6	62.7	119.0	257.2
	1902	2,285,297	799,414	212,550	157,402	4,922,943	14,144				
Precious stones.....	1909	134,541	31,461			315,464	109	15.5			-27.3
	1902	116,704	17,781			328,450	150				
Quartz.....	1909	81,406	19,592	7,638	16,351	281,025	1,219	16.4	-61.3	23.3	60.4
	1902	81,406	19,592	7,638		187,294	760				
Sulphur and pyrite.....	1909	898,208	1,180,447	857	3,091	5,109,590	8,872	100.2	-87.4	439.4	49.5
	1902	448,700	217,262	7,048	3,587	9,335	5,335				
Talc and soapstone.....	1909	607,128	262,393	31,287	3,550	1,174,516	9,433	77.1	-0.2	3.2	139.1
	1902	342,796	125,932	31,364		1,138,167	3,945				

¹ Exclusive of governmental institutions and of the coke and cement industries, but including figures for the lime industry.
² Exclusive of duplications resulting from the use of the products of some enterprises as materials for others within the same industry.
³ Exclusive of the amount paid to miners compensated by a share of the product for both years, and also of the wages of part-time employees for the petroleum and natural gas industry for 1909, which are included under "Contract work" in other tables for 1909.
⁴ A minus sign (-) denotes decrease.
⁵ The totals for all industries include, besides those specified, a few industries which could not be separately shown without disclosing the operations of individual operators. The value of products of those industries was less than 0.1 per cent of the total for all industries in 1909 and 0.3 per cent in 1902.

PRODUCING MINES, QUARRIES, AND WELLS—CAPITAL, EXPENSES, VALUE OF PRODUCTS, PERSONS ENGAGED

Table 27 DIVISION AND STATE.		EXPENSES OF OPERATION AND DEVELOPMENT.										
		Number of operators.	Number of mines and quarries.	Number of wells.	Capital.	Total.	Services.			Supplies, materials, and fuel.		
							Salaried officers of corporations, superintendents, and managers.	Clerks and other salaried employees.	Wage earners.	Supplies and materials.	Purchased ore and natural gas (duplication in product).	Fuel and rent of power.
1	United States.	19,135	18,164	166,320	\$3,380,525,841	\$1,042,642,693	\$323,823,748	\$20,569,803	\$566,774,079	\$173,411,438	\$29,318,316	\$45,136,550
GEOGRAPHIC DIVISIONS:												
2	New England:											
3	Maine.....	510	586		27,950,080	14,696,118	603,790	233,492	9,814,166	1,487,736		7,327,714
4	Middle Atlantic:	6,333	3,903	71,122	919,992,103	315,473,663	8,902,471	5,961,915	204,992,523	4,736,970	3,164,839	7,577,620
5	East North Central:	4,152	2,662	56,379	469,041,901	200,211,992	5,986,949	3,434,660	118,672,711	28,174,361	5,656,650	7,399,712
6	West North Central:	2,309	2,603	3,430	321,737,330	101,630,234	1,789,303	50,566,348	1,919,303	15,605,388	5,190,554	5,190,869
7	South Atlantic:	1,333	1,832	15,146	341,038,471	99,131,345	3,463,174	2,297,740	43,886,136	14,722,485	803,664	3,418,865
8	East South Central:	830	1,109	1,110	145,688,421	-6,133,257	2,217,997	1,413,822	29,443,806	5,286,232	170,135	1,912,689
9	West South Central:	1,229	432	14,700	110,080,029	40,200,158	1,647,442	502,375	15,071,673	7,022,941	173,100	1,505,758
10	Mountain.....	1,972	3,728	97	709,074,649	166,586,458	4,363,504	3,004,691	82,083,073	32,190,652	14,577,714	14,509,236
11	Pacific.....	1,533	1,610	4,316	275,819,077	61,589,468	8,481,872	366,496	25,645,841	10,819,473	2,762,660	3,118,807
NEW ENGLAND:												
12	Maine.....	97	102		3,825,861	1,876,341	87,779	31,847	1,332,242	219,579		84,683
13	New Hampshire.....	45	33		9,445,303	1,204,966	45,619	7,869	926,352	100,051		54,427
14	Vermont.....	137	182		13,992,096	6,795,248	227,650	142,587	4,449,315	965,137		362,438
15	Massachusetts.....	139	147		5,054,093	2,987,175	153,663	59,675	1,996,997	363,698		153,258
16	Rhode Island.....	21	27		567,015	673,877	29,948	27,941	409,883	150,945		26,994
17	Connecticut.....	71	75		2,964,442	1,158,491	59,111	25,573	729,377	127,424		71,917
MIDDLE ATLANTIC:												
18	New York.....	1,551	752	11,342	45,171,252	9,987,768	495,776	212,089	4,717,595	1,886,937	65,656	583,161
19	New Jersey.....	131	151		8,613,643	4,507,940	183,690	79,491	2,501,066	674,962		319,329
20	Pennsylvania.....	4,851	3,000	59,780	866,207,308	300,977,955	7,387,005	5,670,335	197,473,862	45,175,071	3,099,183	6,423,190
EAST NORTH CENTRAL:												
21	Ohio.....	1,876	964	35,067	161,324,529	53,852,530	1,749,762	1,025,222	26,769,229	7,360,280	5,376,075	892,671
22	Indiana.....	1,010	480	10,373	59,764,947	20,312,732	736,347	365,174	14,782,488	1,823,904	22,595	551,821
23	Illinois.....	915	759	10,918	116,939,707	68,718,121	2,058,102	1,054,553	46,378,727	8,472,837	101,980	1,325,880
24	Michigan.....	83	173	21	119,331,387	51,819,838	1,253,559	917,993	27,690,908	9,800,415		4,163,547
25	Wisconsin.....	268	286		11,660,731	5,508,731	186,724	71,748	3,081,359	721,925	156,000	433,939
WEST NORTH CENTRAL:												
26	Minnesota.....	153	230		176,950,369	38,574,180	694,277	874,463	11,907,049	6,736,806		2,024,696
27	Iowa.....	373	431		8,841,483	13,094,714	320,951	220,024	10,870,446	1,207,919		2,231,740
28	Missouri.....	1,021	1,224	39	60,549,081	27,515,101	993,190	281,730	14,393,520	4,300,342	1,471,533	2,220,657
29	North Dakota.....	53	53	6	1,038,449	570,140	34,372	28,217	304,321	95,352		12,015
30	South Dakota.....	39	43	5	32,097,934	5,154,263	113,100	94,028	3,224,075	1,054,532	55,199	421,048
31	Nebraska.....	18	29		9,885,112	1,416,075	12,900	425	189,937	35,474		22,419
32	Kansas.....	643	582	3,402	41,797,329	15,831,737	401,336	287,096	9,636,350	1,645,163	392,862	267,964
SOUTH ATLANTIC:												
33	Delaware.....	9	9		959,078	508,997	61,900	8,115	217,727	152,054		26,378
34	Maryland.....	126	173		25,169,678	5,006,137	196,699	131,838	3,339,682	478,555		104,156
35	Virginia.....	150	244		55,992,630	8,863,934	357,255	253,966	5,229,787	1,173,396		484,527
36	West Virginia.....	738	718	15,146	219,495,909	71,847,631	1,631,267	35,980,736	11,047,711	893,664		1,242,825
37	North Carolina.....	118	139		9,885,112	1,416,075	12,900	425	189,937	35,474		103,319
38	South Carolina.....	29	32		1,269,390	1,034,823	55,065	27,175	626,429	124,618		117,899
39	Georgia.....	92	109		11,475,710	2,064,236	146,888	43,018	1,278,159	254,021		146,666
40	Florida.....	36	96		20,794,901	5,909,532	366,194	129,655	2,350,854	798,946		1,223,035
EAST SOUTH CENTRAL:												
41	Kentucky.....	437	442	1,109	26,786,640	11,721,722	667,739	297,409	7,827,514	1,322,406		218,489
42	Tennessee.....	216	363	1	35,819,977	11,969,257	609,021	373,207	7,358,583	1,571,612	41,959	845,376
43	Alabama.....	177	302		88,081,594	22,442,278	941,207	737,146	14,257,709	2,042,214	128,176	1,048,824
WEST SOUTH CENTRAL:												
44	Arkansas.....	96	146	62	7,200,417	4,509,211	162,502	75,963	3,026,140	368,207		193,987
45	Louisiana.....	33	2	246	13,207,232	6,641,555	148,386	176,645	872,627	859,456	7,200	726,971
46	Oklahoma.....	964	212	12,113	70,696,411	21,071,609	972,829	389,728	7,775,413	4,897,167		384,186
47	Texas.....	236	92	2,279	19,576,969	8,177,783	363,725	178,037	3,997,495	1,798,102	35,313	2,655,614
MOUNTAIN:												
48	Montana.....	373	543		145,135,510	46,530,545	718,596	694,477	21,361,406	9,837,503	6,559,820	3,628,500
49	Idaho.....	174	370		48,892,888	7,198,763	269,251	88,627	4,045,547	1,847,453		356,199
50	Wyoming.....	65	95	21	9,385,363	9,033,467	255,635	191,772	6,206,787	1,385,594		376,187
51	Colorado.....	672	1,575	76	144,639,538	38,630,288	1,441,899	671,071	15,463,296	5,459,666	4,930,144	1,955,984
52	New Mexico.....	98	285		40,126,674	5,553,423	234,187	3,529,356	805,487			203,083
53	Arizona.....	135	351		119,727,781	28,608,216	577,883	440,295	13,502,760	5,539,367	1,370,391	5,603,989
54	Nevada.....	188	335		81,000,049	16,006,028	435,223	442,294	13,929,414	1,08,910		1,074,119
55	Nevada.....	366	374		120,002,530	14,415,728	610,848	265,208	5,925,070	3,373,163	1,610,449	1,311,625
PACIFIC:												
56	Washington.....	93	170		13,074,691	7,809,722	213,198	131,468	5,891,007	843,025		243,582
57	Oregon.....	116	161		9,166,534	1,223,468	91,387	33,446	705,192	186,796		96,592
58	California.....	1,329	1,279	4,316	253,577,552	52,565,278	2,177,287	791,492	19,049,442	18,789,652	2,762,660	2,775,643

1 Exclusive of duplications, 307 operators having reported in two or more states. Such duplications have not been excluded in the totals for the several geographic divisions.

2 Includes \$59,468,780 which could not be distributed among the several states.

3 In some cases the same operator conducted enterprises in two or more states, all such enterprises being managed through one central administrative office. In such cases it was impossible to assign the corporate officers and the central office force to any particular state; this was also the case in respect to contract work and taxes which were reported in a lump sum for all properties. The total central office expenses were accordingly apportioned among the several states pro rata to the total expenses reported for each state and the estimated amounts of such administrative expenses were added to "Sundry expenses." In the totals for the United States, however, the number of officers and salaried employees, as well as their salaries, and the amount of contract work and taxes, appear under the proper heads. This amounts thus included in the item of "Sundry expenses" for individual states and distributed in the totals for the United States are as follows: Officers, \$92,899; clerks, \$645,399; taxes, \$142,240; and contract work, \$61,801.

INDUSTRIES AND STATES.

1,561

IN MINING INDUSTRIES, LAND CONTROLLED, AND POWER, FOR THE UNITED STATES, BY STATES: 1909.

	EXPENSES OF OPERATION AND DEVELOPMENT—contd.				PERSONS ENGAGED IN MINING INDUSTRIES.										
	Miscellaneous.				Value of products.	Aggregate.	Proprietors and officials.					Clerks and other salaried employees.	Wage earners Dec. 15, or nearest representative day.	Land controlled (acres).	Primary horse-power.
	Royalties and rent of mines.	Taxes.	Contract work.	Reit of offices and other sundry expenses.			Total.	Proprietors and firm members.	Salaried officers of corporations, superintendents, and managers.						
1	\$63,973,585	\$17,796,763	\$28,887,898	\$43,950,513	\$1,238,410,322	1,139,332	49,374	29,922	19,452	24,475	1,065,283	24,215,611	4,608,253		
2	185,657	154,836	110,705	932,052	17,227,242	19,590	938	515	423	398	18,254	67,575	61,259		
3	15,945,007	5,920,809	6,333,563	9,823,286	370,742,282	427,091	16,325	11,320	4,805	7,829	402,937	5,874,701	1,738,617		
4	12,335,880	3,332,106	6,154,644	9,059,774	237,534,170	229,255	11,301	7,451	3,850	4,294	213,660	4,139,440	913,857		
5	14,718,304	3,280,168	2,762,943	3,197,022	130,252,538	95,637	5,230	3,547	1,683	1,949	88,458	1,425,461	370,390		
6	8,639,760	1,307,777	4,862,717	6,689,087	165,714,462	124,512	3,509	1,350	2,159	2,997	118,066	6,503,321	536,648		
7	1,373,324	376,047	1,066,600	2,832,265	49,143,289	75,934	2,184	501	1,683	1,964	70,836	2,368,739	179,650		
8	4,391,962	456,134	2,469,045	5,159,726	47,530,937	31,387	2,156	1,056	1,100	979	28,252	1,844,933	149,602		
9	3,410,506	2,143,200	4,308,511	5,497,371	205,053,900	99,711	4,158	2,023	2,135	2,451	93,072	1,022,459	467,184		
10	2,972,425	683,456	617,309	2,532,139	75,111,522	36,171	3,263	1,959	1,304	1,120	31,788	968,982	191,030		
11	16,302	16,241	6,728	80,940	2,056,063	2,686	168	98	70	47	2,471	11,655	8,141		
12	4,271	5,251	9,246	51,000	1,308,397	1,010	75	42	33	15	1,520	7,979	3,771		
13	84,332	72,147	64,068	489,944	8,221,323	8,901	311	160	151	202	8,388	35,357	25,667		
14	55,409	40,187	16,272	177,996	3,467,888	3,805	222	121	101	75	3,508	8,077	15,031		
15	8,552	3,343	3,343	36,272	87,006	737	37	18	19	23	677	6,509	2,350		
16	16,771	17,657	13,761	98,900	1,375,765	1,851	125	76	49	36	1,090	3,878	6,298		
17	465,454	173,989	513,042	872,069	13,334,975	14,230	2,641	2,294	347	286	11,303	495,579	101,759		
18	101,026	47,354	41,839	256,533	8,347,501	7,176	227	96	131	148	6,801	26,809	18,048		
19	15,379,127	5,694,646	5,076,022	8,694,584	349,039,786	405,683	13,457	9,130	4,327	7,385	384,833	5,332,313	1,618,806		
20	3,667,382	856,766	2,950,544	3,184,599	63,767,112	62,874	4,333	3,064	1,269	1,356	57,185	2,135,777	294,763		
21	595,274	176,309	295,982	962,798	21,934,201	31,292	3,259	2,628	631	474	27,559	322,176	95,039		
22	3,579,472	287,460	3,276,956	3,082,154	76,658,974	86,389	2,643	1,425	1,218	1,310	82,436	990,359	225,330		
23	4,048,660	1,948,756	470,265	1,524,079	67,714,479	42,133	680	118	562	1,056	40,367	432,602	273,861		
24	445,146	62,755	40,957	360,144	7,459,404	6,567	386	216	170	98	6,083	38,496	24,864		
25	10,731,959	2,824,161	2,157,108	623,751	58,664,852	19,596	547	109	378	935	18,114	337,792	151,834		
26	249,440	43,574	40,836	319,784	13,877,761	19,304	668	423	245	226	19,010	81,458	23,453		
27	1,954,092	188,086	162,684	1,149,797	31,667,555	29,462	2,450	1,783	667	330	29,476	339,677	169,672		
28	10,647	4,300	1,325	18,771	664,812	960	79	51	28	21	860	34,665	2,025		
29	4,776	102,063	50	84,843	6,432,417	3,987	75	31	44	46	3,866	31,033	15,648		
30	1,551	414	5,893	8,416	3,322,517	527	28	16	12	8	491	1,038	515		
31	1,666,839	147,570	393,947	991,660	18,722,934	18,201	1,383	1,074	309	377	16,441	508,808	66,943		
32	4,392	1,624	5,800	30,947	516,213	671	30	9	21	13	628	642	1,450		
33	133,786	88,559	8,303	524,666	5,782,045	8,201	279	101	178	177	7,745	109,419	18,118		
34	418,353	150,074	119,028	675,098	8,795,646	17,596	329	165	243	374	16,893	294,416	34,630		
35	7,796,172	965,443	4,465,926	4,556,270	76,287,889	82,808	2,236	909	1,327	2,168	78,044	5,569,353	416,282		
36	20,212	7,565	37,886	109,075	1,358,617	3,094	231	165	66	38	2,825	75,296	6,062		
37	10,336	10,783	6,480	5,838	1,252,792	2,079	45	13	32	20	2,014	47,839	7,012		
38	58,717	13,236	1,963	121,628	2,874,585	4,267	186	58	128	67	4,014	136,129	10,698		
39	197,792	70,493	217,961	614,962	5,846,665	5,796	173	9	164	140	5,483	276,167	42,366		
40	422,579	96,122	184,963	684,561	12,100,075	23,393	870	338	532	490	22,033	710,636	53,203		
41	617,067	94,575	54,372	597,395	12,692,547	18,968	482	87	395	458	18,028	807,131	34,523		
42	338,528	185,350	767,385	1,550,439	24,350,667	32,643	832	76	756	1,016	30,795	850,972	91,924		
43	193,990	18,084	117,195	268,141	4,603,845	6,739	215	75	140	102	6,422	110,526	14,080		
44	466,198	62,501	62,440	3,222,131	6,547,050	1,163	131	72	59	79	853	102,251	8,445		
45	2,783,975	308,216	2,137,314	1,312,185	25,637,892	15,842	1,349	648	701	573	13,920	1,211,893	95,074		
46	917,799	62,333	152,096	417,269	10,742,150	7,643	461	261	200	225	6,957	420,263	32,003		
47	1,822,575	453,386	394,499	1,049,933	54,991,961	21,791	769	504	265	519	20,503	119,642	174,849		
48	27,632	158,145	23,036	382,868	8,649,342	3,940	284	169	115	64	3,592	48,920	26,278		
49	107,834	61,499	61,542	346,707	10,572,188	8,983	306	202	104	178	8,499	85,550	30,338		
50	1,017,447	542,972	2,896,083	1,454,756	45,680,132	26,793	1,171	647	764	603	24,769	235,375	98,777		
51	78,995	40,410	132,535	318,423	5,587,744	6,112	210	86	124	220	5,682	397,174	15,042		
52	8,256	431,829	238,982	874,462	34,217,651	14,104	301	160	201	352	13,451	44,217	47,272		
53	111,929	265,066	771,310	601,912	22,083,282	11,735	390	102	285	341	11,004	74,650	47,226		
54	275,536	243,129	196,768	691,912	23,271,597	6,263	487	213	274	204	5,572	35,441	26,862		
55	141,231	93,343	14,462	226,886	10,537,556	7,533	162	48	114	148	7,343	107,689	20,742		
56	16,935	12,117	12,117	12,117	62,512	1,162	112	62	512	38	1,087	13,708	8,445		
57	2,814,259	576,946	595,130	2,232,767	63,382,454	27,219	2,827	1,799	1,128	934	23,378	827,285	162,238		

* The following numbers of persons, which could not be distributed by states, are included under the proper headings in the United States totals: Aggregate, 974; salaried officers of corporations, superintendents, and managers, 310; and clerks, 664.

PRODUCING MINES, QUARRIES, AND WELLS—LAND CONTROLLED, CAPITAL, EXPENSES, VALUE OF PRODUCTS,

INDUSTRY.	Number of operators.	Number of mines, quarries, and wells.	Land controlled (acres).	Capital.	EXPENSES OF OPERATION AND DEVELOPMENT.					
					Total.	Services.			Supplies, materials, and fuel.	
						Salaried officers of corporations and other superintendents and managers.	Clerks and other salaried employes.	Wage earners.	Supplies and materials.	Purchased ore and natural gas (duplication in product).	Fuel and rent of power.
All Industries (U. S.)	19,915	24,215,611	\$3,380,525,841	\$1,042,842,633	\$22,823,748	\$20,569,803	\$588,774,079	\$173,411,438	\$29,318,316	\$45,136,550
FUELS:										
Coal, anthracite	192	423	465,134	246,928,078	139,324,467	2,317,223	2,266,081	92,317,659	23,504,740	3,193,226
Coal, bituminous	3,533	6,013	7,717,615	1,062,197,983	395,967,026	12,724,418	9,076,477	294,196,488	40,064,899	7,509,947
Petroleum and natural gas	7,793	166,320	12,694,838	685,298,457	135,638,644	4,848,224	2,393,657	27,001,650	39,947,013	1,444,595
Peat	10	10	1,620	318,024	96,034	17,178	3,018	40,313	6,490	17,974
METALS:										
Iron	176	483	1,313,214	300,735,917	74,071,830	1,749,989	1,639,973	29,731,456	12,597,428	4,632,280
Copper	161	368	275,598	301,896,296	107,079,212	1,928,167	1,785,361	49,382,979	23,718,373	13,324,137
Precious metals—										
Deep mines	1,604	2,845	374,685	443,715,258	68,764,692	2,816,906	980,474	30,868,371	14,100,617	5,105,253
Placer mines	678	880	213,578	56,840,870	8,910,482	359,376	71,307	2,669,374	2,194,444	673,602
Lead and zinc	977	1,142	125,822	62,627,935	24,453,299	896,722	195,844	10,477,657	4,836,023	2,400,724
Quicksilver	12	12	22,837	2,718,812	178,861	63,441	15,140	407,543	100,847	54,531
Manganese	3	8	3,457	960,000	21,725	4,020	480	11,988	3,461	498
Tungsten	22	116	7,624	1,468,428	365,730	29,991	3,240	178,345	85,555	8,648
STRUCTURAL MATERIALS:										
Limestone	3,988	4,603	341,695	132,641,780	63,641,585	3,642,297	1,504,442	39,661,871	8,800,184	3,482,054
Granite	1,665	1,916	128,498	44,089,470	1,227,758	23,875,507	490,238	14,082,185	3,754,125	1,507,028
Sandstone	707	826	51,398	25,423,307	16,192,138	741,171	328,301	11,112,165	1,921,912	757,073
Marble	595	677	65,580	15,758,455	6,626,438	398,383	132,086	3,993,430	909,995	319,961
Slate	77	108	43,445	20,272,755	4,842,835	281,018	102,089	3,093,023	544,327	261,689
Trapprock	185	219	19,897	12,177,350	5,631,256	306,899	98,580	4,088,653	521,761	327,397
Bluestone	196	220	18,083	8,745,353	5,090,538	244,777	102,317	2,538,964	1,018,060	275,082
	563	637	14,795	1,299,789	1,182,873	53,052	8,446	7,087,511	130,014	29,219
MISCELLANEOUS:										
Asbestos	5	20	3,045	88,000	72,747	7,940	2,200	31,189	23,120	400
Asphaltum and bituminous rock	12	19	7,137	2,557,273	301,673	39,809	4,320	128,977	66,159	13,598
Barytes	23	42	14,079	472,751	176,967	13,023	6,560	90,310	21,756	6,468
Barite	10	10	1,214	3,053,414	316,221	24,878	7,608	198,273	21,665	33,624
Barytostones and millstones	14	14	5,066	9,685	18,354	225		16,625	483	25
Clay	261	336	39,053	6,780,077	2,289,198	180,863	44,024	1,361,622	280,953	108,389
Corundum and emery	4	6	1,553	316,999	7,459	1,044		3,675	260	36
Feldspar	22	28	3,356	503,769	238,986	25,367	3,836	106,633	40,832	15,892
Fluorspar	13	15	3,434	195,215	319,426	19,649	5,024	108,445	34,695	24,414
Fuller's earth	16	21	6,444	1,362,427	274,776	33,880	4,470	118,629	35,797	48,010
Garnet	3	4	5,036	181,538	98,206	3,550	900	40,204	19,491	5,795
Graphite	19	20	5,384	1,305,788	328,690	23,288	2,426	160,069	69,601	35,922
Grindstones	13	25	2,604	304,324	339,261	20,572	5,373	148,323	99,470	14,562
Gypsum	78	222	54,215	10,213,284	4,905,662	288,954	262,935	1,820,887	986,658	573,459
Infusorial earth	14	16	2,305	147,900	61,043	4,990	120	27,627	4,432	9,235
Macassarite	6	13	2,369	89,016	92,444	5,338	2,105	32,479	6,282	7,586
Marl	3	3	2,250	70,146	17,812	2,895	1,030	9,587	1,463	1,525
Mica	73	78	12,255	1,261,780	182,828	13,570	960	124,658	10,377	12,392
Mineral pigments	23	26	1,537	386,501	115,840	15,082	1,890	43,974	14,710	7,775
Monazite and zircon	4	4	30,550	63,000	50,000	3,100	600	5,046	1,750	779
Oolites, scythenstones, and whetstones.	21	45	3,928	247,475	99,259	4,083	1,000	69,884	4,957	6,001
Phosphate rock	51	153	340,697	30,642,656	7,421,430	430,523	160,467	3,215,661	898,657	1,360,368
Precious stones	23	27	2,858	701,945	185,908	36,169	2,760	85,972	30,449	1,012
Pumice	3	4	320	4,400	6,087		90	4,778	539	
Pyrite	11	12	9,179	1,717,410	734,355	34,573	20,329	408,419	152,143	71,537
Quartz	14	14	1,572	345,833	155,418	10,447	2,679	81,648	17,461	12,065
Sulphur	4	4	6,747	5,293,960	4,538,389	64,290	46,859	324,538	248,383	788,384
Talc and soapstone	39	46	11,576	8,659,744	1,636,371	71,334	31,678	504,116	196,054	66,339
Tripoli	4	7	874	170,800	42,493	6,000	840	22,657	7,407	2,006
ALL OTHER INDUSTRIES¹	10	27	27,843	6,891,550	740,874	38,950	12,066	373,269	125,340	138,929

¹ Includes \$4,876,095 which can not be distributed among the several industries.

² In some cases the same operator conducted two or more quarries producing different kinds of stone, all quarries being managed through one central administrative office. In such instances it was impossible to assign the corporate officers and the central office force to any particular quarry; this was also the case in respect to taxes, which were reported in a lump sum for all properties. The total central office expenses were accordingly apportioned among the several industries in proportion to the total expenses of each, and the estimated amounts of such administrative expenses were added to "Sundry expenses" for each industry. In the totals for "Structural materials," however, the number of officers and salaried employes, as well as their salaries, and the amount of taxes, appear under the proper heads. The amounts thus included in the item of "Sundry expenses" for individual industries and distributed in the totals for "Structural materials" are as follows: Officers, \$389,239; clerks, \$242,325; and taxes, \$27,767.

PERSONS ENGAGED IN MINING INDUSTRIES, AND POWER, FOR THE UNITED STATES, BY INDUSTRIES: 1909.

EXPENSES OF OPERATION AND DEVELOPMENT—continued.										PERSONS ENGAGED IN MINING INDUSTRIES.									
Miscellaneous.				Per cent of total.			Value of products.	Aggregate.	Proprietors and officials.						Wage earners Dec. 15, or nearest representative day.	Primary horse-power.			
Royalties and rent of mines.	Taxes.	Contract work.	Rent of offices and other sundry expenses.	Servics.	Supplies.	Miscellaneous.			Total.	Proprietors and firm members.		Salaried officers of corporations, superintendents, and managers.		Clerks and other salaried employees.					
				61.4	23.8	14.8													
1	\$83,973,585	\$17,736,763	\$28,887,898	\$43,950,513			\$1,238,410,322	1,139,332	49,374	29,922	8,881	19,452	24,875	1,065,283	4,608,253				
2	7,980,739	2,681,877	1,701,514	3,361,408	69.5	19.2	149,180,471	178,004	1,315	188	72	1,127	3,185	173,504	676,733				
3	141,716	119,369	99,882	479,422	45.5	42.2	10,237,252	5,436	11,620	3,739	1,713	7,881	11,208	569,789	1,227,401				
4	2,301,850	167,188	197,259	1,032,985	47.3	37.6	185,416,884	592,677	19,353	16,213	2,155	3,140	2,888	39,831	1,221,949				
5	21,282,820	2,576,986	16,736,510	9,428,312	25.3	37.8	109,047	203	15	1	1	1	4	16	146	1,416			
6	830	907		9,354	63.0	25.5													
7	15,174,735	3,970,535	2,698,842	1,876,763	44.7	23.3	106,947,082	55,176	1,109	76	24	1,033	1,837	52,220	346,534				
8	1,163,985	1,084,376	3,603,984	2,588,899	50.4	37.6	134,616,987	55,258	661	79	42	582	1,454	53,143	376,464				
9	141,716	119,369	99,882	479,422	45.5	42.2													
10	2,301,850	167,188	197,259	1,032,985	47.3	37.6													
11	5,208	6,957	9,878	25,255	67.6	25.8	83,885,928	37,755	3,359	2,011	951	1,348	780	33,616	290,966				
12	678				78.7	18.2	10,237,252	5,436	11,620	3,739	1,713	7,881	11,208	569,789	1,227,401				
13	1,375	3,213	40,970	14,527	57.8	25.8	185,416,884	592,677	19,353	16,213	2,155	3,140	2,888	39,831	1,221,949				
14	1,439,445	496,235	463,590	2,451,467	70.4	19.3	109,047	203	15	1	1	1	4	16	146	1,416			
15	488,919	161,117	201,880	1,961,657	66.2	22.0	75,992,908	101,229	2,645	1,634	640	1,011	639	37,695	303,442				
16	194,369	115,097	65,744	385,221	75.2	16.6	18,997,976	22,211	1,248	750	318	518	402	29,561	61,985				
17	97,604	53,075	73,559	648,675	68.3	18.5	7,702,423	11,025	913	587	215	326	204	9,908	33,457				
18	47,911	70,616	27,344	428,818	71.5	16.6	6,239,120	6,649	188	49	6	139	148	6,313	21,779				
19	271,252	33,192	28,962	154,500	71.1	14.5	6,034,174	10,121	499	221	70	278	184	9,438	29,777				
20	282,501	32,301	60,204	352,302	56.7	25.5	5,578,517	6,748	317	116	22	201	171	6,260	29,211				
21	56,909	5,070	6,997	126,555	70.0	13.5	1,588,406	3,020	827	769	556	58	18	2,175	3,069				
22	45	846	400	6,607	56.8	32.3	65,140	88	5				5	4	79	380			
23	1,517	5,694	15,546	26,053	57.4	26.4	466,461	241	20				2	6	215	828			
24	14,232	1,967	14,346	7,705	62.5	15.9	224,766	372	35	23	11	12	7	330	262				
25	6,909	3,943		19,271	73.0	17.5	676,829	726	27				26	9	680	1,365			
26	271	28		697	91.8	2.8	34,441	79	19	18	15	1		60					
27	85,403	25,147	48,068	154,729	69.3	17.0	2,945,948	4,351	404	244	77	160	76	3,871	8,868				
28	708	111		1,761	61.3	3.5	18,185	19	2					17					
29	9,238	1,473	8,081	27,404	58.7	23.7	271,437	363	28					10	325	993			
30	1,917	1,012	949	63,321	60.5	18.5	21.0	288,509	376	27	8	4	19	7	342	1,179			
31	582	2,863	67	30,478	57.1	30.5	12.4	315,762	380	27	3	24	8	345	1,739				
32	6,850	4,909		16,547	45.5	25.7	28.8	101,920	129	7	5	2	1	112	315				
33	5,765	3,401	4,000	23,918	56.6	32.1	11.3	344,130	436	29	2	2	24	6	404	2,647			
34	3,348	2,134	25,597	19,882	51.4	33.6	15.0	413,296	430	16	5	2	11	6	498	1,648			
35	74,916	39,062	16,558	842,243	48.4	31.8	5,812,810	4,215	163	6	4	157	274	3,778	17,655				
36	733	813	2,430	10,701	53.6	22.4	75,503	99	23	16	1	7	1	75	316				
37	253	252		8,179	63.9	22.2	13.9	68,463	84	8	3	5	2	74	126				
38	247	247		1,065	75.8	16.8	7.4	13,307	3	7	4			3	29	105			
39	5,684	832	6,036	8,299	76.1	12.5	11.4	206,794	608	133	116	63	17	2	473	463			
40	3,469	1,255	20,388	7,407	52.5	19.4	28.1	151,015	246	35	20	2	15	2	209	25			
41	140	303	36,800	2,740	17.2	5.0	77.8	64,472	34	8				2	1	25			
42	1,061	1,211	6,622	3,840	75.5	11.7	12.8	206,028	232	25	19	9	6	1	296	448			
43	345,568	86,859	251,849	671,478	51.3	30.4	10,781,192	8,573	214	17		187	173	8,186	50,526				
44	190	1,746		27,360	68.8	16.1	15.1	315,454	145	33	5			3	107	109			
45	887	6,145	2,730	37,592	63.1	30.5	6.4	676,984	1,160	22	4			18	27	1,111			
46	2,959	1,512	16,351	10,296	61.0	19.0	20.0	231,025	208	18	7			11	6	184			
47	53,666	361	3,062,788	9.6	21.1	69.3	4,422,666	460	13					13	39	408			
48	31,287	15,501	3,550	116,512	58.6	25.3	16.1	1,174,516	1,452	64	16	2	48	5	1,336	9,433			
49	2,662	713		208	69.4	22.1	8.5	66,557	73	11	4			7	2	60			
51	2,152	8,933	500	40,715	57.3	35.7	7.0	778,938	560	20	4	3	16	13	527	3,141			

* The following numbers of persons, which could not be distributed among the several industries, are included under the proper headings in the totals for building stone: Aggregate, 328; officers of corporations, 107; and clerks, 219.

† Includes enterprises as follows: Antimony, 1; bismuth, 1; borax, 2; chromite, 2; manganiferous iron, 2; nickel and cobalt, 1; and tin, 1.

NONPRODUCING MINES, QUARRIES, AND WELLS—PERSONS ENGAGED IN MINING INDUSTRIES, LAND CONTROLLED, POWER, CAPITAL, AND EXPENSES: 1909.

Table 29

INDUSTRY.	Number of operators.	Number of mines, quarries, and wells.	PERSONS ENGAGED IN MINING INDUSTRIES.								Land controlled (acres).	Primary horse-power.	Capital.
			Aggregate.	Proprietors and officials.					Clerks and other salaried employees.	Wage earners Dec. 15, or nearest representative day.			
				Total.	Proprietors and firm members.		Officials.	Total.					
					Number performing manual labor.	Number performing non-manual labor.							
All industries (United States)	3,749		27,616	5,494	3,769	1,076	1,725	623	21,499	1,969,067	91,657	\$282,001,223	
FUELS:													
Coal, anthracite.....	6	6	327	6	.....	.....	6	.....	321	513	1,945	22,728
Coal, bituminous.....	26	50	785	50	9	3	41	30	568	84,700	2,609	9,402,665	
Petroleum and natural gas.....	30	128	1,917	396	207	19	189	70	1,451	1,115,101	8,577	14,166,314	
METALS:													
Iron.....	20	21	804	23	5	2	18	28	753	30,420	3,471	4,850,839	
Copper.....	13	13	799	39	.....	.....	39	54	706	15,579	4,248	11,073,777
Precious metals:													
Deep mines.....	3,078	8,352	20,453	4,426	3,135	881	1,291	399	15,628	598,832	59,224	233,123,939	
Flacer mines.....	132	192	772	199	152	103	5	3	58	54,154	5,001	3,264,271	
Lead and zinc.....	63	71	494	150	123	28	27	8	336	4,737	3,486	1,044,711	
Quicksilver.....	18	28	139	27	19	9	8	1	111	9,139	120	833,800	
Manganese.....	5	9	42	9	6	3	3	.....	33	4,016	248	105,650
Tungsten.....	12	84	109	14	7	.....	7	1	94	3,470	127	459,602
STRUCTURAL MATERIALS:													
Limestone.....	9	9	159	19	17	.....	2	4	136	3,024	879	273,121
Granite.....	3	3	18	19	15	.....	1	.....	12	76	.....	13,990
Marble.....	11	20	81	19	13	.....	6	1	61	4,136	206	486,352
Slate.....	9	10	94	16	12	5	4	.....	78	395	390	166,081
MISCELLANEOUS:													
Asbestos.....	5	76	25	4	.....	1	4	2	19	2,455	.....	264,734
Clay.....	6	6	46	16	14	1	2	.....	30	973	20	34,740
Fluorspar.....	3	3	14	4	3	.....	1	.....	10	147	10	116,500
Graphite.....	5	6	35	6	1	3	.....	5	3	11,005	83	258,018
Gypsum.....	4	6	25	4	3	2	1	.....	21	1,230	10	46,741
Mica.....	4	4	29	5	3	3	2	.....	24	165	.....	13,708
Oilstones, scythestones, and whetstones.....	4	4	13	6	6	1	.....	6	7	240	50	2,600
Phosphate rock.....	5	33	137	8	2	4	.....	2	127	3,765	455	132,000
Precious stones.....	7	11	27	11	11	2	.....	6	16	261	.....	22,125
ALL OTHER INDUSTRIES	29	54	292	31	16	7	15	15	246	15,534	406	1,612,197	

EXPENSES OF OPERATION AND DEVELOPMENT.

INDUSTRY.	Total.	Services.			Supplies, materials, and fuel.		Contract work.	Miscellaneous expenses.
		Salaried officers of corporations, superintendents, and managers.	Clerks and other salaried employees.	Wage earners.	Supplies and materials.	Fuel and rent of power.		
All industries (United States)	\$31,648,736	\$2,082,650	\$392,277	\$12,931,910	\$10,877,732	\$1,366,862	\$1,802,560	\$2,084,746
FUELS:								
Coal, anthracite.....	263,501	7,151	3,069	173,438	58,956	2,563	1,351	17,033
Coal, bituminous.....	748,867	37,795	14,878	229,028	164,677	2,137	214,310	86,042
Petroleum and natural gas.....	7,044,383	101,156	25,843	1,002,383	4,997,764	198,552	303,162	385,824
METALS:								
Iron.....	802,301	18,068	15,962	316,530	237,882	83,674	63,775	126,410
Copper.....	900,252	37,882	34,556	473,123	167,906	75,113	15,698	76,374
Precious metals—								
Deep mines.....	20,321,074	1,630,738	276,590	10,086,470	5,017,908	951,148	1,089,536	1,288,914
Flacer mines.....	506,426	49,085	1,275	243,336	145,138	6,219	27,487	33,186
Lead and zinc.....	62,801	15,801	2,712	86,442	39,205	24,161	85,336	9,063
Quicksilver.....	96,904	7,050	900	69,354	10,367	1,970	.....	7,263
Manganese.....	19,167	2,203	.....	12,324	2,168	1,262	.....	1,210
Tungsten.....	83,877	15,412	816	42,204	14,900	565	.....	9,920
STRUCTURAL MATERIALS:								
Limestone.....	77,112	874	2,592	22,612	42,424	679	4,420	3,511
Granite.....	4,574	900	.....	2,395	1,510	.....	.....	66
Marble.....	43,531	7,390	600	19,654	8,579	2,306	.....	4,112
Slate.....	29,175	3,890	.....	15,532	2,625	.....	.....	701
MISCELLANEOUS:								
Asbestos.....	36,893	8,177	1,420	14,311	1,422	.....	.....	11,563
Clay.....	6,996	900	.....	3,773	1,000	.....	40	1,283
Fluorspar.....	4,218	1,320	.....	2,010	449	245	.....	194
Graphite.....	62,801	11,100	1,508	14,577	2,225	108	11,028	22,355
Gypsum.....	6,290	120	.....	4,154	8,379	.....	.....	400
Mica.....	5,343	600	2,378	708	1,102	.....	500	55
Oilstones, scythestones, and whetstones.....	1,805	.....	.....	937	165	70	.....	633
Phosphate rock.....	37,567	4,825	350	24,673	1,421	3,828	.....	2,470
Precious stones.....	2,227	.....	.....	1,811	301	.....	.....	115
ALL OTHER INDUSTRIES	142,002	19,224	7,318	64,755	16,143	9,930	9,117	15,515

¹ Exclusive of wells not completed on Dec. 31, 1909.

² Includes enterprises as follows: Antimony, 1; asphaltum and bituminous rock, 2; bluestone, 1; borax, 1; chrome, 1; feldspar, 1; garnet, 1; grindstones, 1; infernal earth, 1; lithographic stone, 2; lithium, 1; magnesite, 1; mineral pigments, 2; molybdenum, 4; monazite and zircon, 1; pent, 2; pyrite, 1; quartz, 1; tin, 1; titanium, 1; uranium, 1; and vanadium, 1.

SUPPLEMENT FOR CALIFORNIA



POPULATION
AGRICULTURE
MANUFACTURES
MINES AND QUARRIES

CHAPTER I.

NUMBER OF INHABITANTS.

Introduction.—This chapter gives the population of California, by counties and minor civil divisions, as enumerated at the Thirteenth Census, taken as of April 15, 1910, with comparative statements of population where possible, and a statement and discussion for the state as a whole of the population living in urban and in rural territory. The statistics are given in detail in two general tables.

Table 1 (p. 574) shows the population of California, distributed according to counties and minor civil divisions, at the last three censuses, namely, those of 1910, 1900, and 1890. The counties and primary divisions are arranged alphabetically, with the exception of 18 counties, in which the primary divisions are arranged numerically. The figures for secondary divisions are printed in italics. The changes in boundaries, name, or form of organization that have taken place since 1900 are indicated in the footnotes to the table. For changes between 1890 and 1900 reference must be made to the census report of 1900.

It may be noticed that the county totals as given in Table 1 for 1900 and 1890 sometimes exceed the aggregate population of the minor civil divisions as shown in the table. This is for the most part due to the territorial changes that have been made in the minor civil divisions of certain counties since 1890. In other cases cities returned in 1910 as parts of townships were returned independently in 1900 and 1890, and some townships reported separately at one census were reported in combination with other townships at another census.

Table 2 (p. 582) shows the cities and incorporated towns in California, alphabetically arranged, with their population in 1910, 1900, and 1890.

The population of California, by counties, at each of the last five censuses, from 1870 to 1910, inclusive; the

increase during the last two decades; the density of the total and the rural population at the census of 1910; and the distribution of the population at the last two censuses according to urban and rural districts, are given in Table I of Chapter 2.

The tables and text of the present chapter contain few technical expressions whose meaning is not apparent. The census usage in regard to certain terms is, however, explained below:

Density of population.—The density of population of a state or county is obtained by dividing its total population by the number of square miles in its land area. In calculating the density of rural population, the same divisor is used as it is not practicable to ascertain and deduct the exact area covered by the urban districts, and even if this could be done with accuracy the deduction of this area from the total land area would ordinarily make no appreciable difference in the resulting quotient.

Minor civil divisions.—The counties are divided generally into smaller political units which bear different designations in the different parts of the country, such as towns, judicial townships, election precincts, etc. Of these minor civil divisions those which rank next to the county as geographic areas are termed primary divisions. In many instances, however, these primary divisions contain political units of still smaller area, such as cities, incorporated villages, towns, or boroughs. These smaller political units are referred to as secondary divisions.

Urban and rural population defined.—The Census Bureau, for purposes of discussion, has defined urban population as that residing in cities and other incorporated places of 2,500 inhabitants or more, and rural population as that residing outside of such incorporated places.

The comparisons of the urban and rural population in 1910 with that at earlier enumerations may be made either with respect to the varying proportions of the two classes at successive enumerations or with respect to the increase between enumerations. In order to contrast the *proportion* of the total population living in urban or rural territory at the census of 1910 with the proportion urban or rural at the preceding census, it is necessary to classify the territory according to the conditions as they existed at each census. In this comparison a place having less than 2,500 inhabitants in 1900 and

HISTORICAL NOTE.—California was named by Spanish discoverers from a fabulous island described in a Spanish romance as “on the right hand of the Indies * * * very near to the Terrestrial Paradise.”

The territory now constituting the state of California was first visited by white men in 1542, when Juan Cabrillo, a Portuguese navigator in the service of Spain, explored the coast and islands in the Santa Barbara region and probably sailed as far north as Monterey Bay. In 1579 Sir Francis Drake sailed along the coast and landed, supposedly at Drake's Bay, a few miles northwest of San Francisco. He named the country New Albion and took possession in the name of Elizabeth of England. The English did not occupy the region, however, and the first settlement was made by the Spaniards, in 1769, when the Franciscan Fathers founded a mission at San Diego. In 1776 the Mission Dolores was established where San Francisco now stands.

California was under Spanish rule until 1822, when, on the successful termination of the Mexican Revolution, it declared its independence of Spain and its allegiance to the newly established Mexican Government.

For several years prior to 1846 large numbers of immigrants from the United States had been arriving in California, and in June of that year a revolt against Mexico was begun by the American settlers. The Mexican War was already in progress, and during July and August, 1846, the American flag was raised at Monterey, San Francisco, Sonoma, Sacramento, San Jose, San Juan Bautista, San Diego, Santa Barbara, San Pedro, and Los Angeles. The final surrender of the Mexican forces to those of the United States took place in January, 1847. In February, 1845, by the treaty of Guadalupe Hidalgo, the Mexican claims to California and to territory north of the Gila and Rio Grande were ceded to the United States.

From 1846 to 1849 California was under military and provisional rule by the United States. In October, 1849, a state constitution was adopted by a convention held at Monterey; in the following month it was ratified by the people, and state officers were elected. On September 9, 1850, California became a state of the Union.

over 2,500 in 1910 is classed with the rural population for 1900 and with the urban for 1910. On the other hand, in order to present fairly the contrast between urban and rural communities, as regards their *rate of growth*, it is necessary to consider the changes in population for the *same* territory which have occurred from one decennial census to another. For this purpose the territory which in 1910 was urban or rural, as the case may be, is taken as the basis, and the population in 1900 for the same territory (so far as separately reported

at that census) is presented, even though part of the territory may, on the basis of its population at the earlier census, have then been in a different class. This avoids the disturbing effect on comparisons which would arise from the passage, for example, of communities formerly classed as rural into the urban group. These two distinct forms of comparison are made in Table I of Chapter 2 for the state as a whole and for each county separately for the last two censuses.

TOTAL POPULATION, INCREASE, AND DISTRIBUTION.

Population of the state.—The population of California is 2,377,549. Compared with a population of 1,485,053 in 1900, this represents an increase during the last decade of 892,496, or 60.1 per cent. During the same period the total population of the United States increased 21 per cent. The percentage of increase for the state during this decade is nearly

three times the rate shown for the preceding decade, 1890–1900.

The following table shows the population of California at each census from 1850 to 1910, inclusive, together with the increase and per cent of increase during each decade, in comparison with the per cent of increase for the United States as a whole.

CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.		Per cent of increase for the United States.
		Number.	Per cent.	
1910.....	2,377,549	892,496	60.1	21.0
1900.....	1,485,053	271,655	22.4	20.7
1890.....	1,213,398	348,704	40.3	25.5
1880.....	864,694	304,447	54.3	30.1
1870.....	560,247	180,253	47.4	22.6
1860.....	379,994	287,397	310.4	35.6
1850.....	92,597			

¹ Includes population (5,268) of Indian reservations specially enumerated.

California was admitted as a state in 1850 and appears in the Federal census reports for the first time in that year. Naturally, its most rapid growth was during the decade immediately following the discovery of gold in the state, which was its first decade of statehood, 1850–1860. The percentage of increase for this decade is more than five times the rate shown for any succeeding decade. Although the growth of the state during the 50 years since 1860 has been much slower than during the decade from 1850 to 1860, it has been substantial, the rates of decennial increase ranging from 22.4 per cent for the decade 1890–1900 to 60.1 per cent for the last decade.

A comparison of the rates of increase for the state with those for the United States, as given in the preceding table, shows that during each decade since 1850 the population of California has increased more rapidly than that of the United States. The difference between the two rates during the decade 1850–1860 was large; and the differences have been moderately large during every decade since then except during the decade 1890–1900, when the two rates approached each other very closely. The population of the state in 1910 was more than twenty-five times as large as in 1850, when the population of the

state was first returned, while the population of the United States in 1910 was a little less than four times that in 1850.

Principal cities.—California has 125 cities. San Francisco, the largest city, has a population of 416,912 and Los Angeles, the second city, a population of 319,198. Oakland, with 150,174 inhabitants, is the only other city in the state having over 100,000 inhabitants. There are also 5 cities having from 25,000 to 50,000, 13 from 10,000 to 25,000, 10 from 5,000 to 10,000, 34 from 2,500 to 5,000, and 60 less than 2,500 inhabitants. The aggregate population of the 125 cities is 1,539,144, or 64.7 per cent of the total population of the state.

Table 2 shows the population in 1910 of all the cities of the state with comparative figures, where possible, for 1900 and 1890. The table on page 569 shows the population of the 8 cities having in 1910 over 25,000 inhabitants, as reported at each census since their incorporation either as cities or towns, so far as figures are available, together with the increase during each decade.

Of the cities included in this table, Pasadena shows the highest rate of increase during the last decade, namely, 232.2 per cent, and San Francisco the lowest, 21.6 per cent.

The most rapid growth of San Francisco was during the decades from 1860 to 1880, its population increasing more than fourfold during this period, while during the 30 years since 1880 its population has less than doubled. Its lowest rate of decennial increase was 14.6 per cent for the decade 1890-1900. The next lowest rate, 21.6 per cent, was for the last decade, 1900-1910. Had it not been for the great earthquake and fire of 1906, the growth would probably have been much larger.

Los Angeles, unlike San Francisco, has shown its most rapid growth during the recent decades. For the first decade after its incorporation the percentage of increase was 172.4, this representing, however, an absolute increase of only 2,775. For the next two decades the percentages of increase were much smaller. Since 1890 the population of the city has increased more than sixfold, the absolute increase of the last decade being more than twice the population of the city in 1900 and more than four times its population in 1890.

CITY AND CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.		CITY AND CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.	
		Number.	Percent.			Number.	Percent.
Berkeley:				Sacramento—Continued.			
1910.....	40,434	27,220	206.0	1890.....	26,386	4,966	23.2
1900.....	13,214	8,113	159.0	1880.....	21,420	5,137	31.6
1890.....	6,101			1870.....	16,283	2,498	18.1
				1860.....	13,785	6,965	102.1
				1850.....	6,820		
Los Angeles:				San Diego:			
1910.....	319,198	210,719	211.5	1910.....	39,578	21,878	123.6
1900.....	102,479	52,084	103.4	1900.....	17,700	1,541	9.5
1890.....	50,395	39,212	350.6	1890.....	16,159	13,622	512.8
1880.....	11,153	6,455	95.2	1880.....	2,637	337	14.7
1870.....	6,728	1,343	30.6	1870.....	2,300	1,509	214.6
1860.....	4,385	2,775	172.4	1860.....	731		
1850.....	1,610						
Oakland:				San Francisco:			
1910.....	150,174	83,214	124.3	1910.....	416,912	74,130	21.6
1900.....	66,960	18,278	37.5	1900.....	342,782	43,785	14.6
1890.....	48,682	14,127	40.9	1890.....	298,997	65,038	27.8
1880.....	34,555	24,033	223.1	1880.....	223,959	84,486	56.5
1870.....	10,500	8,957	580.5	1870.....	149,473	92,671	163.1
1860.....	1,543			1860.....	56,802		
				1850 ¹			
Pasadena:				San Jose:			
1910.....	30,291	21,174	232.2	1910.....	28,946	7,446	34.6
1900.....	9,117	4,235	86.7	1900.....	21,500	3,440	19.0
1890.....	4,882			1890.....	18,060	5,493	43.7
				1880.....	12,567	3,478	38.3
Sacramento:				1870.....	9,089		
1910.....	44,096	15,414	52.6				
1900.....	29,282	2,996	11.0				

¹ The returns for 1850 for San Francisco were destroyed by fire; the state census for 1852 reports a population of 34,776.

Counties.—California has 58 counties. The population of these counties ranges from 309 in Alpine County to 504,131 in Los Angeles County.

The following territorial changes have been made in the counties of California since 1900: Part of San Diego County was taken to form Imperial County in 1907 and part of Fresno County was annexed to Kings County in 1909.

Owing to the organization since 1900 of one new county from part of another county as shown above, the comparison of increase or decrease in population is made for only 56 counties and one combination of counties. The combined counties are San Diego and Imperial. In order to determine the actual rate of increase for this combination of counties it is necessary to add the population of the new county to that of the old county from which it was formed. Forty-six counties and the one combination of counties increased in population during the last decade. The rates of increase of the 46 counties that show an increase range from four-tenths of 1 per cent in Del Norte County to 196 per cent in Los Angeles County, and the absolute increases of the same group of counties range

from 9 in Del Norte County to 333,833 in Los Angeles County. The combined counties of San Diego and Imperial increased 40,166, or 114.5 per cent. Ten counties have decreased in population during the last decade, the rates of decrease ranging from 5.8 per cent in Mono County to 39.3 per cent in Alpine County, and the absolute decreases from 125 in Mono County to 2,834 in Nevada County. The aggregate increase of population from 1900 to 1910 in the one combination and the 46 counties that show increases is 904,732; the aggregate decrease of population in the 10 counties that show decreases is 12,236. The difference, 892,496, is, of course, the total increase of population in the state.

The maps on page 572 show the increase or decrease in the total and the rural population, respectively, of each county of California during the last decade. In the counties shown in white the population decreased; for the other counties the different rates of increase are indicated by differences in shading.

Density of population.—The total land area of the state is 155,652 square miles. The average number of persons to the square mile in 1910 was 15.3; in 1900

and 1890 it was 9.5 and 7.8, respectively. The average number per square mile for the United States as a whole in 1910 was 30.9.

The density of population is given by counties in Table I of Chapter 2 and in the maps on page 573, both for the entire population and for that living in rural territory, excluding in the latter case the population of places of 2,500 or more, but not excluding the land area of such places.

San Bernardino County, with 20,157 square miles, has the largest area. San Francisco County, coextensive with San Francisco city, with 43 square miles and 9,695.6 persons per square mile, has the smallest area and the highest density. Alpine, Inyo, and Mono Counties each average less than 1 person per square mile.

Minor civil divisions.—The political divisions into which counties are subdivided are collectively termed "Minor civil divisions." In California the counties

are divided into 578 primary divisions, comprising 576 judicial townships and 2 cities. There are also 196 secondary divisions, comprising 123 cities and 73 towns. These secondary divisions usually form parts of their respective townships, but 10 cities and 1 town are coextensive with the judicial townships in which they are located. Besides these minor civil divisions there are 4 Indian reservations in the state, returned under the counties in which located.

Urban and rural population compared.—The following table presents the population of California at the censuses of 1910, 1900, and 1890, respectively, distributed among cities and towns grouped according to specified limits of population, together with the percentage of the total population contained in each group at each of the censuses named. The classification is based upon the population of each place as it existed at each census.

CLASS OF PLACES.	1910		1900		1890		PER CENT OF TOTAL POPULATION.		
	Number of places.	Population.	Number of places.	Population.	Number of places.	Population.	1910	1900	1890
Total population.....		2,377,549		1,485,053		1,213,398	100.0	100.0	100.0
Urban territory.....	70	1,469,739	40	777,699	33	589,464	61.8	52.4	48.6
Cities and towns of—									
100,000 inhabitants or more.....	3	886,284	2	445,261	1	298,997	37.3	30.0	24.6
50,000 to 100,000 inhabitants.....	1	66,960	1	66,960	1	80,385	2.8	4.5	4.2
25,000 to 50,000 inhabitants.....	5	183,945	1	29,282	2	75,068	7.7	2.0	6.2
10,000 to 25,000 inhabitants.....	13	196,701	6	98,854	5	70,626	8.3	6.7	5.8
5,000 to 10,000 inhabitants.....	19	64,165	9	62,977	5	28,124	2.7	4.2	2.3
2,500 to 5,000 inhabitants.....	39	138,701	21	74,365	19	66,254	5.8	5.0	5.5
Rural territory.....		907,810		707,354		623,934	38.2	47.6	51.4
Cities and towns of less than 2,500 inhabitants.....	128	153,052	76	90,748	68	77,643	6.4	6.1	6.4
Other rural territory.....		754,758		616,606		546,291	31.7	41.5	45.0

† Includes population (5,298) of Indian reservations specially enumerated.

As shown by the above table, the urban territory of the state in 1910—that is, the cities and incorporated towns of 2,500 inhabitants or more—contained 1,469,739 inhabitants, or 61.8 per cent of the total population, while 907,810 inhabitants, or 38.2 per cent, lived in rural territory. The urban territory as it existed in 1900—that is, the cities and incorporated towns then having 2,500 inhabitants or more—contained 777,699 inhabitants, or 52.4 per cent of the total population, while 707,354 inhabitants, or 47.6 per cent, lived in rural territory. There has thus been a considerable increase in the proportion of urban population. For the United States as a whole the urban population constituted 46.3 per cent of the total population in 1910 and 40.5 per cent of the total population in 1900.

In 1910 the combined population of San Francisco, Los Angeles, and Oakland, the three cities having over 100,000 inhabitants each, represented 37.3 per cent of the total population of the state. In 1900 these three cities contributed 34.5 per cent of the total population of the state. At that time, however, Oakland was not in the group of places having over 100,000 inhabitants, for this city did not reach that

figure until some time between 1900 and 1910. The combined population of the remaining urban places, or those containing from 2,500 to 50,000 inhabitants each, in 1910 and 1900, represented 24.5 per cent and 17.9 per cent, respectively, of the total population of the state. In 1890 San Francisco, contributed 24.6 per cent of the population of the state and the remaining urban places 23.9 per cent.

The 128 places of less than 2,500 inhabitants each, comprising 60 cities and 68 towns, have an aggregate population of 153,052, or 6.4 per cent of the total population of the state. These places comprise 66 having from 1,000 to 2,500 inhabitants each, with a combined population of 111,155; 47 having from 500 to 1,000 inhabitants each, with a combined population of 36,525; and 15 having less than 500 inhabitants each, with a combined population of 5,372. The population living in unincorporated territory represents 31.7 per cent of the total population of the state.

The above table shows further that in all cities and incorporated towns, including those of less than 2,500 inhabitants, there was in 1910 a population of 1,622,791, or 68.3 per cent of the population of the state. The population of all cities and incorporated towns, as

they existed in 1900, was 868,447, or 58.5 per cent of the population of the state.

Table I of Chapter 2 shows that 26 counties and the one combination of counties had a larger proportion and 1 county a smaller proportion of urban population in 1910 than in 1900, while for 1 county the proportion was the same. Six counties wholly rural in 1900 were partly urban in 1910. Twenty-two counties were wholly rural at both censuses.

In order to compare the *rate of growth* in urban and rural communities it is necessary in each case, as previously explained, to consider the changes in population which have occurred in the *same* territory from one decennial census to another. With this end in view places classed as urban or rural according to their population in 1910 are taken as a basis and the aggregate population in 1910 and in 1900 of the same places is then compared. Thus, as shown in the table in the next column, the total population in 1910 of the cities and towns which at that time had 2,500 inhabitants or more was 1,469,739; in 1900 the total population of these same cities and towns (so far as separately reported) was 810,193. It may be noted that the latter figure exceeds the total population in 1900 of the cities and towns which at that time had over 2,500 inhabitants each, 777,699 (see table on p. 570) by 32,494. The difference is the net result of the passage, since 1900, of certain communities from the rural to the urban class and vice versa, and of annexations of territory during the same period.

A comparison of the total population in 1910 of cities and towns having a population of not less than 2,500 each with the total population of the same places in 1900, as given in the table in the next column, shows an increase of 81.4 per cent. This represents the rate of growth of urban communities as thus defined. During the same period there has been an increase of 34.5 per cent in the population living in rural territory. Urban population thus increased nearly two and one-half times as rapidly as rural. For the United States

as a whole urban population increased 34.9 per cent in the last decade and rural population 11.2 per cent.

As shown by Table I of Chapter 2 there are 15 counties in which the population living in rural territory decreased and 1 county in which there was a decrease in urban population. Nevada was the only county that decreased in population in both urban and rural districts.

In the following table the population for the state as a whole is distributed so as to show, for 1910 and 1900, the combined population of cities having in 1910 100,000 inhabitants or more, the combined population of cities and towns having from 25,000 to 100,000, and from 2,500 to 25,000 inhabitants, respectively, and the population of the remainder of the state.

CLASS OF PLACES.	POPULATION.		INCREASE: 1900-1910	
	1910	1900	Number.	Per cent.
The state	2,377,549	1,485,053	892,496	60.1
Urban territory in 1910.....	1,469,739	810,193	659,546	81.4
Cities and towns of—				
100,000 inhabitants or more in 1910.	886,284	514,008	372,276	72.4
25,000 to 100,000 inhabitants in 1910.	183,945	90,813	93,132	102.6
2,500 to 25,000 inhabitants in 1910.	399,510	235,372	194,138	94.5
Remainder of the state.....	907,810	674,860	232,950	34.5

From this table it appears that the population in the group of urban places having 100,000 inhabitants or more increased during the last decade about one and one-fifth times, the group of places having from 25,000 to 100,000 inhabitants about one and two-thirds times, and the group of places having from 2,500 to 25,000 inhabitants about one and one-half times as rapidly as that of the state as a whole. The rate of increase in population for rural territory was a little more than half that of the state as a whole.

It also appears from this table that of the total increase in the population of the state during the decade, namely, 892,496, more than two-fifths was in cities of over 100,000 inhabitants.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890.

[Township means judicial township. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. 1, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Alameda County.				Butte County—Continued.			
Alameda township, coextensive with Alameda city	23,353	16,464	11,165	Concord township.....	961	377	459
Alameda city:				Dayton township.....	739	469	810
Ward 1.....	2,297			Gridley township, including Gridley city	2,081	1,224	1,523
Ward 2.....	4,604			Gridley city ¹⁴	1,887	2,070	1,816
Ward 3.....	4,573			Hamilton township, including Biggs city	1,037	1,242	1,616
Ward 4.....	4,604			Biggs city ¹⁵	405		
Ward 5.....	2,943			Homeet township.....	471	663	852
Ward 6.....	3,656			Humboldt township.....	119	373	
Ward 7.....	1,869			Kinslow township.....	1,927	1,292	1,482
Brooklyn township, ¹ including ward 7 of Oakland city and part of San Leandro city	49,140	8,168	3,108	Mountain Spring township.....	256	261	426
Oakland city (part of).....	48,677			Nelson township.....	178	260	232
Total for Oakland city in Brooklyn and Oakland townships.....	189,174	68,960	48,882	Ophir township, including Oroville city.....	4,379	2,804	2,210
Ward 1.....	26,977			Oroville city ¹⁶	1,927		
Ward 2.....	17,659			Oregon township.....	526	841	1,010
Ward 3.....	15,672			Oro township.....	222	554	284
Ward 4.....	15,262			Wyandotte township.....	643	856	804
Ward 5.....	14,631						
Ward 6.....	16,536			Calaveras County			
Ward 7.....	48,677			Township 1, San Andreas ¹⁷	1,120	1,683	1,640
San Leandro city (part of).....	573			Township 2, Mokelumne ¹⁸	1,713	1,971	2,002
Total for San Leandro city ² in Brooklyn and Eden townships.....	5,471	2,263		Township 3, Murphys ¹⁹	1,077	1,563	1,532
Eden township, including Hayward town and part of San Leandro city.....	11,515	9,330	7,336	Township 4, Angels ²⁰	3,370	4,253	1,950
Hayward town.....	2,759	1,965	1,419	Township 5, Jenny Lind ²¹	1,891	1,722	1,758
San Leandro city (part of).....	3,039	2,263					
Murray township, ³ including Livermore town.....	4,137	7,172	5,937	Colusa County			
Livermore town.....	2,000	1,493	1,391	Arbutle township.....	1,249	1,459	
Oakland township, ⁴ including Albany, Berkeley, and Piedmont cities and Emeryville town, and wards 1 to 6 of Oakland city.....	147,199	15,189	12,040	Colusa township, ²² including Colusa town.....	2,518	2,721	1,586
Albany city ⁵	803			Colusa town.....	1,684	1,441	1,585
Berkeley city ⁶	40,454	15,214	6,101	Grand Island township.....	864	1,007	
Precinct 1.....	5,153			Maxwell township.....	601		
Precinct 2.....	5,153			Pricetown township ²³	353	355	
Precinct 3.....	851			Stony Ford township.....	1,468	918	
Precinct 4.....	1,594						
Precinct 5.....	2,109			Contra Costa County			
Precinct 6.....	2,091			Township 1, including Martinez town.....	3,072		
Precinct 7.....	1,774			Martinez town.....	2,116	1,330	1,600
Precinct 8.....	1,854			Township 2.....	873		
Precinct 9.....	2,808			Township 3.....	1,300		
Precinct 10.....	3,341			Township 4.....	1,146		
Precinct 11.....	5,421			Township 5, including Concord town.....	2,250		
Precinct 12.....	2,166			Concord town ²⁴	705		
Precinct 13.....	2,428			Township 6, including Black Diamond town.....	3,626		
Precinct 14.....	1,497			Black Diamond town ²⁵	2,572		
Precinct 15.....	5,559			Township 7.....	1,432		
Precinct 16.....	2,136			Township 8, including Antioch town.....	2,229		
Precinct 17.....	2,039			Antioch town.....	1,121	674	655
Precinct 18.....	1,031			Township 9.....	2,075		
Precinct 19.....	1,792			Township 10.....	1,379		
Emerville town.....	2,613	1,016	238	Township 11, including Hercules and Pinole towns.....	1,776		
Oakland city (part of).....	101,497			Hercules town ²⁶	279		
Piedmont city ¹⁰	1,719			Pinole town ²⁷	798		
Pleasanton township, ⁷ including Pleasanton town.....	2,833			Township 12.....	2,402		
Pleasanton town.....	1,854	1,100		Township 13.....	1,449		
Washington township.....	7,874	6,914	5,596	Township 14.....	833		
				Township 15, coextensive with Richmond city ²⁸	6,802		
Alpine County¹¹				Del Norte County			
Township 1.....	309				2,417	2,408	2,592
Amador County				El Dorado County			
Township 1, Jackson, including Jackson city.....	3,226	3,550	2,622	Coloma township.....	367	450	837
Jackson city ¹²	2,036			Cosumnes township.....	417	571	655
Township 2, Ione.....	1,551	1,772	1,822	Diamond Springs township.....	708	1,096	832
Township 3, Volcano.....	1,064	1,094	1,535	Georgetown township.....	594	915	1,033
Township 4, Sutter Creek.....	2,047	2,647	2,355	Greenwood township.....	373	459	411
Township 5, Plymouth.....	1,138	1,453	2,006	Kelsey township.....	226	276	376
				Lake Valley township.....	169	245	268
Butte County				Elk County			
Bidwell township.....	557	384	630	Mountain township.....	408	277	446
Chico township, including Chico city.....	11,775	4,739	5,598	Mud Springs township.....	840	1,212	1,220
Chico city.....	5,759	2,640	2,894	Placerville township, including Placerville city.....	2,775	2,645	2,593
Ward 1.....	803			Placerville city.....	1,914	1,748	1,690
Ward 2.....	630			Salmon Falls township.....	436		
Ward 3.....	795			White Oak township.....	395	405	693
Ward 4.....	959						
Ward 5.....	633						

¹ County totals include population (66,960 in 1900; 48,682 in 1890) of Oakland city, returned independently.

² Parts annexed to Oakland and San Leandro cities in 1900.

³ Exclusive of population of Oakland city.

⁴ Parts of Brooklyn and Oakland townships annexed in 1909.

⁵ Part of Brooklyn township annexed in 1909.

⁶ Pleasanton township organized from part of Murray township in 1902.

⁷ Parts annexed to Berkeley city in 1906 and 1908 and part annexed to Oakland city in 1909.

⁸ Name changed from Ocean View in 1909. Incorporated in 1905.

⁹ Parts of Oakland township annexed in 1906 and 1908.

¹⁰ Incorporated in 1907.

¹¹ County reorganized in 1900.

¹² Incorporated in 1905.

¹³ Incorporated in 1903.

¹⁴ Incorporated in 1906.

¹⁵ Returned as township 2 in 1900.

¹⁶ Returned as township 3 in 1900.

¹⁷ Returned as township 4 in 1900.

¹⁸ Returned as township 5 in 1900.

¹⁹ Returned as township 1 in 1900.

²⁰ County total includes population (341) of Leesville township, annexed to Williams township since 1900.

²¹ No comparison of population can be made; county redistricted between 1890 and 1900.

²² Prinetown township organized from part of Colusa township in 1902.

²³ Leesville township annexed in 1901.

²⁴ No comparison of population can be made; county redistricted in 1910.

²⁵ Incorporated in 1900.

²⁶ Incorporated as a city in 1908.

²⁷ Incorporated as a city in 1908.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Township means judicial township. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Fresno County ¹	75,857	* 37,862	32,028	Imperial County—Continued.			
Township 1.....	1,388	1,453	4,568	Holtville township, including Holtville city.....	2,073		
Township 2.....	4,799	2,936	2,930	Holtville city.....	2,729		
Township 3, including Fresno city.....	32,405	17,329	13,640	Imperial township, including Imperial city.....	2,933		
Fresno city.....	24,892	12,470	10,818	Imperial city ¹⁹	1,877		
Ward 1.....	3,677			Laguna township.....	212		
Ward 2.....	2,620			Old Beach township.....	489		
Ward 3.....	3,172			Palmdale township.....	63		
Ward 4.....	2,080			Picacho township.....	396		
Ward 5.....	3,784			Silsbee township.....	384		
Ward 6.....	2,868						
Ward 7.....	2,730						
Township 4, including Fowler town.....	4,141	3,236	2,604	Inyo County.....	6,974	4,377	3,544
Fowler town ²	5,873	3,236	2,604	Township 1, including Bishop city.....	2,856	1,916	792
Township 5, including Selma town.....	678			Bishop city ¹⁰	1,190		
Selma town.....	4,843	2,552	2,572	Township 2.....	900	1,163	990
Township 6, including Coalinga city.....	1,760	1,083	1,160	Township 3.....	701	820	663
Coalinga city ⁷	7,851	811	834	Township 4.....	1,333	478	205
Township 7.....	4,189		1,351	Township 5 ²¹	1,179		
Township 8.....	4,271	3,076	1,351				
Township 9, including Kingsburg city.....	3,344	2,379	2,252	Kern County.....	87,715	16,480	22 9,808
Kingsburg city ⁸	2,396	1,339	1,265	Township 1 ²²	743	1,313	
Township 10.....	1,681			Township 2, including Tehachapi town.....	1,310	1,187	
Township 11 ¹¹	2,641	2,132		Tehachapi town ¹²	836		
Township 12 ¹²	660			Township 3 ²⁴	2,756	2,313	
Township 13 ¹³	2,035			Township 4.....	1,026	504	
Township 14 ¹⁴	1,493			Township 5.....	1,097	1,440	
				Township 6, including Bakersfield city.....	16,451	5,985	
Glenn County.....	7,172	6,180		Bakersfield city ²⁴	12,787	4,838	2,626
Township 1.....	665	610		Precinct 1.....	1,647		
Township 2, including Orland town.....	1,571	839		Precinct 2.....	1,796		
Orland town ¹⁶	836			Precinct 3.....	868		
Township 3.....	445	575		Precinct 4.....	1,998		
Township 4, including Willows town.....	2,984	1,622	1,176	Precinct 5.....	859		
Willows town.....	1,139	893		Precinct 6.....	1,639		
Township 5.....	743	855		Precinct 7.....	2,646		
Township 6.....	324	279		North precinct.....	2,185		
Township 7.....	540	667		South precinct.....	1,051		
				Township 7 ²⁶	206	102	
Humboldt County.....	33,857	27,104	23,469	Township 8.....	253	229	
Briceland township ¹⁸	308			Township 9.....	498	590	
Bucksport township.....	1,132	1,019	1,312	Township 10.....	3,150	438	
Eureka township, including Eureka city.....	13,763	8,504	7,011	Township 11.....	2,000	1,023	
Eureka city.....	11,845	7,327	4,868	Township 12 ²⁸	1,352	1,557	
Ward 1.....	1,795			Township 13 ³¹	1,397		
Ward 2.....	1,834			Township 14 ²⁹	424		
Ward 3.....	2,798			Township 15 ²⁸	1,972		
Ward 4.....	1,914			Township 16 ²⁸	2,450		
Ward 5.....	5,804						
Hydesville township.....	3,006	1,825	1,511	Kings County ¹	16,230	19,871	
Klamath township.....	768	367	732	Armona township ³⁰	2,177		
Mad River township, including Blue Lake town.....	1,111	1,425	1,303	Corcoran township ³⁰	1,003		
Blue Lake town ¹⁹	807			Lemoore township, ³¹ including Lemoore city.....	3,852	1,772	
Mackay township.....	307	675	329	Lemoore city ³²	1,060		
Orleans township.....	307	365	317	Lucerne township, ³³ including Hanford city.....	9,198	7,947	
Pacific township, including Ferndale town.....	3,135	3,446	3,120	Hanford city.....	4,289	5,629	842
Ferndale town.....	805	848	768				
Rohnerville township, including Fortuna town.....	2,000	2,107	1,665	Lake County.....	6,528	6,017	7,101
Fortuna town ²	483			Township 1.....	889	1,156	1,443
South Fork township ¹⁶	464	923	955	Township 2.....	820	1,075	1,421
Table Bluff township.....	900	926	828	Township 3.....	1,134	1,354	1,496
Trinidad township.....	1,502	878	483	Township 4, including Lakeport town.....	1,465	1,358	1,617
Union township, including Arcata town.....	3,473	2,835	2,983	Lakeport town.....	870	786	891
Arcata town.....	1,121	968	968	Township 5.....	1,218	1,074	1,124
Van Duzen township.....	439	587	659				
Hoopa Valley Indian Reservation.....	522	1,112					
				Lassen County.....	4,802	4,511	4,239
Imperial County ¹⁰	13,691			Township 1, including Susanville town.....	982	1,059	1,110
Brawley township, including Brawley city.....	2,218			Susanville town ³²	638		
Brawley city ⁶	881			Township 2.....	625	626	550
Calexico township, including Calexico city.....	1,887			Township 3.....	1,205	965	
Calexico city ⁴	427			Township 4.....	1,016	926	1,025
El Centro township, including El Centro city.....	2,500			Township 5.....	923	689	589
El Centro city ⁵	1,610						
Hanford township, including Yuma Indian Reservation.....	1,609						
Yuma Indian Reservation.....	899	817					

¹ Part of Fresno County annexed to Kings County in 1909.
² County total includes population (398) of old township 11, annexed to township 13 since 1900.
³ Part taken to form township 11 in 1908 and part annexed to Fresno city in 1910.
⁴ Part of township 3 annexed in 1910.
⁵ Incorporated in 1906.
⁶ Part annexed to Kings County in 1909.
⁷ Incorporated in 1906.
⁸ Part taken to form township 14 in 1910 and part of township 12 in 1903.
⁹ Part taken to form part of township 12 in 1905.
¹⁰ Part taken to form township 13 in 1905.
¹¹ Organized from part of township 3 in 1908.
¹² Organized from parts of townships 7 and 8 in 1908.
¹³ Organized from part of township 9 in 1903 and old township 11 annexed in 1908; part annexed to Kings County in 1909.
¹⁴ Organized from part of township 7 in 1910.
¹⁵ Incorporated in 1909.
¹⁶ Briceland township organized from part of South Fork township in 1902.
¹⁷ Incorporated in 1910.
¹⁸ Organized from part of San Diego County in 1907.

¹⁹ Incorporated in 1904.
²⁰ County total includes population (895) of old township 2, annexed to township 1 between 1890 and 1900.
²¹ Organized since 1900.
²² No comparison of population can be made; county redistricted between 1890 and 1900.
²³ Township 14 organized from part of township 1 in 1901.
²⁴ Part of township 3 (Kern city) annexed to Bakersfield city in 1909.
²⁵ Part taken to form township 13 in 1901.
²⁶ Township 15 organized from parts of townships 7 and 12 in 1902.
²⁷ Organized from part of township 5 in 1901; part taken to form township 16 in 1910.
²⁸ Organized from part of township 13 in 1910.
²⁹ County total includes population (152) of West End township, annexed to Lemoore township since 1900.
³⁰ Armona and Corcoran townships organized from parts of Lucerne township in 1903 and 1907, respectively.
³¹ West End township annexed in 1902 and territory taken from Fresno County annexed in 1905.
³² Incorporated in 1900.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Township means judicial township. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. 1, Table 3.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Los Angeles County.	504,131	170,298	101,454	Los Angeles County—Continued.			
Antelope township.....	1,047	415	.....	Rowland township, ¹⁸ including Covina city.....	3,476	2,051	736
Azusa township, including Azusa city.....	4,154	2,561	1,851	Covina city ¹⁹	1,662	.....	.....
Azusa city.....	1,477	803	.....	San Antonio township, including Huntington Park, Vernon, and Watts cities.....	13,673	2,169	3,269
Baltona township, ¹ including Inglewood and Ocean Park cities.....	7,249	3,080	4,492	Huntington Park city ¹	1,899	.....	.....
Inglewood city ²	1,556	.....	.....	Vernon town ²⁰	772	.....	.....
Ocean Park city ⁴	5,119	.....	.....	Watts city.....	1,222	.....	.....
Precinct 1.....	650	.....	.....	San Fernando township ⁸	2,134	1,326	1,110
Precinct 2.....	1,452	.....	.....	San Gabriel township, ⁵ including Alhambra city.....	8,550	2,501	1,713
Precinct 3.....	1,047	.....	.....	Alhambra city ¹⁶	5,081	.....	.....
Belvedere township, ⁶ including Glendale city and part of assembly district 67 of Los Angeles city.....	2,621	.....	.....	San Jose township, including Claremont, Lordsburg, and Pomona cities.....	14,719	7,696	5,010
Glendale city ⁷	12,255	3,048	2,996	Claremont city ¹¹	1,114	.....	.....
Los Angeles city (part of).....	800	.....	.....	Lordsburg city ⁷	964	.....	.....
Total for Los Angeles city ⁸ in Burbank, Caluenga, and Los Angeles townships.....	519,198	102,479	50,395	Pomona city.....	10,207	6,526	5,424
Assembly district 67.....	1,680	.....	.....	Ward 1.....	1,766	.....	.....
Assembly district 69.....	25,968	.....	.....	Ward 2.....	1,672	.....	.....
Assembly district 70.....	74,851	.....	.....	Ward 3.....	2,005	.....	.....
Assembly district 71.....	58,412	.....	.....	Ward 4.....	2,211	.....	.....
Assembly district 72.....	58,028	.....	.....	Ward 5.....	5,668	.....	.....
Assembly district 74.....	65,400	.....	.....	Santa Monica township, ¹⁴ coextensive with Santa Monica city.....	57,840	5,521	2,327
Assembly district 75.....	47,214	.....	.....	Santa Monica city.....	7,847	5,057	1,680
Cahuenga township, ⁹ including part of assembly district 74 of Los Angeles city.....	7,432	1,586	1,725	Ward 1.....	1,438	.....	.....
Los Angeles city (part of).....	5,765	.....	.....	Ward 2.....	689	.....	.....
Calabassas township.....	492	458	440	Ward 3.....	762	.....	.....
Catalina township.....	710	487	.....	Ward 4.....	1,179	.....	.....
Chatsworth Park township ⁹	299	.....	.....	Ward 5.....	1,618	.....	.....
Compton township, ¹⁰ including Compton city.....	3,388	1,683	2,013	Ward 6.....	1,581	.....	.....
Compton city.....	922	.....	.....	Ward 7.....	900	.....	.....
Downey township, ¹¹ including part of assembly district 74 of Los Angeles city.....	3,277	4,458	3,338	Soledad township.....	1,887	984	2,711
Los Angeles city (part of).....	4,648	3,016	2,557	South Pasadena township, coextensive with South Pasadena city.....	4,649	1,001	623
El Monte township, ¹² including Monrovia city.....	5,670	1,205	807	South Pasadena city.....	.....	.....	.....
Monrovia city.....	1,534	.....	.....	Precinct 1.....	1,678	.....	.....
Precinct 1.....	1,041	.....	.....	Precinct 2.....	1,912	.....	.....
Precinct 2.....	1,193	.....	.....	Precinct 3.....	1,169	.....	.....
Fairmont township.....	932	427	721	Madera County.	8,368	6,364	.....
Gardena township.....	3,552	.....	.....	Township 2.....	779	777	.....
Lankershim township.....	848	.....	.....	Township 3, ²² including Madera city.....	4,320	2,175	.....
Lexington township, ¹³	1,886	.....	.....	Madera city ²¹	2,104	.....	.....
Long Beach township, including Long Beach city.....	20,616	3,285	1,051	Township 4.....	2,148	1,790	.....
Long Beach city.....	1,570	2,258	554	Township 5.....	1,121	1,044	.....
Ward 1.....	4,964	.....	.....	Marin County.	25,114	15,702	13,072
Ward 2.....	2,232	.....	.....	Bollinas township.....	548	340	366
Ward 3.....	5,278	.....	.....	Nicasio township.....	479	500	538
Ward 4.....	3,081	.....	.....	Novato township.....	465	834	554
Ward 5.....	2,008	.....	.....	Point Reyes township.....	405	816	770
Ward 6.....	1,222	.....	.....	San Antonio township.....	310	339	337
Ward 7.....	904	.....	.....	San Rafael township, including Larkspur, Ross, and San Anselmo towns and San Rafael city.....	13,180	8,008	7,008
Los Angeles township, ¹⁴ including assembly districts 69 to 73, and 75 and parts of assembly districts 67 and 74 of Los Angeles city.....	313,104	102,479	50,395	Larkspur town ³	594	.....	.....
Los Angeles city ⁸ (part of).....	312,633	102,179	50,395	Ross town ⁴	656	.....	.....
Los Nietos township, including Whittier city.....	7,811	3,339	1,826	San Anselmo town ¹⁷	1,651	.....	.....
Whittier city.....	4,550	1,690	585	San Rafael city.....	6,934	8,879	8,890
Precinct 1.....	1,007	.....	.....	Precinct 1.....	1,380	.....	.....
Precinct 2.....	1,147	.....	.....	Precinct 2.....	1,340	.....	.....
Precinct 3.....	1,308	.....	.....	Precinct 3.....	812	.....	.....
Precinct 4.....	1,128	.....	.....	Precinct 4.....	1,017	.....	.....
Malibu township, ¹⁵ including Sawtelle city.....	6,282	.....	.....	Sausalito township, including Belvedere, Mill Valley, and Sausalito towns.....	8,137	3,720	2,403
Sawtelle city ¹⁶	2,143	.....	.....	Belvedere town.....	421	454	.....
Precinct 1.....	830	.....	.....	Mill Valley town ²²	2,551	.....	.....
Precinct 2.....	62	.....	.....	Precinct 1.....	979	.....	.....
Precinct 3.....	2,454	.....	.....	Precinct 2.....	857	.....	.....
Norwalk township ¹¹	36,195	12,772	7,222	Precinct 3.....	615	.....	.....
Pasadena township, ¹⁸ including Arcadia, Pasadena, and Sierra Madre cities.....	36,195	12,772	7,222	Precinct 4.....	2,383	1,628	1,554
Arcadia city ¹⁶	606	.....	.....	Sausalito town.....	1,064	1,145	1,096
Pasadena city ¹⁸	50,291	9,117	4,822	Mariposa County.	3,958	4,720	3,787
Ward 1.....	6,352	.....	.....	Township 1, including Hornitos town.....	622	1,804	676
Ward 2.....	4,968	.....	.....	Hornitos town.....	169	205	276
Ward 3.....	6,065	.....	.....	Township 2.....	779	213	939
Ward 4.....	4,084	.....	.....	Township 3.....	630	794	583
Ward 5.....	6,493	.....	.....	Township 4.....	654	1,069	667
Ward 6.....	3,586	.....	.....	Township 5.....	1,271	1,100	822
Sierra Madre city ¹⁷	1,303	.....	.....		
Puente township ¹⁹	1,030	.....	.....		
Redondo township, including Hermosa Beach and Redondo Beach cities.....	5,016	942	668				
Hermosa Beach city ¹	679	.....	.....		
Redondo Beach city.....	2,855	855	603				

1 County totals include population (2,983 in 1900; 2,346 in 1890) of Wilmington township, part taken to form part of Gardena township and part annexed to Los Angeles city and township since 1900.
 2 Part taken to form part of Gardena township in 1905 and part annexed to Los Angeles city and township in 1906.
 3 Incorporated in 1868.
 4 Incorporated in 1904.
 5 Belvedere township organized from part of San Gabriel township in 1907.
 6 Part annexed to Los Angeles city and township in 1910.
 7 Incorporated in 1906.
 8 Part of Baltona township annexed in 1906, part of Wilmington township (including San Pedro city) annexed in 1909, and parts of Burbank and Caluenga townships annexed in 1910.
 9 Chatsworth Park and Lankershim townships organized from parts of San Fernando township in 1902 and 1905, respectively.
 10 Part taken to form part of Gardena township in 1905.
 11 Norwalk township organized from part of Downey township in 1907.
 12 Lexington township organized from part of El Monte township in 1907.
 13 Organized from parts of Baltona, Compton, and Wilmington townships in 1905.
 14 Malibu township organized from part of Santa Monica township in 1909.
 15 Parts of Pasadena township annexed to Pasadena city in 1904 and 1906.
 16 Incorporated in 1903.
 17 Incorporated in 1907.
 18 Puente township organized from part of Rowland township in 1907.
 19 Incorporated in 1901.
 20 Incorporated in 1905.
 21 County total includes population (578) of township 1, annexed to township 3 since 1900.
 22 Township 1 annexed in 1906.
 23 Incorporated in 1900.

STATISTICS OF POPULATION.

TABLE I.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Township means judicial township. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Mendocino County	23,929	12,465	17,612	Napa County	19,800	16,451	18,411
Anderson township.....	1,466	1,069	1,064	Hot Springs township, ¹⁸ including Callstoga town.....	1,344	4,093	4,577
Arena township, including Point Arena city.....	1,753	1,833	2,220	Callstoga town.....	751	690	.....
Point Arena city ²	497	.....	.....	Knox township.....	560	839	719
Big River township.....	3,531	2,347	2,450	Napa township, including Napa city.....	12,047	8,532	8,788
Cutler Cove township.....	862	1,100	1,345	Napa city.....	6,791	4,036	4,596
Little Lake township, including Willits town.....	2,947	952	1,048	Napa city.....	813	.....	.....
Willits town.....	1,183	791	816	Ward 1.....	1,245	.....	.....
Long Valley township.....	704	833	700	Ward 2.....	1,463	.....	.....
Potter Valley township, including Potter Valley town.....	676	752	538	Ward 3.....	763	.....	.....
Potter Valley town.....	676	663	.....	Ward 4.....	1,612	.....	.....
Round Valley township.....	918	933	975	Ward 5.....	.....	.....	.....
Sanel township.....	752	957	(³)	Ward 6.....	3,057	.....	.....
Tennessee River township, including Fort Bragg city.....	3,703	3,134	1,859	St. Helena township, ¹⁵ including St. Helena town.....	1,632	.....	1,706
Fort Bragg city.....	2,408	1,690	945	Yount township.....	2,792	2,882	2,327
Ward 1.....	1,102	.....	.....		
Ward 2.....	2,947	.....	.....	Nevada County	14,955	17,789	17,389
Ukiah township, ⁴ including Ukiah city.....	5,141	3,767	(⁵)	Bloomfield township.....	412	730	1,097
Ukiah city.....	2,158	1,860	1,827	Bridgeport township.....	543	845	1,053
Westport township.....	1,047	1,474	1,414	Eureka township.....	283	375	440
Round Valley Indian Reservation.....	616	599	.....	Grass Valley township, including Grass Valley city.....	6,251	7,043	6,798
				Grass Valley city.....	4,820	4,719	.....
Merced County	15,148	9,215	8,065	Little York township.....	340	544	(⁶)
Township 1.....	568	842	1,834	Meadow Lake township.....	2,308	2,059	1,714
Township 2, including Merced city.....	5,503	3,705	4,363	Nevada township, including Nevada City.....	3,958	4,883	4,013
Merced city.....	5,102	1,969	2,009	Nevada city.....	2,839	3,850	2,624
Township 3 ⁴ , including Los Banos city.....	3,218	3,223	1,858	Rough and Ready township.....	747	1,076	1,131
Los Banos city ⁴	746	.....	.....	Washington township.....	2,623	426	(⁷)
Township 4.....	669	656	.....			
Township 5.....	2,838	779	.....	Orange County	34,438	19,698	17,389
Town 6 ⁸	2,506	.....	.....	Anaheim township, including Anaheim town.....	4,051	2,261	2,917
Township 7 ⁴	1,325	.....	.....	Anaheim town.....	2,623	1,458	1,273
				Buena Park township, including Fullerton city.....	1,441	843	.....
Modoc County	6,191	5,076	4,986	Fullerton city ¹⁰	4,984	1,719	.....
Adin township.....	332	314	870	Fullerton city ¹⁰	1,726	.....	.....
Alturas township, ⁹ including Alturas town.....	2,070	1,269	1,145	Huntington Beach township, ¹⁹ including Huntington Beach city.....	1,058	.....	.....
Alturas town.....	216	.....	.....	Huntington Beach city ²⁰	816	.....	.....
Bidwell township.....	605	507	.....	Los Alamitos township.....	499	258	.....
Canby township ¹⁶	230	.....	.....	Orange township, including Orange city.....	5,430	3,293	2,721
Cedarville township.....	985	731	845	Orange city.....	1,341	1,616	.....
Dewey township.....	472	351	.....	Ward 1.....	1,552	.....	.....
Goose Lake township ¹¹	709	630	(¹¹)	Ward 2.....	1,667	.....	.....
Lake City township.....	462	434	972	San Juan township.....	967	905	801
Lookout township.....	317	354	.....	Santa Ana township, including Newport Beach and Santa Ana cities.....	11,501	6,680	4,220
				Newport Beach city ¹²	445	4,953	5,628
Mono County	2,042	2,167	2,002	Santa Ana city.....	8,429	.....	.....
Antelope township.....	288	324	356	Ward 1.....	1,101	1,758	.....
Benton township.....	374	168	295	Ward 2.....	1,864	.....	.....
Bodie township ¹³	698	965	779	Ward 3.....	1,986	.....	.....
Bridgeport township.....	312	373	335	Ward 4.....	1,761	.....	.....
Canon township.....	244	307	237	Ward 5.....	4,028	3,300	1,854
Masonic township ¹⁴	136	.....	.....	Yorba township.....	477	290	.....
Monterey County	24,140	12,380	18,637	Placer County	18,237	15,786	15,101
Ailsa township, including Salinas city.....	5,076	5,121	3,767	Township 1, including Roseville city.....	3,316	1,499	1,077
Salinas city.....	3,736	5,301	2,539	Roseville city ²¹	2,608	.....	.....
Ward 1.....	677	.....	.....	Township 2.....	1,171	1,301	1,036
Ward 2.....	1,465	.....	.....	Township 3, including Auburn city.....	4,136	3,249	2,968
Ward 3.....	1,012	.....	.....	Auburn city.....	2,376	2,559	1,536
Ward 4.....	674	.....	.....	Township 4.....	886	1,092	2,426
Bradley township ¹⁷	4,142	2,051	1,682	Township 5.....	563	877	1,088
Castroville township.....	459	659	933	Township 6.....	265	690	639
Cholame township.....	1,305	1,115	1,104	Township 7.....	187	841	923
Gonzales township.....	1,563	701	.....	Township 8.....	192	223	121
King Antonio township.....	6,833	3,420	4,677	Township 9, including Rocklin town.....	1,969	1,845	2,485
Monterey township, including Monterey city.....	4,983	1,748	1,682	Rocklin town ²²	1,028	1,050	7,056
Monterey city.....	2,384	1,439	.....	Township 10, including Lincoln town.....	1,725	1,459	1,301
Pacific Grove township, coextensive with Pacific Grove city.....	2,284	1,411	1,356	Lincoln town ²³	1,403	1,061	951
Pacific Grove city.....	2,284	1,439	.....	Township 11.....	502	622	467
Pajaro township.....	1,765	1,742	1,428	Township 12.....	249	304	.....
Peachtree township.....	478	610	1,103	Township 13, including Colfax city.....	1,923	891	.....
San Antonio township.....	814	933	1,117	Colfax city ²⁴	621	.....	.....
San Ardo township ¹⁸	365	.....	.....	Township 14.....	212	893	.....
Soledad township ¹⁴	1,194	833	1,720				

¹ County totals include population (695 in 1900; 814 in 1890) of Capella township, annexed to Ukiah township since 1900, and population (3,158 in 1900) of Sanel and Callista townships, not returned separately.

² Incorporated in 1908.
³ Not returned separately in 1890.
⁴ Capella township annexed in 1907.
⁵ Townships 6 and 7 organized from parts of township 3 in 1901 and 1906, respectively.

⁶ Incorporated in 1907.
⁷ County totals include population (436 in 1900; 429 in 1890) of Hot Springs township, annexed to form part of Canby township; population (560 in 1890) of Tule Lake township, part annexed to Alturas township and part taken to form part of Canby township since 1900; and population (725 in 1890) of Goose Lake and Tule Lake townships, not returned separately.

⁸ Parts of Goose Lake and Tule Lake townships annexed in 1903.
⁹ Incorporated in 1901.
¹⁰ Organized from Hot Springs township and part of Tule Lake township in 1903.

¹¹ Part annexed to Alturas township in 1903.
¹² Masonic township organized from part of Bodie township in 1903.
¹³ San Ardo township organized from part of Bradley township in 1903.
¹⁴ Boundaries changed since 1900.

¹⁵ St. Helena township organized from part of Hot Springs township in 1903.
¹⁶ County total includes population (1,123) of Little York and Washington townships, not returned separately in 1890.
¹⁷ County total includes population (1,076) of Tustin township, annexed to Santa Ana township between 1890 and 1900.

¹⁸ Incorporated in 1904.
¹⁹ Huntington Beach township organized from part of Westminster township in 1905.
²⁰ Incorporated in 1909.
²¹ Incorporated in 1906.
²² Returned as a city in 1900.
²³ Incorporated in 1910.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Township means judicial township. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census, 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Plumas County	6,269	4,667	4,933	San Bernardino County—Continued.			
Beekworth township.....	1,315	796	574	Chino township, including Chino city.....	2,862	1,607	
Goodwin township.....	294	398	458	Chino city ¹	1,444		
Indian township.....	1,223	1,200	1,258	Colton township, including Colton city.....	4,556	1,961	
Mineral township.....	437	411	496	Colton city.....	5,860	1,836	1,376
Plumas township.....	834	748	818	Cucamonga township.....	2,348	1,138	
Quartz township.....	750	553	935	Dale township ¹¹	41	63	
Seneca township.....	346	491	394	Hart township ¹²	40	40	
				Hesperia township.....	92	170	
Riverside County	34,696	17,897		Highland township.....	3,830	1,936	
Beaumont township.....	1,113	346		Keiso township ¹³	136	255	
Bergman township.....	328	170		Ludlow township ¹⁴	255		
Diamond township ¹	380	385		Mission township ¹⁵	1,811		
Elsinore township, including Elsinore city.....	960	646		Needles township ¹⁶	3,037	1,143	
Elsinore city.....	485	279		Ontario township, ¹⁷ including Ontario city.....	4,639	2,649	
Hemet township, including Hemet city.....	2,332	904		Ontario city ¹⁸	4,271	722	683
Hemet city ¹	892			Ontario Grande township ¹⁹	11,448	5,663	
Highgrove township ²	1,187	925		Redlands township, including Redlands city.....	10,149	4,797	1,804
Indio township ³	899	257		Redlands city.....	10,149	4,797	1,804
Moreno township.....	823	644		Precinct 1.....	1,094		
Murrieta township.....	765	764		Precinct 2.....	1,191		
Palo Verde township ⁴	557			Precinct 3.....	1,448		
Perris township.....	1,454	1,381		Precinct 4.....	1,068		
Riverside township, including Riverside city.....	15,718	8,163		Precinct 5.....	1,160		
Riverside city.....	16,212	7,973	4,683	Precinct 6.....	1,322		
Ward 1.....	1,728			Precinct 7.....	767		
Ward 2.....	2,732			Precinct 8.....	616		
Ward 3.....	2,834			Precinct 9.....	1,084		
Ward 4.....	5,056			Precinct 10.....	1,128		
Ward 5.....	2,076			Rialto township.....	1,538	880	
Ward 6.....	2,363			San Bernardino township, ²⁰ including San Bernardino city.....	14,648	8,658	
San Geronimo township ⁵	1,385	356		San Bernardino city.....	12,779	6,160	4,012
San Jacinto township, including San Jacinto city.....	1,267	854	667	Ward 1.....	1,466		
San Jacinto city.....	898	583		Ward 2.....	1,393		
Temescal township, including Corona city.....	4,374	1,919		Ward 3.....	2,564		
Corona city.....	5,640	1,434		Ward 4.....	2,279		
Thermal township ⁶	632			Ward 5.....	4,477		
West Riverside township ⁷	762			Silver Lake township ¹⁰	135		
				Upland township, ¹¹ including Upland city.....	2,534		
Sacramento County	67,900	45,915	40,339	Upland city.....	2,884		
Alabama township.....	698	412	414	Vanderhill township ¹²	149	328	
American township.....	169	159	648	Victor township ¹³	180	645	
Brighton township.....	2,605	1,402	1,282	Yermo township ¹⁴	578		
Center township.....	451	417	333				
Cosumnes township.....	262	358	443	San Diego County¹⁵	61,065	35,090	34,987
Dry Creek township.....	906	750	963	Alpine township.....	212		
Franklin township.....	2,545	1,980	1,885	Bonsall township.....	436		
Georgiana township.....	2,575	2,367	2,311	Campo township.....	639		
Granite township.....	2,505	1,940	1,970	Coronado township, including Coronado city.....	1,482		
Lee township.....	438	494	541	Coronado city.....	1,477	936	
Mississippi township.....	1,223	630	316	Dehesa township.....	160		
Natoma township.....	2,508	200	318	Del Mar township.....	536		
Riverside township ⁸	1,780			El Cajon township ²¹	1,070		
Sacramento city.....	44,696	29,282	26,386	Encinitas township.....	665		
Ward 1.....	2,830			Esccondido township, including Esccondido city.....	3,427		
Ward 2.....	4,856			Esccondido city.....	1,354	755	641
Ward 3.....	4,466			Fallbrook township.....	816		
Ward 4.....	3,826			Jarvis township.....	418		
Ward 5.....	6,848			Julian township.....	608		
Ward 6.....	4,970			Lakeside township ²²	728		
Ward 7.....	6,074			Lemon Grove township.....	825		
Ward 8.....	6,671			Mesa Grande township.....	485		
Ward 9.....	6,611			Mission township.....	2,411		
San Joaquin township.....	2,236	1,289	1,383	National township, including National City.....	2,998		
Sutter township.....	5,607	3,695	2,696	National City.....	1,753	1,086	1,563
				Otay township.....	1,206		
San Benito County	8,041	6,633	6,412	Pala township.....	354		
Hollister township, including Hollister town.....	4,390	3,118	2,700	Palomar township.....	134		
Hollister town.....	2,308	1,515	1,234	Ramona township.....	849		
Panache township.....	455	461		San Diego township, coextensive with San Diego city.....	39,578	17,700	
San Benito township.....	822	848	1,126	San Diego city.....	39,578	17,700	16,160
San Juan township, including San Juan town.....	1,398	1,308	1,112	Ward 1.....	6,650		
San Juan town.....	326	419	463	Ward 2.....	4,418		
Tres Pinos township.....	796	868	1,471	Ward 3.....	2,354		
				Ward 4.....	4,948		
San Bernardino County	66,709	27,929	25,487	Ward 5.....	3,110		
Barstow township ¹⁰	1,066			Ward 6.....	2,375		
Belleville township ¹⁰	374	972		Ward 7.....	3,428		
Calzona township ¹¹	97			Ward 8.....	4,687		
				Ward 9.....	6,185		
				San Luis Rey township, including Oceanside city.....	1,450		
				Oceanside city.....	673	350	
				Valley Center township.....	277		

¹ County total includes population (203) of Mission Indian Reservation, returned independently in 1900.

² Returned as Winchester in 1900.

³ Incorporated in 1910.

⁴ Name changed from Union in 1910. Part taken to form West Riverside township in 1902.

⁵ Palo Verde and Thermal townships organized from parts of Indio township in 1905 and 1908, respectively.

⁶ Returned as Gorgonio in 1900.

⁷ Organized from part of Highgrove township in 1902.

⁸ Riverside township organized from part of Sutter township in 1909.

⁹ No comparison of population for 1890 can be made; information as to changes in minor civil divisions incomplete.

¹⁰ Barstow, Ludlow, Silver Lake, and Yermo townships organized from parts of Belleville township in 1900, 1902, 1907, and 1908, respectively.

¹¹ Calzona township organized from parts of Dale and Needles townships in 1909.

¹² Hart and Kelso townships organized from parts of Vanderhill township in 1908.

¹³ Mission township organized from part of San Bernardino township in 1900.

¹⁴ Part taken to form Upland township in 1906 and part annexed to Ontario city in 1901.

¹⁵ Part of Ontario township annexed in 1901.

¹⁶ Oro Grande township organized from part of Victor township in 1908.

¹⁷ Organized from part of Ontario township in 1906.

¹⁸ Incorporated in 1906.

¹⁹ Part taken to form Imperial County in 1907.

²⁰ No comparison of population for 1890 can be made; county redistricted in 1907.

²¹ Lakeside township organized from part of El Cajon township in 1910.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Township means judicial township. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. 1, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
San Francisco County	418,912	342,782	298,997	Santa Barbara County—Continued.			
San Francisco city, coextensive with San Francisco County.....	416, 912	342, 782	298, 997	Township 4.....	1, 388	1, 725	1, 045
San Francisco city:				Township 5, including Lompoc town	2, 984	2, 428	2, 330
Assembly district 28.....	11, 573			Lompoc town.....	1, 432	872	1, 016
Assembly district 29.....	5, 885			Township 6.....	1, 164	583	630
Assembly district 30.....	7, 658			Township 7, including Santa Maria city.....	3, 400	2, 801	1, 880
Assembly district 31.....	18, 787			Santa Maria city ¹	2, 260		
Assembly district 32.....	31, 879			Ward 1.....	757		
Assembly district 33.....	44, 088			Ward 2.....	491		
Assembly district 34.....	36, 970			Ward 3.....	1, 062		
Assembly district 35.....	28, 588			Township 8.....	850	575	775
Assembly district 36.....	12, 844			Township 9.....	895	764	
Assembly district 37.....	35, 890			Township 10 ⁷	1, 056		
Assembly district 38.....	27, 925						
Assembly district 39.....	61, 664			Santa Clara County.	83, 539	60, 218	48, 005
Assembly district 40.....	25, 076			Almaden township.....	755	1, 599	1, 932
Assembly district 41.....	25, 372			Alviso township, ⁸ coextensive with Alviso town.	402	529	967
Assembly district 42.....	8, 810			Alviso town.....	402		
Assembly district 43.....	9, 378			Burnett township, including Morgan Hill town.	2, 250	1, 397	659
Assembly district 44.....	21, 807			Morgan Hill town.....	1, 106		
Assembly district 45.....	22, 806			Campbell township ¹⁰	1, 992		
				Fremont township, ¹¹ including Mountain View town.....	3, 267	2, 402	1, 536
San Joaquin County	50,791	35,452	28,829	Mountain View town.....	1, 161		
Castoria township ¹	2, 048	1, 457	1, 320	Gilroy township, including Gilroy city.....	5, 039	4, 003	3, 268
Dent township ¹	1, 985	1, 240	1, 011	Gilroy city.....	2, 137	1, 820	1, 694
Douglas township ¹	1, 405	1, 345	1, 506	Ward 1.....	1, 271		
Elkhorn township, including Lodi city.....	5, 985	2, 427	2, 287	Ward 2.....	1, 106		
Lodi city ²	2, 697			Mayfield township, including Mayfield town.....	2, 224	1, 279	1, 100
Elliott township.....	1, 545	1, 576	1, 765	Mayfield town ¹³	1, 041		
Liberty township.....	1, 234	577	656	Milpitas township.....	1, 684	1, 223	1, 150
O'Neal township.....	9, 116	4, 856	3, 287	Palo Alto township, coextensive with Palo Alto city ¹⁴	4, 486	1, 658	
Stockton township, coextensive with Stockton city.....	23, 253	17, 506	14, 424	Redwood township, including Los Gatos town.....	4, 299	3, 510	2, 978
Stockton city:				Los Gatos town.....	2, 252	1, 916	1, 662
Ward 1.....	5, 850			San Jose township, including East San Jose town and San Jose city.....	43, 767	31, 987	26, 500
Ward 2.....	6, 035			East San Jose town ⁵	1, 661		
Ward 3.....	4, 194			San Jose city.....	28, 926	21, 500	18, 000
Ward 4.....	6, 576			Ward 1.....	8, 701		
Morro township.....	3, 321	2, 797	1, 401	Ward 2.....	8, 401		
Union township.....	849	1, 641	872	Ward 3.....	9, 067		
				Ward 4.....	7, 817		
San Luis Obispo County	19,383	16,637	16,072	Santa Clara township, ⁶ including Santa Clara town.....	9, 759	9, 240	6, 577
Arroyo Grande township.....	3, 646	3, 319	3, 434	Santa Clara town.....	4, 548	5, 660	2, 891
Cholama township.....	1, 419	514	806	Saratoga township.....	1, 756	1, 389	1, 330
Morro township.....	2, 255	1, 812	1, 517	Sunnyvale township ¹¹	1, 859		
Nipomo township.....	1, 348	926					
Paso Robles township, ¹ including Paso Robles city.....	2, 321	2, 411	1, 524	Santa Cruz County	28,140	18,212	18,270
Paso Robles city.....	1, 224	1, 224	827	Aptos township ¹²	961		
Pozo township ¹	354	512	810	Boulder Creek township, ¹³ including Boulder Creek town.....	1, 015	2, 819	2, 067
Salinas township.....	877	943	1, 728	Boulder Creek town.....	344		
San Luis Obispo township, including San Luis Obispo city.....	5, 326	3, 216	3, 359	Felton township ¹⁴	1, 104		
San Luis Obispo city.....	6, 157	3, 021	2, 895	Branciforte township, including ward 7 and part of ward 6 of Santa Cruz city.....	4, 064	18, 218	18, 248
San Miguel township.....	830	1, 022	1, 063	Santa Cruz city (part of).....	3, 795		
San Simeon township.....	1, 028	1, 036	931	Total for Santa Cruz city in Branciforte and Santa Cruz townships.....	11, 148	5, 659	5, 596
Santa Margarita township.....	918	896		Ward 1.....	1, 514		
				Ward 2.....	1, 486		
San Mateo County	26,585	12,094	10,087	Ward 3.....	2, 069		
Township 1, including South San Francisco city.....	9, 173	2, 452	1, 828	Ward 4.....	1, 850		
South San Francisco city ³	1, 939			Ward 5.....	1, 038		
Township 2, including Burlingame town and San Mateo city.....	8, 659	3, 298	2, 005	Ward 6.....	1, 607		
Burlingame town ⁴	1, 666			Ward 7.....	1, 682		
San Mateo city.....	4, 844	1, 788		Santa Cruz township, including wards 1 to 5, and part of ward 6 of Santa Cruz city.....	9, 457	18, 571	18, 736
Township 3, including Redwood city.....	5, 814	3, 953	3, 744	Santa Cruz city (part of).....	4, 164		
Redwood city.....	4, 148	1, 658	1, 576	Soquel township ¹⁶	1, 781	2, 987	2, 852
Township 4.....	1, 923	1, 383	1, 495	Watsonville township, ¹⁷ including Watsonville city.....	7, 758	7, 058	4, 821
Township 5.....	1, 016	1, 008	1, 015	Watsonville city.....	4, 446	5, 828	2, 149
				Ward 1.....	1, 178		
Santa Barbara County	27,738	18,934	15,754	Ward 2.....	1, 342		
Township 1.....	2, 477	2, 171	1, 683	Ward 3.....	918		
Township 2, coextensive with Santa Barbara city.....	11, 659	6, 557	5, 864	Ward 4.....	1, 008		
Santa Barbara city:							
Ward 1.....	1, 653			Shasta County	18,920	17,318	20,123
Ward 2.....	1, 746			Township 1, Shasta.....	539	1, 191	
Ward 3.....	870			Township 2, Redding, including Redding city.....	3, 972	2, 301	
Ward 4.....	1, 371			Redding city.....	3, 572	2, 845	1, 881
Ward 5.....	1, 634			Township 3, Keswick, including Coram town.....	1, 437	1, 221	
Ward 6.....	1, 549			Coram town ¹⁸	606		
Ward 7.....	2, 806			Township 4, Igo.....	710	918	
Township 3.....	1, 835	2, 100	1, 547				

¹ Parts of Dent township annexed to Castoria and Douglas townships in 1907.
² Incorporated in 1900.
³ Part of Tulare township annexed to O'Neal township in 1904.
⁴ Name changed from Hot Springs in 1902.
⁵ Name changed from San Jose in 1902.
⁶ Incorporated in 1908.
⁷ Township 10 organized from part of township 7 in 1906.
⁸ Incorporated in 1905.
⁹ Part of Alviso township annexed to Milpitas township in 1905.
¹⁰ Campbell township organized from part of Santa Clara township in 1909.
¹¹ Sunnyvale township organized from part of Fremont township in 1909.
¹² Incorporated in 1902.

¹³ Incorporated in 1903.
¹⁴ Incorporated as a city in 1909.
¹⁵ County totals include population (5,659 in 1900; 5,596 in 1890) of Santa Cruz city, returned independently.
¹⁶ Aptos and Soquel townships returned as Soquel township in 1900.
¹⁷ Boulder Creek and Felton townships returned as San Lorenzo township in 1900.
¹⁸ Exclusive of population of Santa Cruz city.
¹⁹ Returned as Keswick in 1900.
²⁰ No comparison of population can be made; county redistributed between 1890 and 1900.
²¹ Incorporated in 1910.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Township means judicial township. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Shasta County—Continued.				Sonoma County			
Township 5, Harrison Gulch.....	383	570	.....	Analy township, including Sebastopol town.....	5,651	3,526	2,709
Township 6, Anderson.....	1,801	1,610	.....	<i>Sebastopol town</i> ¹⁶	1,233	.....	.....
Township 7, Shadetown.....	752	1,107	.....	<i>Ward 1</i>	657	.....	.....
Township 8, Millville.....	679	755	.....	<i>Ward 2</i>	656	.....	.....
Township 9, Round Mountain.....	815	864	.....	Bodega township, including Cloverdale town.....	1,553	1,499	1,558
Township 10, Burney Valley.....	725	754	.....	<i>Cloverdale town</i>	1,733	1,901	1,654
Township 11, Fall River.....	881	854	.....	<i>Cloverdale</i> ¹⁷	620	750	768
Township 12, Buckeye.....	1,479	1,582	.....	Glen Ellen township ¹⁸	1,705	.....	.....
Township 13, Sacramento River.....	1,078	1,075	.....	Knights Valley township.....	398	525	418
Township 14, French Gulch.....	735	414	.....	Mendocino township, including Healdsburg city.....	4,576	4,313	3,469
Township 15, Delta.....	2,786	.....	.....	<i>Healdsburg city</i>	2,011	1,859	1,486
Sierra County	4,098	2,4017	2,5051	Ocean township.....	842	780	967
Butte township ¹	385	1,296	1,973	Petaluma township, including Petaluma city.....	8,767	5,814	5,304
Downville township ²	751	.....	.....	<i>Petaluma city</i>	6,389	5,871	5,693
Forest township ³	725	712	664	<i>Precinct 1</i>	607	.....	.....
Sierra No. 1 township ⁴	585	.....	.....	<i>Precinct 2</i>	729	.....	.....
Sierra No. 2 township, ⁵ including Loyaltown town.....	1,261	.....	.....	<i>Precinct 3</i>	1,500	.....	.....
<i>Loyaltown town</i> ⁶	883	.....	.....	<i>Precinct 4</i>	826	.....	.....
Table Rock township ⁷	391	199	289	<i>Precinct 5</i>	661	.....	.....
Siskiyou County	18,801	16,962	12,163	<i>Precinct 6</i>	882	.....	.....
Butte township, including Slisson town.....	1,188	1,539	1,304	<i>Precinct 7</i>	916	.....	.....
<i>Sisson town</i> ¹⁰	636	.....	.....	Redwood township.....	959	1,357	1,375
<i>Ward 1</i>	476	.....	.....	Russian River township.....	1,699	1,625	1,218
<i>Ward 2</i>	161	.....	.....	Salt Point township.....	865	869	952
Callahan township.....	510	567	448	Santa Rosa township, including Santa Rosa city.....	13,560	10,985	8,620
Edgewood township.....	2,267	1,386	710	<i>Santa Rosa city</i>	7,817	6,673	6,280
Etna township, including Etna town.....	1,099	1,069	782	<i>Ward 1</i>	1,216	.....	.....
<i>Etna town</i>	518	500	271	<i>Ward 2</i>	1,662	.....	.....
Greenview township ¹¹	602	.....	.....	<i>Ward 3</i>	1,197	.....	.....
Happy Camp township.....	377	483	403	<i>Ward 4</i>	897	.....	.....
Lake township, including Dorris town.....	2,131	767	722	<i>Ward 5</i>	1,373	.....	.....
<i>Dorris town</i> ¹²	518	.....	.....	<i>Ward 6</i>	1,475	.....	.....
Liberty township ¹³	708	1,086	738	Sonoma township, ¹⁴ including Sonoma town.....	2,765	3,172	2,580
Mott township, including Dunsmuir town.....	2,071	1,254	1,173	<i>Sonoma town</i>	667	652	567
<i>Dunsmuir town</i> ¹⁴	1,719	.....	.....	Vallejo township.....	2,071	1,671	1,347
Mountain township.....	278	1,300	1,162	Washington township.....	1,149	1,783	641
Oak Bar township.....	389	508	613	Stanislaus County	22,622	9,560	10,040
Scott River township, ¹⁵ including Fort Jones town.....	798	1,490	1,128	La Grange township.....	552	586	2,644
<i>Fort Jones town</i>	516	866	866	Modesto township, including Modesto city.....	7,258	2,969	3,432
Somes Bar township ¹⁶	248	.....	.....	<i>Modesto city</i>	4,054	2,081	2,102
Squaw Valley township.....	2,061	1,101	70	Newman township, including Newman town.....	2,835	1,760	1,588
Table Rock township, including Montague town.....	651	1,183	1,231	<i>Newman town</i> ¹⁷	698	.....	.....
<i>Montague town</i> ¹⁴	274	.....	.....	Oakdale township, including Oakdale city.....	2,455	2,531	2,406
Yreka township, including Yreka town.....	2,556	2,235	1,719	<i>Oakdale city</i> ¹⁸	1,035	.....	.....
<i>Yreka town</i>	1,184	1,254	1,100	Turlock township, including Turlock city.....	3,189	946	.....
<i>Ward 1</i>	629	.....	.....	<i>Turlock city</i> ¹⁹	1,873	.....	.....
<i>Ward 2</i>	606	.....	.....	Waterford township.....	1,183	738	.....
Solano County	27,659	24,143	20,946	Sutter County	6,328	5,888	5,469
Benicia township, including Benicia city.....	2,739	3,174	2,961	Butte township.....	883	1,001	977
<i>Benicia city</i>	2,920	2,751	2,867	Nikolaus township.....	905	921	1,086
Denverton township.....	260	280	321	Sutter township.....	1,501	1,371	1,342
Elmira township.....	494	717	869	Vernon township.....	1,192	1,105	983
Green Valley township.....	960	757	774	Yuba township, including Yuba City town.....	1,847	1,488	1,071
Maine Prairie township.....	205	232	274	<i>Yuba City town</i> ²⁰	1,100	.....	.....
Montezuma township.....	481	423	494	Tehama County	11,401	10,996	9,918
Rio Vista township, including Rio Vista town.....	1,628	1,500	1,236	Corning township, including Corning city.....	2,555	2,269	1,280
<i>Rio Vista town</i>	884	632	648	<i>Corning city</i> ²¹	972	.....	.....
Silverville township, including Dixon town.....	1,853	1,586	1,369	Cottonwood township.....	439	479	619
<i>Dixon town</i>	827	783	1,082	Paskenta township.....	517	836	813
Suisun township, including Fairfield and Suisun City towns.....	3,423	2,158	2,140	Red Bluff township, including Red Bluff city.....	5,210	4,583	4,285
<i>Fairfield town</i>	824	.....	.....	<i>Red Bluff city</i>	3,530	2,750	2,608
<i>Suisun City town</i>	641	685	499	<i>Ward 1</i>	761	.....	.....
Tremont township.....	373	403	440	<i>Ward 2</i>	1,159	.....	.....
Vacaville township, including Vacaville town.....	3,008	4,110	2,712	<i>Ward 3</i>	728	.....	.....
<i>Vacaville town</i>	1,177	1,230	725	<i>Ward 4</i>	777	.....	.....
Vallejo township, including Vallejo city.....	12,138	8,637	6,866	Sierra township.....	1,126	1,192	829
<i>Vallejo city</i>	11,310	7,966	6,343	Tehama township, including Tehama town.....	851	920	864
<i>Ward 1</i>	5,739	.....	.....	<i>Tehama town</i> ²²	291	747	1,226
<i>Ward 2</i>	484	.....	.....	Utsa township.....	703	727	.....
<i>Ward 3</i>	693	.....	.....		

¹ Township 15 organized from part of township 13 in 1904.
² County totals include population (221 in 1900; 177 in 1900) of Gibson township and population (327 in 1900; 469 in 1890) of Sears township annexed to Table Rock township; population (215 in 1900; 349 in 1890) of Lincoln township, part taken to form part of Downville township and part annexed to Forest township; population (117 in 1900; 168 in 1890) of Onedia township, taken to form part of Sierra No. 2 township; and population (330 in 1900; 962 in 1890) of Sierra township, taken to form Sierra No. 1 township and part of Sierra No. 2 township, since 1900.
³ Part taken to form part of Downville township in 1901.
⁴ Organized from parts of Butte, Forest, and Lincoln townships in 1901.
⁵ Part taken to form part of Downville township in 1901; part of Lincoln township annexed in 1901.
⁶ Organized from part of Sierra township in 1901.

⁷ Organized from Onedia township and part of Sierra township in 1901.
⁸ Incorporated in 1901.
⁹ Gibson and Sears townships annexed in 1901.
¹⁰ Incorporated in 1903.
¹¹ Greenview township organized from part of Scott Valley township in 1901.
¹² Incorporated in 1908.
¹³ Some Bar township organized from part of Liberty township in 1909.
¹⁴ Incorporated in 1909.
¹⁵ Incorporated in 1902.
¹⁶ Glen Ellen township organized from part of Sonoma township in 1901.
¹⁷ Incorporated in 1906.
¹⁸ Incorporated in 1907.

TABLE I.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Township means judicial township. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Trinity County.	3,301	4,383	4,719	Ventura County.	18,847	24,367	21,071
Hay Fork township ¹	689	490	407	Fillmore township.....	2,138	.....	.....
Junction City township ²	606	309	403	Ojai township.....	1,100	.....	.....
Mad River township ³	423	319	261	Oxnard township, including Oxnard city.....	5,962	.....	.....
Trinity Center township ⁴	910	778	318	Oxnard city ⁵	2,656	.....	.....
Weaverville township.....	674	968	768	Santa Paula township, including Santa Paula city.....	3,347	.....	.....
				Santa Paula city ⁶	2,216	.....	.....
				Slimi township.....	748	.....	.....
Tulare County.	36,440	48,375	724,674	Ventura township, including Ventura city.....	5,052	.....	.....
Allia township.....	747	481	.....	Ventura city.....	2,845	2,470	2,380
Alpaugh township ⁷	323	.....	.....	Precinct 5.....	2,216	.....	.....
Angiola township.....	377	110	.....	Precinct 5.....	890	.....	.....
Ducor township ⁸	508	.....	.....	Precinct 5.....	1,128	.....	.....
Exeter township.....	1,458	1,027	.....			
Farmersville township.....	1,050	(⁹)	.....	Yolo County.	13,926	23,618	22,684
Kewash township, including Dinuba town.....	4,067	1,915	4,068	Becks township.....	421	574	.....
Dinuba town ¹⁰	870	.....	.....	Cacheville township.....	636	614	556
Lemon Cove township ¹¹	949	.....	.....	Capay township ¹²	855	506	898
Lindsay township, including Lindsay town.....	2,381	422	.....	Clarksburg township.....	596	758	658
Lindsay town ¹³	1,814	.....	.....	Cottonwood township.....	626	750	937
Orosi township.....	2,246	1,457	.....	Dunnigan township ¹⁴	333	.....	.....
Plano township, including Tuia River Indian Reservation.....	1,638	901	.....	Grafton township.....	770	621	1,034
Tuia River Indian Reservation.....	148	143	.....	Guida township.....	543	776	.....
Porterville township, ¹⁵ coextensive with Porterville city.....	2,696	.....	.....	Futah township.....	1,047	1,042	978
Porterville city: ¹⁶				Washington township.....	1,785	1,398	1,247
Ward 1.....	605	.....	.....	Winters township, including Winters town.....	1,629	1,637	1,158
Ward 2.....	644	.....	.....	Winters town.....	910	758	.....
Ward 3.....	648	.....	.....	Woodland township, including Woodland city.....	4,384	4,302	4,523
Ward 4.....	456	.....	.....	Woodland city.....	3,187	2,838	2,098
Ward 5.....	400	.....	.....	Ward 1.....	1,659	.....	.....
Springville township ¹⁷	617	890	.....	Ward 2.....	1,601	.....	.....
Tipton township ¹⁸	487	.....	.....		
Tulare township, including Tulare city.....	4,819	3,441	4,646	Yuba County.	10,042	8,620	9,688
Tulare city.....	2,758	2,212	2,697	East Bear River township, including Wheatland town.....	936	916	1,029
Tule River township ¹⁹	1,825	2,161	5,503	Wheatland town.....	481	482	630
Visalia township, ²⁰ including Visalia city.....	7,055	4,948	4,293	Fosters Bar township.....	381	528	430
Visalia city.....	4,569	5,088	2,885	Linda township.....	805	352	296
Ward 1.....	682	.....	.....	Long Bar township.....	416	474	480
Ward 2.....	776	.....	.....	Marysville township, including Marysville city.....	5,825	3,991	4,635
Ward 3.....	509	.....	.....	Marysville city.....	5,430	5,447	5,961
Ward 4.....	559	.....	.....	Ward 1.....	1,801	.....	.....
Ward 5.....	848	.....	.....	Ward 2.....	821	.....	.....
Ward 6.....	1,078	.....	.....	Ward 3.....	1,441	.....	.....
White River township.....	362	389	539	Ward 4.....	1,767	.....	.....
Woodville township ²¹	565	.....	.....	New York township.....	370	630	770
				Northeast township.....	100	150	249
Tuolumne County.	9,879	11,166	6,082	Parks Bar township.....	264	250	243
Township 1, ²² including Sonora city.....	2,748	2,123	3,024	Rosa Bar township.....	321	467	723
Sonora city.....	5,029	1,922	1,441	Slate Range township.....	333	600	455
Township 2 ²³	1,276	1,137	1,034	West Bear River township.....	291	252	302
Township 3.....	701	1,201	837				
Township 4 ²⁴	2,236	1,589	1,187				
Township 5.....	3,018	3,157	.....			

¹ County totals include population (169 in 1900; 58 in 1890) of Canyon Creek township and population (322 in 1900; 507 in 1890) of New River and North Fork townships, annexed to Junction City township; population (575 in 1900; 566 in 1890) of Lewiston township and population (116 in 1900; 81 in 1890) of Minersville township, annexed to Trinity Center township; and population (345 in 1900; 230 in 1890) of Douglas City township, annexed to Hay Fork township, since 1900.

² Douglas City township annexed in 1904.
³ Canyon Creek, New River, and North Fork townships annexed in 1904.
⁴ Name changed from Long Ridge to 1904.
⁵ Lewiston and Minersville townships annexed in 1904.
⁶ County total includes population (143) of Tule River Indian Reservation, returned independently in 1900.
⁷ County total includes population (5,525) of Mussel Slough township, taken to form Kings County between 1890 and 1900.
⁸ Organized from part of Tipton township in 1907.
⁹ Ducor, Porterville, and Springville townships organized from parts of Tule River township in 1909, 1904, and 1901, respectively.
¹⁰ Not returned separately in 1900.

¹¹ Incorporated in 1902.
¹² Lemon Cove township organized from part of Visalia township in 1906.
¹³ Incorporated in 1910.
¹⁴ Tipton and Woodville townships returned as Tipton township in 1900. Part taken to form Alpaugh township in 1907.
¹⁵ Returned with Tipton township in 1900.
¹⁶ County total includes population (1,959) of township 6, annexed to township 4 since 1900.
¹⁷ Part annexed to township 2 in 1902.
¹⁸ Parts of townships 1 and 4 annexed in 1902.
¹⁹ Part annexed to township 2 in 1902; township 6 annexed in 1902.
²⁰ No comparison of population can be made; county restricted in 1906 and 1910.
²¹ Incorporated in 1905.
²² County total includes population (671 in 1900; 770 in 1890) of Fairview township, part taken to form Dunnigan township and part annexed to Capay township since 1900.
²³ Part of Fairview township annexed in 1904.
²⁴ Organized from part of Fairview township in 1904.

TABLE 2.—POPULATION OF INCORPORATED PLACES: 1910, 1900, AND 1890.

CITY OR TOWN.	County.	1910	1900	1890	CITY OR TOWN.	County.	1910	1900	1890
Alameda city	Alameda	23,383	16,464	11,165	Lincoln town	Placer	1,402	1,061	961
Albany city	Alameda	808			Lindsay town	Tulare	1,814		
Alhambra city	Los Angeles	5,021			Livermore town	Alameda	2,030	1,493	1,391
Alturas town	Modoc	916			Lodi city	San Joaquin	2,987		
Arviso town	Santa Clara	402			Lompoc town	Santa Barbara	1,482	972	1,016
Arnhem town	Orange	2,628	1,456	1,273	Long Beach city	Los Angeles	17,809	2,252	564
Antioch town	Contra Costa	1,124	674	635	Lordsburg city	Los Angeles	954		
Artesia city	Los Angeles	696			Los Angeles city	Los Angeles	319,138	102,479	50,395
Arcata town	Humboldt	1,121	952	962	Los Banos city	Merced	745		
Auburn city	Placer	2,376	2,050	1,595	Los Gatos town	Santa Clara	2,232	1,915	1,652
Azusa city	Los Angeles	1,477	863		Loyaltown town	Sierra	983		
Bakersfield city	Kern	12,727	4,836	2,626	Madera city	Madera	2,404		
Belvedere town	Marin	481	434		Martinez town	Contra Costa	2,115	1,380	1,600
Benicia city	Solano	2,360	2,751	2,301	Marysville city	Yuba	5,430	3,497	3,991
Berkeley city	Alameda	40,454	13,214	5,101	Mayfield town	Santa Clara	1,041		
Biggs city	Butte	403			Merced city	Merced	3,102	1,969	2,009
Bishop city	Inyo	1,190			Mill Valley town	Marin	2,651		
Black Diamond town	Contra Costa	2,372			Modesto city	Stanislaus	4,034	2,024	2,402
Blue Lake town	Humboldt	507			Monrovia city	Los Angeles	3,576	1,205	907
Boulder Creek town	Santa Cruz	544			Montague town	Siskiyou	274		
Brawley city	Imperial	881			Monterey city	Monterey	4,923	1,748	1,662
Burlingame town	San Mateo	1,565			Morgan Hill town	Santa Clara	607		
Calxico city	Imperial	797			Mountain View town	Santa Clara	1,161		
Calistoga town	Butte	751	690		Napa city	Napa	5,791	4,036	4,396
Chico city	Butte	3,750	2,640	2,894	National City	San Diego	1,733	1,086	1,353
Chino city	San Bernardino	1,444			Nevada City	Nevada	2,689	3,250	2,624
Claremont city	Los Angeles	1,114			Newman town	Stanislaus	802		
Cloverdale town	Socoma	823	750	763	Newport Beach city	Orange	445		
Coalinga city	Fresno	4,199			Oakdale city	Stanislaus	1,035		
Colfax city	Placer	621			Oakland city	Alameda	150,174	66,960	48,682
Colton city	San Bernardino	3,980	1,285	1,316	Ocean Park city	Los Angeles	3,119		
Colusa town	Colusa	1,582	1,441	1,336	Oceanside city	San Diego	673	330	
Compton city	Los Angeles	922			Ontario city	San Bernardino	4,274	722	683
Concord town	Contra Costa	703			Orange city	Orange	2,920	1,216	856
Coram town	Shasta	666			Orland town	Glenn	836		
Corning city	Tehama	972			Orville city	Butte	3,859		
Corona city	Riverside	3,540	1,434		Oxnard city	Ventura	2,555		
Coronado city	San Diego	1,477	935		Pacific Grove city	Monterey	2,384	1,411	1,336
Covina city	Los Angeles	1,652			Palo Alto city	Santa Clara	4,486	1,658	
Crescent city	Del Norte	1,114	699	907	Pasadena city	Los Angeles	30,291	9,117	4,882
Dinuba town	Tulare	970			Paso Robles city	San Luis Obispo	1,441	1,224	827
Dixon town	Solano	827	783	1,062	Petaluma city	Sonoma	5,880	3,871	3,662
Dorris town	Siskiyou	214			Piedmont city	Alameda	1,719		
Dunsmuir town	Siskiyou	1,719			Pineole town	Glenn	878		
East San Jose town	Santa Clara	1,661			Placerville city	Eldorado	1,914	1,748	1,690
El Centro city	Imperial	1,610			Pleasanton town	Alameda	1,254	1,100	
Elsinore city	Riverside	488	279		Point Arena city	Mendocino	497		
Emeryville town	Alameda	2,613	1,016	228	Pomona city	Los Angeles	10,207	8,526	3,634
Esccondido city	San Diego	1,334	755	641	Porterville city	Tulare	2,696		
Etna town	Siskiyou	518	800	271	Potter Valley town	Mendocino	676	563	608
Eureka city	Humboldt	11,845	7,327	4,858	Red Bluff city	Tehama	3,530	2,750	2,608
Fairfield town	Solano	834			Redding city	Shasta	3,572	2,946	1,821
Ferndale town	Humboldt	905	846	763	Redlands city	San Bernardino	10,449	4,737	1,904
Fort Bragg city	Mendocino	2,408	1,590	945	Redondo Beach city	Los Angeles	2,348	853	603
Fort Jones town	Siskiyou	316	356	266	Redwood city	San Mateo	2,442	1,653	1,572
Fortuna town	Humboldt	883			Richmond city	Contra Costa	6,802		
Fowler town	Fresno	675			Rio Vista town	Solano	884	682	648
Fresno city	Fresno	24,892	12,470	10,818	Riverside city	Riverside	15,212	7,973	4,683
Fullerton city	Orange	1,725			Rocklin town	Placer	1,026	1,050	1,056
Gilroy city	Santa Clara	2,437	1,820	1,694	Roseville city	Placer	2,698		
Glendale city	Los Angeles	2,746			Ross town	Marin	586		
Grass Valley city	Nevada	4,520	4,719		Sacramento city	Sacramento	44,696	29,282	26,386
Gridley city	Butte	967			St. Helena town	Yuba	1,603	1,582	1,708
Hanford city	Kings	4,899	2,929	942	Salinas city	Monterey	3,735	3,304	2,339
Hayward town	Alameda	2,746	1,965	1,419	San Anselmo town	Marin	1,531		
Healdsburg city	Socoma	2,011	1,869	1,485	San Bernardino city	San Bernardino	12,779	6,150	4,012
Hemet city	Riverside	992			San Diego city	San Diego	39,578	17,700	16,159
Hercules town	Contra Costa	279			San Francisco city	San Francisco	416,912	342,782	268,997
Hermosa Beach city	Los Angeles	679			San Jacinto city	Riverside	898	583	661
Hollister town	San Benito	2,308	1,315	1,234	San Jose city	Santa Clara	28,946	21,500	18,060
Holtville city	Imperial	729			San Juan town	San Benito	526	449	463
Hornitos town	Imperial	160	205	276	San Leandro city	Alameda	3,471	2,253	
Huntington Beach city	Orange	815			San Luis Obispo city	San Luis Obispo	5,157	3,021	2,995
Huntington Park city	Los Angeles	1,299			San Mateo city	San Mateo	4,384	1,832	
Imperial city	Imperial	1,257			San Rafael city	Marin	5,934	3,879	3,290
Inglewood city	Los Angeles	1,536			Santa Ana city	Orange	8,429	4,933	3,628
Jackson city	Amador	2,035			Santa Barbara city	Santa Barbara	11,659	6,587	5,864
Kingsburg city	Fresno	634			Santa Clara town	Santa Clara	4,348	3,650	2,891
Lakeport town	Lake	870	726	991	Santa Cruz city	Santa Cruz	11,140	5,659	5,596
Larkspur town	Marin	694			Santa Maria city	Santa Barbara	2,210		
Lemoore city	Kings	1,606			Santa Monica city	Los Angeles	7,547	3,057	1,580

TABLE 2.—POPULATION OF INCORPORATED PLACES: 1910, 1900, AND 1890—Continued.

CITY OR TOWN.	County.	1910	1900	1890	CITY OR TOWN.	County.	1910	1900	1890
Santa Paula city.....	Ventura.....	2,216			Turlock city.....	Stanislaus.....	1,573		
Santa Rosa city.....	Sonoma.....	7,817	6,673	5,220	Ukiah city.....	Mendocino.....	2,136	1,850	1,627
Sausalito town.....	Marin.....	2,383	1,628	1,334	Upland city.....	San Bernardino..	2,384		
Sawtelle city.....	Los Angeles.....	2,143			Vacaville town.....	Solano.....	1,177	1,220	725
Sebastopol town.....	Sonoma.....	1,233			Valejo city.....	Solano.....	11,340	7,968	6,343
Selma town.....	Fresno.....	1,750	1,083	1,150	Ventura city.....	Ventura.....	2,945	2,470	2,320
Sierra Madre city.....	Los Angeles.....	1,303			Vernon city.....	Los Angeles.....	772		
Sisson town.....	Siskiyou.....	636			Vissalia city.....	Tulare.....	4,530	3,085	2,888
Sonoma town.....	Sonoma.....	957	652	757	Watsonville city.....	Santa Cruz.....	4,446	3,528	2,140
Sonora city.....	Tuolumne.....	2,029	1,922	1,441	Watts city.....	Los Angeles.....	1,922		
South Pasadena city.....	Los Angeles.....	4,649	1,001	623	Wheatland town.....	Yuba.....	481	492	630
South San Francisco city.....	San Mateo.....	1,989			Whittier city.....	Los Angeles.....	4,550	1,590	585
Stockton city.....	San Joaquin.....	23,253	17,506	14,424	Willits town.....	Mendocino.....	1,153	791	815
Suisun City town.....	Solano.....	641	625	499	Willows town.....	Glenn.....	1,139	893	1,176
Susanville town.....	Lassen.....	688			Winters town.....	Yolo.....	910	785	
Tehachapi town.....	Kern.....	385			Woodland city.....	Yolo.....	3,187	2,846	3,069
Tehama town.....	Tehama.....	221			Yreka town.....	Siskiyou.....	1,134	1,254	1,100
Tulare city.....	Tulare.....	2,758	2,216	2,697	Yuba City town.....	Sutter.....	1,160		

CHAPTER 2.

COMPOSITION AND CHARACTERISTICS OF THE POPULATION.

Introduction.—The first chapter having given the number of inhabitants of California by counties and minor civil divisions, the decennial increase and the density of population, and the proportions urban and rural, the present chapter deals with the composition and characteristics of the population. The two chapters cover all the principal topics of the population census except occupations and ownership of homes.

Description of the tables.—The greater part of this chapter consists of five general tables, which present statistics of color, nativity, parentage, sex, citizenship, illiteracy, school attendance, and dwellings and families, as follows: Table I for the state and counties; Table II for cities of more than 25,000 inhabitants; Table III for cities of 10,000 to 25,000; Table IV for places of 2,500 to 10,000; and Table V for wards or assembly districts of the three cities of more than 50,000.

A series of summary tables (numbered 1 to 17) reproduces from the general tables the more important state and city totals, and presents also certain additional data relative to state of birth, age, and marital condition.

On account of the wide differences in characteristics among the different classes of the population, the statistics on each subject are shown according to race, and for the whites according to nativity and parentage. Classification according to nativity and parentage is scarcely necessary for the other races, since nearly all negroes and Indians are native born of native parentage, and nearly all Chinese and Japanese either foreign born or of foreign parentage.

The white population is divided into four groups: (1) Native, native parentage—that is, having both parents born in the United States; (2) native, foreign parentage—having both parents born abroad; (3) native, mixed parentage—having one parent native and the other foreign born; (4) foreign born. As the second and third classes do not differ greatly in characteristics, they are combined in some of the tables; in a few cases all three native white classes are combined.

Since marked differences often exist between urban and rural communities with respect to the composition and characteristics of the population, the two classes are distinguished in connection with several of the subjects. Urban population, as defined by the Bureau of the Census, includes that of all incorporated places of 2,500 inhabitants or more, the remainder being classified as rural.

The census inquiry as to school attendance was merely as to whether the person enumerated had

attended any kind of school at any time between September 1, 1909, and the date of enumeration, April 15, 1910.

The Census Bureau classifies as illiterate any person 10 years of age or over who is unable to write, regardless of ability to read.

Color and nativity (Table 1).—Of the total population of California, 1,106,533, or 46.5 per cent, are native whites of native parentage; 635,889, or 26.8 per cent, are native whites of foreign or mixed parentage; and 517,250, or 21.8 per cent, are foreign-born whites. The corresponding percentages in 1900 were 43.4, 29.7, and 21.3, respectively, the proportion of native whites of native parentage increasing somewhat during the decade. In 1910 Japanese constituted 1.7 per cent of the population; Chinese, 1.5; negroes, 0.9; and Indians, 0.7. In 8 of the 58 counties the foreign-born whites represent as much as one-fourth of the population, the percentage being highest (32) in San Mateo. The proportion of native whites of foreign or mixed parentage exceeds one-fourth in 24 counties and is highest in San Francisco County (36.9 per cent). (See maps on page 597.)

Of the urban population, 44.4 per cent are native whites of native parentage; of the rural, 50 per cent. The corresponding proportions for native whites of foreign or mixed parentage are 28.8 and 23.5 per cent, respectively; for foreign-born whites 22.6 and 20.4 per cent. The percentage of Chinese and Japanese is 3 in the urban and 3.8 in the rural.

Sex (Tables 2 and 15).—In the total population of the state there are 1,322,978 males and 1,054,571 females, or 125.5 males to 100 females. In 1900 the ratio was 123.5 to 100. Among native whites the ratio is 108.7 to 100 and among foreign-born whites, 169.6 to 100. In the urban population there are 113.6 males to 100 females, and in the rural, 147.8.

State of birth (Tables 3 and 4).—Of the native population—that is, population born in the United States—50.5 per cent were born in California and 49.5 per cent outside the state; of the native white population, 49.9 per cent were born outside the state; of the native negro, 75.6 per cent; and of the native Indian, 6.4 per cent. Persons born outside the state constitute a larger proportion of the native population in urban than in rural communities.

Foreign nationalities (Tables 5 and 12).—Of the foreign-born white population of California, persons born in Germany represent 14.8 per cent; Italy, 12.3; Ireland, 10.1; England, 9.4; Canada, 8.6; Mexico, 6.5;

Sweden, 5.1; Portugal, 4.3; France, 3.4; Austria, 3.3; Russia, 3.2; all other countries, 18.8 per cent. Of the total white stock of foreign origin, which includes persons born abroad and also natives having one or both parents born abroad, Germany contributed 17.9 per cent; Ireland, 13.8; England, 10; Italy, 8.9; Canada, 8.4; Portugal, 4.5; Mexico, 4.4; Sweden, 4; France, 2.8; Scotland, 2.8; Switzerland, 2.4; Russia, 2.4; Denmark, 2.3 per cent.

Voting and militia ages (Table 6).—The total number of males 21 years of age and over is 920,397, representing 38.7 per cent of the population. Of such males, 40 per cent are native whites of native parentage, 19.7 per cent native whites of foreign or mixed parentage, 32.3 per cent foreign-born whites, 6.5 per cent Chinese and Japanese, 0.9 per cent negroes, and 0.5 per cent Indians. Of the 297,365 foreign-born white males of voting age, 137,274, or 46.2 per cent, are naturalized. Males of militia age—18 to 44—number 665,522.

Age (Tables 7, 8, 13, and 14).—Of the total population, 8.1 per cent are under 5 years of age, 14.7 per cent from 5 to 14 years, inclusive, 18 per cent from 15 to 24, 35.7 per cent from 25 to 44, and 23.1 per cent 45 years and over. The proportion of children is low among the foreign-born whites, negroes, Chinese, and Japanese. Only 4.2 per cent of the foreign-born whites are under 15 years of age, while 82.9 per cent are 25 years of age and over. Of the native whites of foreign or mixed parentage, 47.5 per cent are 25 and over, and of the native whites of native parentage, 52.9 per cent.

The urban population shows a smaller proportion of children than the rural and a larger proportion of persons in the prime of life. Migration to the city explains this at least in part. Of the urban population, 37.3 per cent are from 25 to 44 years of age, inclusive, and of the rural, 32.9 per cent.

School attendance (Table 9).—The total number of persons of school age—that is, from 6 to 20 years, inclusive—is 555,554, of whom 361,077, or 65 per cent, attended school. In addition to these, 6,788 children under 6 and 9,801 persons of 21 and over attended school. For boys from 6 to 20 years, inclusive, the percentage attending school was 63.1; for girls, 67. For children from 6 to 14 years, inclusive, the percentage attending school was 86.9. The percentage for children of this age among native whites of native parentage was 87.4; among native whites of foreign or mixed parentage, 88.1; among foreign-born whites, 82.3; among negroes, 88.4; among Indians, 61.4; among Chinese, 70.1; and among Japanese, 61.5. (See Table I.) For all classes combined, the percentage attending school is somewhat higher in urban than in rural communities.

Illiteracy (Table 10).—There are 74,902 illiterates in the state, representing 3.7 per cent of the total population 10 years of age and over, as compared with 4.8 per cent in 1900. The percentage of illiteracy is 0.5 among native whites, 10 among foreign-born

whites, 7.1 among negroes, 49 among Indians, 15.5 among Chinese, and 8.6 among Japanese.

For all classes combined, the percentage of illiterates is 2.4 in urban communities and 5.9 in rural. For each class separately, also, the rural percentage exceeds the urban, the differences in some cases being very marked.

For persons from 10 to 20 years of age, inclusive, whose literacy depends largely upon present school facilities and school attendance, the percentage of illiteracy is 1.7. (See Table I.)

Marital condition (Tables 11 and 16).—In the population 15 years of age and over, 45.8 per cent of the males are single and 27.9 per cent of the females. The percentage married is 47.3 for males and 58.4 for females, and the percentage widowed 4.4 and 12.2, respectively. The percentages of those reported as divorced, 1 and 1.3, respectively, are believed to be too small, because of the probability that many divorced persons class themselves as single or widowed.

That the percentage single is so much smaller for women than for men is due partly to the excess of males in the total population, and partly to the fact that women marry younger. Thus 9.1 per cent of the females from 15 to 19 years of age are married, as compared with 0.6 per cent of the males; and 47.2 per cent of the females from 20 to 24 years are married, as compared with 14.8 per cent of the males. In the next age group, 25 to 34 years, the percentages are 72.4 and 46, respectively. In the age group 35 to 44 the difference is less marked, while among those aged 45 and over the percentage for males exceeds that for females. That there is a larger proportion of widows than of widowers may indicate that men more often remarry than women, but, since husbands are generally older than their wives, the marriage relationship is more often broken by death of the husband than by death of the wife.

For the main elements of the population the percentages of married persons among those 15 years of age and over are as follows: Foreign-born whites, 49.8 for males and 65.1 for females; native whites of native parentage, 49.7 and 57.6, respectively; native whites of foreign or mixed parentage, 42.4 and 53.5; negroes, 48.9 and 55.8; Indians, 50.3 and 59.2; Chinese, 44.7 and 69; Japanese, 28 and 86.8.

These percentages by no means indicate the relative tendency of the several classes as regards marriage. To determine that, the comparison should be made by age periods, since the proportion married in any class is determined largely by the proportion who have reached the marrying age. Similarly, the proportion widowed depends largely on the proportion past middle life. The percentage married for males is higher in the urban population, for females in the rural.

Dwellings and families.—The total number of dwellings in California is 513,481, and the total number of families 563,636, there being 109.8 families to each 100 dwellings. (See Table I.) The average number of persons per dwelling is 4.6, and the average number per family, 4.2.

TABLE 1.—COLOR, NATIVITY, AND PERCENTAGE.

CLASS OF POPULATION.	NUMBER.			PER CENT OF TOTAL.		
	1910	1900	1890	1910	1900	1890
THE STATE.						
Total population	2,377,549	1,485,053	1,213,398	100.0	100.0	100.0
White	2,259,672	1,402,727	1,111,833	95.0	94.5	91.0
Negro	21,845	11,045	11,322	0.9	0.7	0.9
Indian	16,371	15,377	16,624	0.7	1.0	1.4
Chinese	36,248	45,753	72,472	1.5	3.1	6.0
Japanese	41,356	10,151	1,147	1.7	0.7	0.1
All other ¹	2,257			0.1		
Total native	1,791,117	1,117,833	847,069	75.3	75.3	69.8
Total foreign born	586,432	367,240	366,309	24.7	24.7	30.2
Native white, total	1,742,422	1,086,222	818,280	73.3	73.1	67.4
Native parentage	1,106,533	644,428	497,890	46.5	43.4	41.0
Foreign parentage	403,364	282,890	217,979	17.0	19.0	18.0
Mixed parentage	232,525	158,964	102,411	9.8	10.7	8.4
Foreign-born white	517,250	316,505	293,553	21.8	21.3	24.2
URBAN POPULATION.						
Total	1,469,739	777,699	588,545	100.0	100.0	100.0
White	1,407,251	744,722	543,258	97.5	95.4	92.2
Negro	18,399	8,075	6,328	1.3	1.0	1.1
Indian	831	221	281	0.1	(?)	(?)
Chinese	24,262	24,435	38,754	1.7	3.1	6.6
Japanese	18,612	3,246	843	1.3	0.4	0.1
All other	384			(?)		
Native white, total	1,075,415	554,934	377,566	73.2	71.4	64.1
Native parentage	652,659	292,400	194,864	44.4	37.6	33.1
Foreign parentage	271,519	262,494	182,702	18.5	38.8	31.0
Mixed parentage	151,237					
Foreign-born white	331,856	186,738	165,692	22.6	24.0	23.1
RURAL POPULATION.						
Total	907,810	707,354	623,934	100.0	100.0	100.0
White	852,421	661,005	568,575	93.9	93.4	91.1
Negro	3,246	2,970	4,994	0.4	0.4	0.8
Indian	15,540	15,156	16,343	1.7	2.1	2.6
Chinese	18,288	21,943	33,718	2.0	3.1	5.4
Japanese	1,774	6,905	304	0.2	1.0	(?)
All other	873			0.2		
Native white, total	667,007	531,238	440,714	73.5	75.1	70.6
Native parentage	453,874	351,938	303,026	50.0	49.8	48.6
Foreign parentage	131,845	179,300	137,688	14.5	25.3	22.1
Mixed parentage	81,288			9.0		
Foreign-born white	185,414	129,767	127,861	20.4	18.3	20.5

¹ Includes 1,948 Hindus, 304 Koreans, and 5 Filipinos.
² Less than one-tenth of 1 per cent.

TABLE 2.—SEX, FOR THE STATE.

[See also Tables 7 and 8.]

CLASS OF POPULATION.	1910			1900		
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.
Total population	1,322,978	1,054,371	125.5	820,531	664,622	123.6
White	1,232,990	1,026,682	120.1	755,147	647,580	116.5
Negro	11,303	10,342	109.3	5,706	5,279	108.2
Indian	8,356	8,015	104.3	7,722	7,633	100.9
Chinese	33,063	3,245	1,017.0	42,297	3,456	1,223.9
Japanese	35,116	6,240	562.3	9,598	553	1,735.6
All other	2,210	4	(?)			
Native white, total	907,573	834,849	108.7	563,335	522,887	107.7
Native parentage	585,638	520,875	112.4	340,617	303,811	112.1
Foreign parentage	205,269	198,095	103.6	142,531	139,999	102.0
Mixed parentage	116,646	115,879	100.7	79,817	79,077	101.0
Foreign-born white	325,417	191,833	169.6	191,842	124,693	153.8
Urban population	781,502	688,237	113.6	404,235	373,574	108.3
Rural population	541,476	366,534	147.8	416,306	291,148	143.0

¹ Ratio not shown, the number of females being less than 100.

TABLE 3.—NATIVE POPULATION, DISTINGUISHED AS BORN IN STATE OR OUTSIDE STATE.

CLASS OF POPULATION.	1910			1900		
	1910	1900	1890	Urban: 1910	Rural: 1910	
Total native population	1,791,117	1,117,833	841,621	1,102,476	688,641	
Born in state	903,996	661,280	475,843	522,114	381,882	
Born outside state ¹	887,121	456,553	365,778	580,362	306,759	
Per cent outside state	49.5	40.8	43.5	52.6	44.5	
Native white population	1,742,422	1,086,222	818,119	1,075,415	667,007	
Born in state	872,533	637,366	459,201	899,564	563,299	
Born outside state ²	869,889	448,856	358,918	565,851	303,738	
Per cent outside state	49.9	41.3	43.9	52.6	45.5	
Native negro population	20,771	10,612	(?)	17,758	3,013	
Born in state	5,060	3,878	(?)	4,145	915	
Born outside state ²	15,711	6,734	(?)	13,613	2,098	
Per cent outside state	75.0	63.5	(?)	76.7	69.6	
Native Indian population	16,263	15,215	(?)	800	15,463	
Born in state	15,227	14,406	(?)	449	14,778	
Born outside state ²	1,036	809	(?)	351	685	
Per cent outside state	6.4	5.3	(?)	43.9	4.4	

¹ Exclusive of 161 whites and 6,107 Indians not distributed by state of birth.
² Includes persons born in United States, state not specified; persons born in outlying possessions, or at sea under United States flag; and American citizens born abroad.

³ Comparable figures not available.

TABLE 4.—STATE OR DIVISION OF BIRTH.

PLACE OF BIRTH.	NUMBER.				PER CENT OF TOTAL.	
	1910	1900	1910	1900	1910	1900
Total native.						
California	1,791,117	1,117,813	100.0	100.0	100.0	100.0
Other states	903,996	661,280	50.5	59.2	50.5	59.2
Illinois	887,121	456,533	49.5	40.8	49.5	40.8
New York	87,291	42,904	4.9	3.8	4.9	3.8
Massachusetts	79,952	64,548	4.5	4.9	4.5	4.9
Missouri	67,786	35,075	3.8	3.1	3.8	3.1
Ohio	66,128	34,869	3.7	3.1	3.7	3.1
Iowa	54,960	26,785	3.1	2.4	3.1	2.4
Pennsylvania	51,304	25,283	2.9	2.3	2.9	2.3
Indiana	41,288	19,883	2.3	1.7	2.3	1.7
Kansas	35,115	13,266	2.0	1.2	2.0	1.2
Michigan	34,236	14,592	1.9	1.3	1.9	1.3
Massachusetts	28,115	18,438	1.6	1.8	1.6	1.8
Wisconsin	28,013	13,826	1.6	1.2	1.6	1.2
Texas	21,313	7,747	1.2	0.7	1.2	0.7
Kentucky	19,967	9,985	1.1	0.9	1.1	0.9
Virginia	19,372	9,372	1.1	0.7	1.1	0.7
All other ¹	252,241	131,453	14.1	11.8	14.1	11.8
DIVISIONS.						
New England	67,316	50,873	3.8	4.6	3.8	4.6
Middle Atlantic	141,180	85,185	7.9	7.6	7.9	7.6
East North Central	256,956	124,974	14.3	11.2	14.3	11.2
West North Central	202,909	91,990	11.3	8.2	11.3	8.2
South Atlantic	35,778	19,632	2.0	1.9	2.0	1.9
East South Central	43,717	21,343	2.4	1.9	2.4	1.9
West South Central	42,003	15,514	2.3	1.4	2.3	1.4
Mountain	46,844	19,229	2.6	1.7	2.6	1.7
Pacific	930,469	626,519	51.9	62.9	51.9	62.9
Other ²	23,835	12,705	1.3	1.1	1.3	1.1

¹ Includes persons born in United States, state not specified; persons born in outlying possessions, or at sea under United States flag; and American citizens born abroad.

TABLE 5.—FOREIGN WHITE STOCK, BY NATIONALITY.

FOREIGN COUNTRY IN WHICH BORN OR, IF NATIVE, IN WHICH PARENTS WERE BORN.	WHITE POPULATION OF FOREIGN BIRTH OR FOREIGN PARENTAGE: 1910						Foreign-born white population: 1900
	Total.		Foreign born.		Native.		
	Number.	Per cent.	Number.	Per cent.	Both parents foreign born.	One parent foreign born.	
All countries	1,153,138	100.0	617,250	100.0	403,364	232,525	316,505
Atlantic islands	6,663	0.6	2,840	0.6	2,830	973	3,496
Australia	5,367	0.5	5,296	0.6	2,507	2,064	2,267
Austria	29,378	2.6	17,163	3.3	5,462	5,839	5,930
Canada—French	8,066	0.7	3,109	0.6	1,755	3,202	2,407
Canada—Other	88,919	7.7	41,445	8.0	11,921	35,553	27,363
Denmark	26,495	2.3	14,283	2.7	5,244	4,043	9,036
England	115,488	10.0	48,007	9.4	20,090	40,725	35,732
Finland	8,992	0.8	6,156	1.2	2,535	301	2,763
France	32,643	2.8	17,390	3.4	8,836	6,387	12,248
Germany	206,382	17.9	76,305	14.8	35,362	44,715	72,535
Greece	8,398	0.7	7,918	1.5	2,669	211	313
Holland	4,417	0.4	2,304	0.4	1,078	1,035	1,013
Hungary	4,652	0.4	3,301	0.6	985	366	799
Ireland	159,679	13.8	52,475	10.1	69,888	37,216	44,473
Italy	102,618	8.9	63,001	12.3	32,651	15,366	22,742
Mexico	51,037	4.4	33,444	6.5	10,787	6,806	7,842
Norway	17,146	1.5	9,952	1.9	4,666	2,528	5,060
Portugal	51,619	4.5	22,427	4.3	21,794	7,388	12,042
Russia	27,186	2.4	16,007	3.2	8,946	1,633	4,232
Scotland	32,158	2.8	13,694	2.6	7,443	11,021	9,467
Spain	6,443	0.6	4,218	0.8	1,180	1,045	893
Sweden	46,471	4.0	22,210	5.1	14,797	5,474	14,547
Switzerland	28,018	2.4	14,529	2.8	6,859	3,659	2,734
Turkey	6,332	0.5	4,521	0.9	1,679	132	645
Wales	6,935	0.6	2,415	0.5	1,961	2,559	1,949
All other	175,267	6.5	9,044	1.7	1,027	3,306	5,528

¹ Includes native whites whose parents were born in different foreign countries; for example, one parent in Ireland and the other in Scotland.

TABLE 6.—MALES OF VOTING AND MILITIA AGES.

CLASS OF POPULATION.	MALES OF VOTING AGE—21 AND OVER.				MALES OF MILITIA AGE—18 TO 44.	
	Number.		Per cent.		1910	1900
	1910	1900	1910	1900	1910	1900
Total	920,397	544,087	100.0	100.0	655,522	378,577
White	846,207	459,545	91.9	90.0	610,846	342,585
Negro	3,143	3,711	0.9	0.9	6,199	2,658
Indian	4,591	4,369	0.5			

TABLE 7.—AGE, FOR THE STATE.

[Per cent not shown where base is less than 100.]

AGE PERIOD.	TOTAL POPULATION.				NATIVE WHITE.				FOREIGN-BORN WHITE.	
	1910		1900		Native parentage.		Foreign or mixed parentage.		Male.	Female.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.		
All ages, number	2,377,549	1,485,053	1,322,978	1,054,571	585,658	520,875	321,915	313,874	325,417	191,833
Under 5 years	193,659	125,937	98,390	95,269	57,399	55,422	35,961	34,973	1,713	1,581
Under 1 year	40,336	25,137	20,620	19,710	11,992	11,566	7,774	7,339	125	98
5 to 9 years	176,192	137,005	89,099	87,093	50,702	49,500	31,349	30,910	4,450	4,194
10 to 14 years	173,245	126,889	87,899	86,049	48,558	47,365	31,908	31,444	5,062	4,909
15 to 19 years	196,064	128,064	102,000	94,034	50,409	49,895	34,821	35,048	11,259	6,821
20 to 24 years	234,121	136,549	131,064	103,957	57,057	50,636	32,661	34,137	31,362	15,231
25 to 29 years	240,426	134,209	142,544	103,592	56,500	47,642	31,078	31,787	42,998	20,723
30 to 34 years	225,610	139,103	131,048	94,362	50,040	42,024	29,174	29,329	39,579	20,379
35 to 39 years	200,819	123,122	114,194	86,625	44,150	37,598	26,396	26,247	34,348	20,540
40 to 44 years	174,286	104,214	101,430	72,856	37,960	31,463	21,193	16,622	34,527	20,109
45 to 49 years	146,878	81,939	86,179	60,699	32,051	26,701	16,900	15,183	30,453	17,832
50 to 54 years	119,293	60,530	69,741	49,552	27,573	23,021	12,556	10,966	23,805	14,649
55 to 59 years	82,095	52,504	47,290	34,805	19,017	16,588	6,914	5,941	17,586	11,678
60 to 64 years	74,567	48,888	45,840	30,727	17,663	14,827	4,601	3,605	17,927	11,778
65 to 74 years	88,132	58,398	50,079	38,033	22,976	18,923	4,570	3,498	20,550	15,011
75 to 84 years	35,486	16,430	18,623	15,863	9,454	7,183	1,302	911	7,334	5,462
85 to 94 years	4,390	1,858	2,394	1,996	1,184	987	168	118	924	779
95 years and over	255	100	138	117	46	39	8	5	54	46
Age unknown	8,361	10,174	6,739	1,623	3,049	881	295	253	1,506	361
All ages, per cent.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years	8.1	8.5	7.4	9.0	9.8	10.6	11.2	11.1	0.5	0.8
5 to 9 years	7.4	9.2	6.7	8.3	8.7	9.5	9.7	9.8	1.4	2.2
10 to 14 years	7.3	8.5	6.6	8.3	8.3	9.1	9.9	10.0	1.6	2.6
15 to 19 years	8.2	8.6	7.7	8.9	8.6	9.6	10.8	11.2	3.5	3.6
20 to 24 years	9.8	9.2	9.0	9.8	9.7	9.7	10.1	10.9	9.6	7.9
25 to 29 years	19.9	17.7	20.7	18.8	17.2	17.2	19.5	19.5	21.4	21.4
30 to 34 years	15.7	15.3	16.3	15.1	14.0	13.3	14.8	14.6	21.2	21.2
35 to 39 years	15.8	15.3	16.3	15.1	14.0	13.3	14.8	14.6	21.2	21.2
40 to 44 years	17.8	17.0	18.7	16.7	16.4	15.6	12.7	11.4	27.6	20.0
45 to 64 years	5.3	5.2	5.4	5.1	5.7	5.2	1.9	1.4	8.9	11.1

AGE PERIOD.	NEGRO.		INDIAN.		CHINESE.		JAPANESE.		ALL OTHER.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
All ages, number	11,303	10,342	8,356	8,015	33,003	3,245	35,116	6,240	2,210	47
Under 5 years	732	767	920	801	459	394	1,198	1,213	8	8
Under 1 year	150	149	190	185	68	74	326	296	1	3
5 to 9 years	698	729	978	976	441	398	419	384	2	2
10 to 14 years	690	777	904	878	706	343	187	133	11	3
15 to 19 years	848	904	900	873	2,129	258	1,491	235	143	.....
20 to 24 years	1,114	1,069	961	593	2,180	344	5,603	1,045	426	2
25 to 29 years	1,343	1,230	575	544	1,632	289	8,196	1,367	541	10
30 to 34 years	1,256	1,040	528	498	2,246	308	7,795	977	430	7
35 to 39 years	1,159	1,005	484	466	2,460	251	4,968	513	229	5
40 to 44 years	995	781	460	426	3,331	213	2,861	238	163	4
45 to 49 years	816	650	412	372	4,357	145	1,115	63	65	3
50 to 54 years	612	468	338	290	4,287	124	510	33	60	1
55 to 59 years	356	277	227	228	3,046	77	129	14	15	2
60 to 64 years	281	224	242	229	2,894	46	147	5	48	.....
65 to 74 years	285	220	320	356	1,341	44	14	1	23	.....
75 to 84 years	104	102	216	222	143	2	6	1	1	.....
85 to 94 years	17	28	87	84	13	.....	1	.....	.....	.....
95 years and over	5	3	25	24	.....	.....	.....	.....	.....	.....
Age unknown	55	48	42	52	1,271	9	476	18	45	.....
All ages, per cent.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.....
Under 5 years	6.5	7.6	11.0	11.1	1.4	12.1	3.4	19.4	0.4	.....
5 to 9 years	6.2	7.0	11.7	12.2	1.3	12.3	6.1	6.2	0.1	.....
10 to 14 years	6.1	7.5	18.8	11.0	2.3	10.6	0.5	2.1	0.5	.....
15 to 19 years	7.5	8.7	10.8	10.9	6.5	8.0	4.2	3.8	6.5	.....
20 to 24 years	9.9	10.3	7.9	7.4	6.6	10.6	16.0	16.7	19.3	.....
25 to 29 years	23.0	21.9	13.2	13.0	18.8	18.4	45.5	43.9	37.6	.....
30 to 34 years	18.5	17.3	11.3	11.1	17.5	14.3	22.3	12.0	17.7	.....
35 to 64 years	18.3	15.7	15.0	14.1	44.2	12.1	5.4	1.8	8.5	.....
65 years and over	3.6	3.4	7.8	8.6	4.6	1.4	0.1	(¹)	1.1	.....

¹ Less than one-tenth of 1 per cent.

STATISTICS OF POPULATION.

TABLE 8.—AGE, FOR URBAN AND RURAL POPULATION.

[Per cent not shown where base is less than 100.]

AGE PERIOD.	TOTAL.				NATIVE WHITE.				FOREIGN-BORN WHITE.			
	Male.		Female.		Male.		Female.		Male.		Female.	
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
All ages, number.....	781,502	541,476	688,237	366,334	639,492	368,081	535,923	288,926	195,255	130,162	136,581	55,252
Under 5 years.....	55,995	42,395	54,239	41,000	53,310	40,050	51,695	38,790	1,672	641	1,023	558
Under 1 year.....	11,895	8,731	11,240	8,470	11,465	8,238	10,847	8,058	81	44	51	47
5 to 9 years.....	49,449	39,650	49,003	38,090	45,387	36,724	45,106	35,244	2,883	1,567	2,677	1,517
10 to 14 years.....	49,407	38,489	50,209	35,840	44,879	35,397	45,802	35,204	3,150	1,906	3,283	1,626
15 to 19 years.....	59,539	45,461	60,214	33,829	59,527	34,703	53,958	30,986	5,934	5,325	4,928	1,833
20 to 24 years.....	78,236	52,823	71,425	31,632	56,031	33,687	58,213	26,560	16,689	14,673	11,262	3,969
25 to 34 years.....	169,627	104,255	137,587	60,567	107,882	58,910	104,003	46,779	49,583	32,964	29,672	11,430
35 to 44 years.....	132,385	83,239	109,045	50,438	80,602	49,237	77,877	37,053	42,982	25,893	28,742	11,907
45 to 64 years.....	144,517	102,531	119,580	56,403	79,018	58,257	77,870	38,962	34,819	39,676	16,011	6,252
65 years and over.....	37,381	33,853	35,934	18,095	19,701	20,067	20,564	11,080	16,814	12,948	15,046	89
Age unknown.....	4,966	1,773	1,203	419	2,295	1,049	865	269	1,180	326	272	89
All ages, per cent....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	7.2	7.8	7.9	11.2	9.9	10.9	9.6	13.0	0.5	0.5	0.7	1.0
5 to 9 years.....	6.3	7.3	7.1	10.4	8.4	10.0	8.4	11.8	1.5	1.2	2.0	2.7
10 to 14 years.....	6.3	7.1	7.2	9.8	8.3	9.6	8.5	11.1	1.6	1.5	2.4	2.9
15 to 19 years.....	7.6	7.8	8.7	9.2	9.4	9.4	10.1	10.4	3.0	4.1	3.0	3.4
20 to 24 years.....	10.0	9.8	10.4	8.6	10.4	9.2	10.9	8.9	8.5	11.3	8.2	7.2
25 to 34 years.....	21.7	18.3	20.0	17.5	20.0	16.9	19.4	15.6	25.4	25.3	21.7	10.7
35 to 44 years.....	16.9	15.4	18.3	13.8	14.9	13.4	14.5	12.4	22.0	19.9	21.0	21.6
45 to 64 years.....	18.5	18.9	17.3	15.4	14.6	15.8	14.5	13.0	28.1	26.8	29.0	29.0
65 years and over.....	4.8	6.3	5.2	4.9	3.7	5.5	3.8	3.7	8.6	9.3	11.0	11.3

AGE PERIOD.	NEGRO.				INDIAN.				CHINESE.				JAPANESE.				ALL OTHER.			
	Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.	
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
All ages, number.....	8,285	2,018	9,114	1,228	429	7,927	402	7,613	21,489	11,514	2,773	472	15,201	19,915	3,411	2,829	351	1,859	33	14
Under 5 years.....	638	94	674	113	17	903	6	885	385	74	323	71	570	628	602	611	3	5	6	2
Under 1 year.....	126	24	132	17	4	180	1	184	61	7	48	26	155	171	160	156		1	1	2
5 to 9 years.....	588	110	611	118	15	963	22	954	371	70	344	54	205	214	182	202		2	1	1
10 to 14 years.....	544	146	659	118	90	814	81	797	627	139	297	46	107	784	85	48	4	7	2	1
15 to 19 years.....	651	197	796	108	174	726	159	714	1,325	604	224	34	707	849	149	86	21	122		
20 to 24 years.....	966	208	976	94	46	615	44	549	1,641	539	303	35	2,804	2,739	620	425	59	367	2	
25 to 34 years.....	2,179	420	2,042	238	46	1,057	48	994	2,834	1,045	523	75	6,941	9,050	1,290	1,054	162	809	10	7
35 to 44 years.....	1,782	312	1,613	173	17	927	19	873	4,129	1,662	380	78	2,939	4,890	398	353	74	318	8	1
45 to 64 years.....	1,664	401	1,416	203	16	1,249	16	1,116	8,214	6,370	326	66	620	1,251	72	43	23	165	4	2
65 years and over.....	287	121	283	70	7	641	5	681	867	936	34	12	4	17	2			1	23	
Age unknown.....	46	9	45	3	1	41	2	50	1,196	75	8	1	244	232	11	7	4	41		
All ages, per cent....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	6.9	4.7	7.4	9.2	4.0	11.4	1.5	11.6	1.8	0.6	11.6	15.0	3.7	3.2	17.6	21.6	0.9	0.9	0.3	
5 to 9 years.....	6.3	5.5	6.7	9.6	3.5	12.1	5.5	12.5	1.7	0.6	12.4	11.4	1.3	1.1	5.3	7.1		0.1		
10 to 14 years.....	5.9	7.2	7.2	9.6	21.0	10.3	10.5	2.9	1.2	10.7	9.7	0.7	0.4	2.5	1.7	1.1	1.4	0.4		
15 to 19 years.....	7.0	9.8	8.7	8.8	40.6	9.2	39.6	9.4	7.1	5.2	8.1	7.2	4.7	3.9	4.4	3.0	6.0	6.6		
20 to 24 years.....	9.8	10.3	10.7	7.7	10.7	8.3	10.9	7.2	7.6	4.7	11.1	7.4	18.8	13.8	18.2	15.0	16.8	19.7		
25 to 34 years.....	23.5	20.8	22.4	18.6	10.7	13.3	11.9	13.1	13.2	9.1	18.8	15.9	45.7	45.4	37.8	37.3	46.2	43.5		
35 to 44 years.....	19.2	15.5	17.7	14.1	4.0	11.7	4.7	11.5	19.2	14.4	18.9	16.5	19.3	24.6	11.7	12.5	21.1	17.1		
45 to 64 years.....	17.9	19.9	15.5	16.5	3.7	15.6	4.0	14.7	38.2	35.3	11.8	14.0	4.1	6.4	2.1	1.5	6.6	8.9		
65 years and over.....	3.1	6.0	3.1	6.7	1.6	8.1	1.2	8.9	2.6	8.1	1.2	2.5			0.1	0.1		0.3	1.2	

¹ Less than one-tenth of 1 per cent.

TABLE 9.—SCHOOL ATTENDANCE.

[Per cent not shown where base is less than 100.]

AGE PERIOD.	TOTAL.			NATIVE WHITE.						FOREIGN-BORN WHITE.						
				Native parentage.			Foreign or mixed parentage.			Native parentage.			Foreign or mixed parentage.			
	Number.	Attending school.		Number.	Attending school.		Number.	Attending school.		Number.	Attending school.		Number.	Attending school.		
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.	
THE STATE.																
6 to 20 years, inclusive.....	555,554	361,077	65.0	296,850	205,043	69.1	196,467	129,155	65.7	43,405	17,815	41.0	285,577	180,147	63.1	
Male.....	285,577	180,147		149,733	101,394		98,255	64,310		25,667	9,222		269,977	180,930		
Female.....	269,977	180,930		147,067	103,649		98,212	64,845		17,738	8,593		6 to 9 years.....	109,678	78.3	
10 to 14 years.....	173,945	163,142	93.8	95,933	90,799	94.6	63,349	59,882	94.5	9,971	8,690	87.2	15 to 17 years.....	112,010	66,013	58.9
18 to 20 years.....	129,960	22,544	17.3	59,166	38,372	64.9	41,659	23,196	55.7	7,538	2,583	34.3	Under 6 years.....	6,788		
Under 6 years.....	6,788			3,905			2,427			242			21 years and over.....	9,801		
21 years and over.....	9,801			5,318			2,390			1,146			Total attending school.....	377,696		
Total attending school.....	377,696			214,206			133,972			19,203			URBAN POPULATION.			
6 to 14 years.....	177,631	157,330	88.6	94,247	83,592	88.7	67,965	60,786	89.4	11,143	9,478	85.1	15 to 20 years.....	148,250	53,765	36.3
15 to 20 years.....	148,250	53,765		71,652	30,179	42.1	55,526	19,172	34.5	15,280	2,448	16.0	RURAL POPULATION.			
6 to 14 years.....	125,953	115,190	84.7	80,869	69,303	85.8	44,649	38,398	86.0	6,156	4,767	77.4	15 to 20 years.....	93,720	34,792	37.1
15 to 20 years.....	93,720	34,792		50,082	21,879	43.7	28,327	10,799	38.1	10,826	1,122	10.4				

AGE PERIOD.	NEGRO.			INDIAN.			CHINESE.			JAPANESE.			ALL OTHER.		
	Number.	Attending school.		Number.	Attending school.		Number.	Attending school.		Number.	Attending school.		Number.	Attending school.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
	THE STATE.														
6 to 20 years, inclusive.....	4,732	2,936	62.0	5,439	2,950	54.2	4,750	2,209	46.5	3,648	896	25.7	263	33	12.5
Male.....	2,271	1,359	59.8	2,723	1,522	55.9	3,778	1,647	43.6	2,842	645	23.4	253	28	10.9
Female.....	2,461	1,577	64.1	2,716	1,428	52.6	972	562	57.8	806	271	33.6	5	5	.....
6 to 9 years.....	1,112	902	81.1	1,543	758	49.1	640	383	59.8	565	289	51.2	3	3	.....
10 to 14 years.....	1,467	1,379	94.0	1,732	1,282	74.9	1,169	843	76.0	320	255	79.7	14	12	.....
15 to 17 years.....	957	506	52.9	1,089	657	60.3	1,244	580	46.6	314	111	35.4	43	8	.....
18 to 20 years.....	1,196	149	12.5	1,025	253	24.7	1,757	403	22.9	2,449	281	11.5	203	10	4.9
Under 6 years.....	79	79		53	53		44	44		33	33		.....	.....	.....
21 years and over.....	32	32		67	67		281	281		554	554		13	.....	.....
Total attending school.....	3,047	3,047		3,075	3,075		2,534	2,534		1,523	1,523		46	.....	.....
URBAN POPULATION.															
6 to 14 years.....	2,194	1,919	89.9	204	197	96.6	1,471	1,027	69.8	460	324	70.4	7	7	.....
15 to 20 years.....	1,802	535	29.7	370	327	88.4	2,193	779	35.4	1,386	318	22.9	36	7	.....
RURAL POPULATION.															
6 to 14 years.....	445	362	81.3	3,121	1,843	59.1	278	199	71.6	425	220	51.8	10	8	.....
15 to 20 years.....	351	130	34.2	1,744	583	33.4	803	204	25.4	1,377	74	5.4	210	11	5.2

TABLE 10.—ILLITERATE PERSONS 10 YEARS OF AGE AND OVER.

[Per cent not shown where base is less than 100.]

CLASS OF POPULATION.	BOTH SEXES.		MALE.		FEMALE.		CLASS OF POPULATION.	BOTH SEXES.		MALE.		FEMALE.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Total illiterate, 1910.....	74,902	3.7	47,574	4.2	27,328	3.1	Total illiterate, 1900.....	30,813	2.4	16,706	2.6	14,108	2.4
Native white.....	7,509	0.5	3,899	0.5	3,610	0.5	Native white.....	3,052	0.3	1,376	0.3	1,676	0.4
Native parentage.....	4,323	0.6	2,264	0.5	2,059	0.5	Native parentage.....	1,726	0.3	765	0.3	961	0.4
Foreign or mixed parentage.....	3,186	0.6	1,635	0.6	1,551	0.6	Foreign or mixed parentage.....	1,326	0.4	611	0.4	715	0.4
Foreign-born white.....	50,292	10.0	32,137	10.1	18,155	9.8	Foreign-born white.....	23,178	7.1	12,391	6.5	10,787	8.1
Negro.....	1,329	7.1	601	6.1	728	8.2	Negro.....	936	5.9	339	4.2	597	7.6
Indian.....	6,174	49.0	2,932	45.4	3,242	52.7	Indian.....	35	4.5	18	4.5	17	4.5
Chinese.....	5,355	15.5	4,495	14.0	860	35.1	Chinese.....	2,836	10.4	1,668	8.0	717	34.0
Japanese.....	3,297	8.6	2,567	7.7	730	15.7	Japanese.....	1,117	6.6	806	5.6	311	11.8
All other.....	946	42.3	943	42.9	3	.....	All other.....	110	29.4	107	30.7	3	.....
RURAL POPULATION.													
Total illiterate, 1900.....	58,959	4.8	36,444	5.3	22,515	4.2	Total illiterate, 1910.....	44,089	5.9	30,869	6.7	13,220	4.6
Native white.....	8,320	1.0	4,292	1.0	4,028	1.0	Native white.....	4,457	0.9	2,523	0.9	1,934	0.9
Native parentage.....	4,983	1.0	2,569	1.0	2,414	1.0	Native parentage.....	2,597	0.7	1,499	0.7	1,098	0.7
Foreign or mixed parentage.....	3,337	1.0	1,723	1.0	1,614	1.0	Foreign or mixed parentage.....	1,860	1.2	1,024	1.2	836	1.2
Foreign-born white.....	27,267	8.7	15,518	8.2	11,749	9.5	Foreign-born white.....	17,114	15.0	19,746	15.4	7,368	13.9
Negro.....	1,211	13.4	574	12.1	637	14.8	Negro.....	303	14.0	262	14.4	131	13.1
Indian.....	7,700	65.3	3,744	63.3	3,956	67.2	Indian.....	6,139	51.9	2,914	48.1	3,225	55.9
Chinese.....	12,488	28.2	10,454	25.2	2,034	73.6	Chinese.....	2,970	25.3	2,827	24.9	143	41.2
Japanese.....	1,973	13.7	1,862	19.5	111	22.2	Japanese.....	2,180	10.3	1,761	9.2	419	20.8
All other.....	.....	.....	.....	.....	.....	.....	All other.....	836	44.9	836	45.1	.....	.....

STATISTICS OF POPULATION.

TABLE 11.—MARITAL CONDITION OF PERSONS 15 YEARS OF AGE AND OVER.

[Per cent not shown where base is less than 100.]

CLASS OF POPULATION AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.						FEMALES 15 YEARS OF AGE AND OVER.							
	Total ¹	Single.		Married.		Wid-owed.	Di-voiced.	Total ¹	Single.		Married.		Wid-owed.	Di-voiced.
		Number.	Per cent.	Number.	Per cent.				Number.	Per cent.	Number.	Per cent.		
THE STATE.														
Total, 1910.	1,047,593	480,292	45.8	495,538	47.3	46,423	10,784	786,160	219,546	27.9	459,167	58.4	95,949	10,499
Total, 1900.....	623,708	304,284	48.8	280,007	44.9	29,385	4,068	471,514	146,764	31.1	280,277	65.2	69,048	4,268
15 to 19 years.....	101,099	99.0		611	0.6	11	10	94,034	85,071	90.5	8,567	9.1	99	95
20 to 24 years.....	131,064	109,792	83.8	19,403	14.8	235	212	103,057	52,620	51.1	48,639	47.2	792	869
25 to 34 years.....	239,882	139,736	58.3	125,979	52.6	2,689	2,094	198,154	45,717	23.1	143,530	72.4	5,695	3,670
35 to 44 years.....	215,624	62,925	29.2	141,382	65.6	6,157	3,117	159,481	20,117	12.6	123,037	77.2	12,804	3,425
45 years and over.....	318,285	65,226	20.5	207,421	65.2	37,236	5,332	229,512	15,949	6.8	134,722	58.6	76,320	3,014
Age unknown.....	6,739	1,614	24.0	670	9.9	95	19	1,622	461	28.4	622	38.3	259	26
Native white:														
Native parentage ²	429,129	184,243	42.9	213,416	49.7	20,196	5,481	368,388	105,639	28.7	212,375	57.6	44,118	5,744
15 to 24 years.....	107,466	96,247	89.6	10,216	9.5	115	125	100,511	79,487	79.3	28,652	28.5	461	574
25 to 44 years.....	188,560	67,493	35.8	113,310	60.1	3,755	2,672	158,727	27,744	17.5	119,148	75.1	8,229	3,507
45 years and over.....	122,994	19,812	15.2	89,591	68.9	16,288	2,676	108,249	6,947	6.4	64,243	59.4	35,333	1,651
Foreign or mixed parentage ²	229,697	118,588	51.3	94,437	42.4	6,810	2,493	210,650	81,054	37.4	115,839	53.5	16,702	2,840
15 to 24 years.....	67,482	62,690	92.9	4,521	6.7	65	60	69,185	52,448	75.8	16,077	23.2	231	281
25 to 44 years.....	107,841	45,033	41.8	59,210	54.9	2,019	1,473	106,985	24,705	23.1	75,017	70.1	5,229	1,978
45 years and over.....	47,979	10,743	22.8	39,617	65.0	4,722	958	49,227	3,794	7.4	24,339	61.2	11,295	575
Foreign-born white²	314,192	132,118	42.1	156,393	49.8	17,289	2,568	181,149	28,778	15.9	117,950	61.1	32,571	1,655
15 to 24 years.....	42,621	37,705	88.5	4,089	9.6	47	25	22,052	11,792	53.5	10,044	45.5	122	65
25 to 44 years.....	131,422	67,433	51.5	77,251	51.0	2,404	917	81,731	12,251	15.0	64,343	78.7	4,920	847
45 years and over.....	115,643	26,474	22.3	74,801	63.1	14,805	1,617	76,985	4,644	6.0	43,413	56.4	28,128	738
Negro²	9,183	3,975	43.3	4,494	48.9	538	123	8,049	1,969	23.7	4,489	55.8	1,455	184
15 to 24 years.....	1,862	1,705	86.0	126	6.8	9	5	1,973	1,254	63.6	647	32.8	42	27
25 to 44 years.....	4,693	1,797	38.3	2,638	56.2	179	69	4,056	543	13.4	2,855	70.4	534	139
45 years and over.....	2,473	458	18.5	1,604	64.9	346	49	1,972	104	5.3	960	49.1	865	34
Indian²	5,554	2,063	37.1	2,794	50.3	580	65	5,270	1,191	22.6	3,119	59.2	845	67
15 to 24 years.....	1,561	1,353	86.7	178	11.4	5	5	1,466	967	63.9	408	31.9	26	15
25 to 44 years.....	2,947	548	20.8	1,312	64.1	135	42	1,934	208	10.8	1,525	78.9	158	37
45 years and over.....	1,046	156	8.2	1,285	67.5	437	17	1,818	42	2.3	1,101	60.6	649	15
Chinese²	31,337	14,751	47.1	13,997	44.7	628	8	2,110	450	21.3	1,455	69.0	188	3
15 to 24 years.....	4,309	3,855	89.5	421	9.8	.....	.....	602	318	52.8	276	45.8	6	.....
25 to 44 years.....	9,679	4,004	41.4	5,262	54.4	.....	.....	1,061	106	10.0	851	85.0	67	.....
45 years and over.....	16,087	6,826	42.4	8,295	51.6	529	5	438	21	4.8	280	64.0	114	1
Japanese²	33,312	23,154	69.5	9,326	28.0	324	45	4,510	522	11.6	3,916	86.8	63	6
15 to 24 years.....	7,034	6,794	96.6	251	3.5	.....	.....	1,280	235	18.4	1,040	81.3	3	.....
25 to 44 years.....	15,830	15,930	100.1	7,900	32.0	232	35	3,095	275	8.9	2,778	89.8	37	4
45 years and over.....	1,922	667	34.7	1,143	59.5	88	9	117	7	6.0	87	74.4	23	.....
All other²	2,189	1,400	64.0	687	31.4	58	1	34	3	8.8	24	70.6	7	.....
15 to 24 years.....	569	452	79.4	111	19.5	.....	.....	.....	.....	.....	.....	.....	.....	.....
25 to 44 years.....	1,363	843	61.8	478	35.1	2	2	26	2	7.7	20	76.9	4	.....
45 years and over.....	212	90	42.5	97	45.8	24	1	6	1	16.7	2	33.3	3	.....
URBAN POPULATION.														
Total.	626,651	271,632	43.3	310,425	49.5	26,215	6,920	534,786	157,896	29.5	296,975	55.5	70,793	8,444
15 to 24 years.....	137,775	123,194	89.4	12,775	9.3	154	165	131,639	93,715	71.2	35,342	27.6	629	748
25 to 44 years.....	302,042	117,225	38.8	170,647	56.5	5,390	3,741	246,630	51,837	21.0	174,825	70.9	14,430	5,365
45 years and over.....	181,898	30,179	16.6	126,606	69.6	20,608	3,002	155,314	11,975	7.7	85,341	55.0	55,561	2,306
Age unknown.....	4,966	1,643	21.0	397	8.0	63	12	1,293	368	28.5	427	35.5	173	25
Native white—Native parentage.....	249,201	103,683	41.6	127,926	51.3	10,562	3,352	236,212	71,819	30.4	128,240	54.3	31,228	4,573
Native white—Foreign or mixed par.	146,715	75,472	51.4	65,160	44.4	4,122	1,731	157,138	60,182	38.3	81,359	51.8	13,088	2,356
Foreign-born white.....	188,144	70,823	37.6	99,609	52.9	10,636	1,704	129,598	23,187	17.9	79,957	61.7	24,933	1,341
Negro.....	7,515	3,087	41.1	5,838	51.7	412	95	7,170	1,688	23.5	3,985	55.6	1,321	165
Indian.....	307	256	83.4	44	14.3	6	1	293	222	75.8	56	19.1	12	2
Chinese.....	20,106	8,190	40.7	9,755	48.5	363	6	1,809	398	22.0	1,239	68.5	160	2
Japanese.....	14,319	9,946	69.5	3,916	27.3	98	30	2,542	399	15.7	2,092	82.3	44	6
All other.....	344	175	50.9	141	41.0	16	1	24	.....	.....	17	70.6	7	.....
RURAL POPULATION.														
Total.	420,942	208,660	49.6	185,113	44.9	20,208	3,864	251,374	61,651	24.5	162,192	64.5	25,156	2,055
15 to 24 years.....	95,289	87,607	91.9	7,239	7.6	92	57	65,452	43,976	67.2	20,864	31.9	262	216
25 to 44 years.....	187,194	85,426	45.6	96,714	51.6	3,456	1,470	111,005	13,997	12.6	91,742	82.6	4,069	1,130
45 years and over.....	136,366	35,626	25.7	80,887	59.3	16,628	2,330	74,498	3,585	4.8	49,391	66.3	20,759	708
Age unknown.....	1,773	511	32.2	273	15.4	32	7	419	93	22.2	195	46.5	66	1
Native white—Native parentage.....	179,928	80,560	44.8	85,490	47.5	9,634	2,129	132,176	33,820	25.6	84,135	63.7	12,890	1,171
Native white—Foreign or mixed par.	75,982	43,116	56.7	29,277	38.5	2,688	762	59,512	20,872	35.1	34,480	57.9	3,614	484
Foreign-born white.....	126,048	61,295	48.6	56,793	45.1	6,533	864	51,531	5,591	10.8	37,982	73.6	7,638	314
Negro.....	1,668	888	53.2	611	36.6	126	28	979	221	25.1	504	57.3	134	19
Indian.....	5,247	1,807	34.4	2,750	52.4	574	64	4,977	969	19.5	3,063	61.5	833	65
Chinese.....	11,321	6,561	58.4	4,242	37.8	265	2	301	52	17.3	216	71.8	28	1
Japanese.....	15,993	15,208	95.5	5,404	28.5	236	15	1,968	123	6.3	1,824	92.7	19	1
All other.....	1,845	1,225	66.4	546	29.6	42	.....	10	3	30.0	.....	.....	.....	.....

¹ Total includes persons whose marital condition is unknown.

² Totals include persons of unknown age.

TABLE 12.—FOREIGN WHITE STOCK, BY NATIONALITY, FOR CITIES OF 100,000 OR MORE.

FOREIGN COUNTRY IN WHICH BORN, OR, IF NATIVE, IN WHICH PARENTS WERE BORN.	WHITE POPULATION OF FOREIGN BIRTH OR FOREIGN PARENTAGE: 1910						Foreign-born white population: 1900	FOREIGN COUNTRY IN WHICH BORN, OR, IF NATIVE, IN WHICH PARENTS WERE BORN.	WHITE POPULATION OF FOREIGN BIRTH OR FOREIGN PARENTAGE: 1910						Foreign-born white population: 1900
	Total.		Foreign born.		Native.				Total.		Foreign born.		Native.		
	Number.	Per cent.	Number.	Per cent.	Both parents foreign born.	One ¹ parent foreign born.			Number.	Per cent.	Number.	Per cent.	Both parents foreign born.	One parent foreign born.	
LOS ANGELES.															
All countries.....	135,340	100.0	60,584	100.0	45,715	29,941	17,917	Ireland.....	12,804	9.5	3,577	6.4	5,209	3,718	1,720
Australia.....	325	0.2	220	0.4	13	92	77	Italy.....	6,461	4.8	3,802	6.3	2,289	370	763
Austria.....	3,637	2.7	2,510	4.1	742	385	353	Mexico.....	8,917	6.6	5,611	9.3	2,295	1,011	816
Canada—French.....	1,336	1.0	592	1.0	289	455	213	Norway.....	1,943	1.4	1,003	1.7	656	284	163
Canada—Other.....	14,374	10.8	7,657	12.6	1,769	5,157	2,675	Portugal.....	353	0.2	128	0.2	129	76	22
Denmark.....	2,040	1.5	1,066	1.8	598	346	239	Russia.....	7,478	5.5	4,758	7.9	2,496	314	253
England.....	16,920	12.5	7,575	12.5	3,607	5,738	3,016	Scotland.....	3,900	2.9	1,589	2.6	942	1,369	573
Finland.....	332	0.2	201	0.4	58	13	10	Spain.....	759	0.6	384	0.6	211	164	99
France.....	4,028	3.0	1,914	3.2	1,155	959	993	Sweden.....	6,150	4.5	3,414	5.6	2,004	732	808
Germany.....	28,591	21.1	9,683	16.0	12,494	6,414	4,032	Switzerland.....	1,690	1.2	828	1.4	419	443	370
Greece.....	420	0.3	361	0.6	20	39	20	Turkey.....	704	0.5	505	0.8	178	21	13
Holland.....	808	0.6	408	0.7	218	182	86	Wales.....	1,155	0.9	414	0.7	368	373	156
Hungary.....	1,136	0.8	819	1.4	260	57	60	All other.....	18,899	6.6	1,175	1.9	17,395	329	347
OAKLAND.															
All countries.....	86,758	100.0	36,322	100.0	32,949	18,987	16,223	Ireland.....	12,411	14.3	4,160	11.3	5,428	2,823	3,197
Atlantic islands.....	414	0.5	211	0.6	165	38	291	Italy.....	6,447	7.4	3,800	10.2	2,228	419	613
Australia.....	636	0.7	402	1.1	26	208	151	Mexico.....	458	0.5	249	0.7	100	109	93
Austria.....	1,829	2.1	1,267	3.4	365	197	177	Norway.....	1,820	2.1	996	2.7	566	258	344
Canada—French.....	616	0.7	245	0.7	117	224	223	Portugal.....	8,310	9.6	3,507	8.1	3,999	944	1,018
Canada—Other.....	6,205	7.2	2,881	7.8	871	2,453	1,558	Russia.....	1,317	1.5	789	2.2	441	77	175
Denmark.....	2,627	3.0	1,461	4.0	861	305	571	Scotland.....	3,044	3.5	1,322	3.6	771	951	703
England.....	8,990	10.4	3,707	10.1	2,135	3,148	2,022	Spain.....	240	0.3	101	0.3	60	79	28
Finland.....	469	0.5	310	0.9	126	24	49	Sweden.....	4,134	4.8	2,537	6.3	1,305	402	994
France.....	2,346	2.7	1,304	3.3	690	452	407	Switzerland.....	1,228	1.4	618	1.7	371	239	283
Germany.....	14,693	16.9	5,476	14.9	6,150	3,067	2,750	Turkey.....	158	0.2	112	0.3	34	12	5
Greece.....	517	0.6	470	1.3	30	17	16	Wales.....	638	0.7	267	0.7	174	197	134
Holland.....	290	0.3	165	0.4	71	63	33	All other.....	16,544	7.5	658	1.7	5,642	264	287
Hungary.....	368	0.4	248	0.7	103	17	128								
SAN FRANCISCO.															
All countries.....	284,655	100.0	130,874	100.0	107,293	46,488	104,264	Ireland.....	66,784	23.5	23,151	17.7	31,262	12,371	15,961
Atlantic islands.....	261	0.1	136	0.1	83	42	83	Italy.....	29,081	10.2	16,918	12.9	10,206	1,957	7,508
Australia.....	2,222	0.8	1,347	1.0	94	781	1,095	Mexico.....	2,807	1.0	1,763	1.3	568	476	1,439
Austria.....	7,167	2.5	4,641	3.5	1,674	852	2,066	Norway.....	5,185	1.8	3,770	2.9	966	450	2,172
Canada—French.....	1,064	0.4	474	0.4	227	363	429	Portugal.....	1,354	0.5	570	0.4	373	211	529
Canada—Other.....	11,680	4.1	5,657	4.3	1,685	4,308	4,761	Russia.....	7,410	2.6	4,640	3.5	2,183	585	2,049
Denmark.....	4,818	1.7	3,118	2.4	1,125	575	2,701	Scotland.....	7,120	2.5	3,668	2.8	1,572	1,880	3,000
England.....	20,455	7.2	9,815	7.5	4,235	6,405	8,953	Spain.....	1,720	0.6	1,170	0.9	341	209	233
Finland.....	2,411	0.8	1,846	1.4	500	56	935	Sweden.....	10,599	3.7	6,969	5.3	2,767	863	5,246
France.....	10,357	3.6	6,244	4.8	2,657	1,420	4,807	Switzerland.....	4,416	1.6	2,587	2.0	1,245	584	2,065
Germany.....	59,401	20.9	24,137	18.4	24,753	10,511	35,303	Turkey.....	862	0.3	722	0.6	117	23	117
Greece.....	2,418	0.8	2,274	1.7	119	25	199	Wales.....	1,069	0.4	401	0.3	292	376	386
Holland.....	833	0.3	500	0.4	159	174	244	All other.....	121,350	7.5	3,080	2.4	17,455	815	2,119
Hungary.....	1,811	0.6	1,247	1.0	394	170	315								

¹ Includes native whites whose parents were born in different foreign countries; for example, one parent in Ireland and the other in Scotland.

TABLE 13.—AGE, FOR CITIES OF 100,000 OR MORE.

AGE PERIOD.	TOTAL.		NATIVE WHITE.		FOREIGN-BORN WHITE.		NEGRO.		INDIAN.		CHINESE.		JAPANESE.		ALL OTHER.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
Los Angeles.	162,869	158,529	120,327	124,398	33,275	27,309	3,682	3,917	36	45	1,788	168	3,646	692	15	4
Under 5 years.....	11,508	11,309	10,798	10,605	268	267	265	291	4	1	43	30	130	115	.....	.....
Under 1 year.....	2,484	2,514	2,359	2,193	26	16	59	55	.....	.....	8	5	32	42	.....	.....
5 to 9 years.....	10,205	10,313	9,201	9,999	704	679	243	272	.....	.....	28	29	25	30	.....	.....
10 to 14 years.....	10,420	10,579	9,300	9,428	809	834	253	284	1	1	38	16	19	16	.....	.....
15 to 19 years.....	12,553	13,053	10,575	11,486	1,412	1,149	280	364	3	9	97	13	183	32	3	.....
20 to 24 years.....	15,981	16,038	12,932	13,067	2,785	2,359	363	426	1	9	82	13	717	140	1	.....
25 to 34 years.....	35,983	32,350	24,707	24,963	8,028	6,243	844	890	19	15	228	28	1,738	270	9	.....
35 to 44 years.....	27,580	26,252	18,690	19,367	7,240	6,093	677	692	3	2	379	24	590	73	1	.....
45 to 64 years.....	31,064	28,635	20,006	20,683	9,376	7,333	655	589	1	5	851	12	114	12	1	.....
65 years and over.....	7,635	7,804	4,902	5,393	2,599	2,317	93	91	.....	.....	40	1	1	.....	.....
Age unknown.....	190	200	116	143	54	35	9	18	.....	.....	2	.....	.....	.....	.....	.....
Oakland.	78,222	71,992	51,496	53,838	20,854	15,968	1,814	1,441	8	12	3,088	523	1,151	369	13	1
Under 5 years.....	6,393	6,192	6,055	5,825	102	83	107	109	1	.....	55	63	63	60	.....	.....
Under 1 year.....	1,331	1,338	1,266	1,279	5	25	25	25	.....	.....	12	13	23	21	.....	.....
5 to 9 years.....	5,325	5,350	4,823	4,891	301	294	97	86	.....	.....	1	80	61	24	17	.....
10 to 14 years.....	5,124	5,344	4,639	4,833	319	345	53	78	1	.....	102	74	9	9	.....	.....
15 to 19 years.....	5,960	6,539	5,093	5,671	539	561	94	107	.....	.....	201	46	63	19	.....	.....
20 to 24 years.....	6,578	7,519	5,299	6,027	1,644	1,220	173	147	1	.....	220	54	249	70	.....	.....
25 to 34 years.....	16,436	14,377	10,773	10,511	5,094	3,292	420	355	2	5	386	84	454	130	7	.....
35 to 44 years.....	13,226	11,060	7,815	7,226	4,682	3,451	326	271	1	2	668	67	231	42	3	.....
45 to 64 years.....	14,440	12,043	6,699	6,829	6,204	4,908	294	235	1	3	1,268	67	63	5	1	.....
65 years and over.....	3,657	3,705	1,569	1,776	1,351	1,869	49	32	.....	.....	86	7	1	.....	.....
Age unknown.....	53	23	21	16	18	5	1	1	.....	.....	10	.....	.....	.....	.....	.....
San Francisco.	226,801	160,011	141,834	127,908	80,695	49,679	1,025	617	28	18	9,235	1,347	3,675	813	109	1
Under 5 years.....	14,866	14,412	14,234	13,714	288	274	52	49	2	.....	163	139	127	134	.....	.....
Under 1 year.....	3,169	2,984	3,086	2,914	18	12	11	11	.....	.....	19	14	33	33	.....	.....
5 to 9 years.....	12,622	12,486	11,410	11,399	852	758	34	27	2	1	152	154	42	47	.....	.....
10 to 14 years.....	12,379	12,443	11,076	11,283	952	967	28	37	1	.....	297	126	24	30	.....	.....
15 to 19 years.....	16,871	15,594	13,793	13,752	2,083	1,643	63	64	2	3	738	112	135	40	7	.....
20 to 24 years.....	26,070	20,419	16,897	15,602	7,418	4,408	120	75	6	5	848	167	762	162	19	.....
25 to 34 years.....	58,847	39,596	32,545	27,428	22,937	11,420	331	157	6	3	1,475	284	1,510	304	43	.....
35 to 44 years.....	43,254	28,745	22,050	18,065	13,341	10,274	185	114	2	2	1,764	196	669	93	27	.....
45 to 64 years.....	46,343	28,299	16,157	15,467	21,298	14,838	16	16	.....	.....	2,608	150	143	28	12	.....
65 years and over.....	8,270	7,758	2,152	2,277	5,982	5,446	41	23	1	.....	93	12	1	.....	.....
Age unknown.....	3,479	459	1,314	320	844	124	5	3	.....	.....	1,104	7	212	5	.....	.....

TABLE 14.—AGE, FOR CITIES OF 25,000 TO 100,000.

AGE PERIOD.	TOTAL.		NATIVE WHITE.		FOREIGN-BORN WHITE.		NEGRO.		INDIAN, CHINESE, JAPANESE, AND ALL OTHER.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
Berkeley.	19,518	20,018	14,514	16,828	3,936	3,717	102	145	966	226
Under 5 years.....	1,646	1,500	1,574	1,531	28	16	9	6	35	37
Under 1 year.....	364	301	354	288	.....	.....	.....	.....	10	12
5 to 9 years.....	1,355	1,450	1,311	1,375	.....	.....	.....	.....	12	9
10 to 14 years.....	1,546	1,549	1,447	1,439	67	61	10	15	22	14
15 to 19 years.....	4,254	3,745	2,774	2,774	139	111	11	11	99	23
20 to 24 years.....	2,040	2,203	1,594	1,822	261	315	8	14	207	42
25 to 34 years.....	3,699	3,912	2,511	3,044	853	767	14	37	321	64
35 to 44 years.....	2,911	3,288	1,920	2,448	821	790	18	25	152	25
45 to 64 years.....	3,324	3,840	2,047	2,657	1,350	1,156	17	22	110	5
65 years and over.....	865	1,115	472	716	386	391	2	5	.....	2
Age unknown.....	10	13	6	12	3	1	.....	.....	.....	.....
Pasadena.	13,684	16,607	11,074	13,819	1,939	2,358	342	402	329	28
Under 5 years.....	1,042	984	935	935	24	24	29	30	5	3
Under 1 year.....	203	214	203	203	.....	.....	.....	.....	.....	.....
5 to 9 years.....	984	1,009	917	955	34	31	31	22	2	1
10 to 14 years.....	1,139	946	1,089	946	27	46	25	31	94	1
15 to 19 years.....	1,147	1,241	1,042	1,151	61	84	27	30	17	3
20 to 24 years.....	1,136	1,339	935	1,169	110	142	20	24	71	4
25 to 34 years.....	2,216	2,914	1,661	2,292	377	532	55	81	123	9
35 to 44 years.....	2,058	2,777	1,325	2,114	415	583	72	79	52	1
45 to 64 years.....	2,893	3,807	2,154	3,047	682	682	68	77	60	1
65 years and over.....	1,140	1,373	882	1,098	269	258	9	17	.....	.....
Age unknown.....	49	33	28	19	11	6	.....	.....	.....	.....
Sacramento.	25,332	16,364	17,183	15,637	5,713	3,172	270	218	2,185	338
Under 5 years.....	1,574	1,506	1,477	1,421	15	22	15	14	67	49
Under 1 year.....	348	308	331	301	1	.....	.....	.....	2	5
5 to 9 years.....	1,339	1,304	1,234	1,212	51	49	12	12	42	31
10 to 14 years.....	1,386	1,347	1,270	1,222	64	57	11	16	41	22
15 to 19 years.....	1,805	1,825	1,475	1,653	171	125	22	27	137	20
20 to 24 years.....	2,650	2,260	1,823	1,917	558	264	19	26	249	53
25 to 34 years.....	6,343	3,940	3,889	3,940	3,193	1,638	652	70	35	109
35 to 44 years.....	4,673	3,188	2,911	2,464	1,256	635	60	45	467	44
45 to 64 years.....	4,561	3,017	2,554	2,049	1,525	923	50	35	432	10
65 years and over.....	969	905	471	457	453	441	11	6	34	1
Age unknown.....	52	23	28	19	2	4	.....	.....	.....	.....

TABLE 14.—AGE, FOR CITIES OF 25,000 TO 100,000—Continued.

AGE PERIOD.	TOTAL.		NATIVE WHITE.		FOREIGN-BORN WHITE.		NEGRO.		INDIAN, CHINESE, JAPANESE, AND ALL OTHER.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
	San Diego	20,726	18,852	15,658	15,431	4,260	3,086	300	287	478	38
Under 5 years.....	1,369	1,320	1,320	1,266	29	37	15	14	5	3
Under 1 year.....	282	270	277	264	3	2	.....	3	2	1
5 to 9 years.....	1,327	1,262	1,213	1,174	102	67	10	17	2	4
10 to 14 years.....	1,330	1,369	1,215	1,237	88	112	17	17	10	3
15 to 19 years.....	1,553	1,579	1,347	1,416	165	132	18	29	23	2
20 to 24 years.....	1,782	1,810	1,405	1,540	310	225	28	40	39	5
25 to 34 years.....	1,224	1,216	2,654	2,568	780	570	64	66	94	12
35 to 44 years.....	3,134	2,955	2,167	2,281	831	618	65	50	91	6
45 to 64 years.....	4,592	3,911	2,988	2,888	1,368	971	60	50	176	2
65 years and over.....	1,741	1,347	1,134	998	583	335	12	14	12	.....
Age unknown.....	286	83	225	63	24	19	11	.....	26	1
San Jose	14,399	14,547	10,495	11,740	3,232	2,585	83	99	589	123
Under 5 years.....	1,154	1,102	1,121	1,057	17	18	6	9	10	18
Under 1 year.....	250	220	247	223	3	3	.....	1	.....	3
5 to 9 years.....	1,029	1,033	963	976	51	40	4	6	11	11
10 to 14 years.....	1,036	1,081	957	1,013	65	61	4	2	10	5
15 to 19 years.....	1,182	1,368	1,037	1,229	99	99	2	4	24	6
20 to 24 years.....	1,234	1,476	949	1,233	222	209	4	15	49	19
25 to 34 years.....	2,594	2,557	1,818	2,066	630	430	15	21	131	40
35 to 44 years.....	2,296	2,233	1,503	1,696	650	501	18	15	123	21
45 to 64 years.....	2,805	2,696	1,615	1,876	1,057	794	26	23	197	3
65 years and over.....	853	886	498	429	429	429	4	4	42	.....
Age unknown.....	26	15	14	11	2	4	.....	10	.....	.....

TABLE 15.—SEX, FOR CITIES OF 25,000 OR MORE.

CITY.	1910			1900			CITY.	1910			1900		
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.		Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.
Berkeley.....	19,518	20,916	93.3	6,419	6,795	94.5	Sacramento.....	25,332	19,364	130.8	15,747	13,535	116.3
Los Angeles.....	162,669	156,529	103.9	50,519	51,960	97.2	San Diego.....	20,726	18,852	109.9	8,779	8,921	98.4
Oakland.....	78,222	71,952	108.7	32,921	34,039	96.7	San Francisco.....	236,901	180,011	131.6	184,866	157,916	117.1
Pasadena.....	13,684	16,007	82.4	4,073	5,044	80.7	San Jose.....	14,399	14,547	99.0	10,215	11,285	90.5

TABLE 16.—MARITAL CONDITION, FOR CITIES OF 25,000 OR MORE.

[Per cent not shown where base is less than 100.]

CLASS OF POPULATION AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.							FEMALES 15 YEARS OF AGE AND OVER.						
	Total. ¹	Single.		Married.		Widowed.	Divorced.	Total. ¹	Single.		Married.		Widowed.	Divorced.
		Num-ber.	Per cent.	Num-ber.	Per cent.				Num-ber.	Per cent.	Num-ber.	Per cent.		
Berkeley	14,941	6,059	40.6	8,253	55.2	501	84	16,318	5,535	33.9	7,959	48.8	2,846	563
15 to 24 years.....	3,932	3,626	92.2	2,779	7.1	1	3	4,150	3,299	79.5	813	19.6	9	22
25 to 44 years.....	6,610	2,654	31.1	4,397	66.5	96	49	7,200	1,832	25.4	4,559	63.3	347	457
45 years and over.....	4,389	375	8.5	3,573	81.4	403	32	4,955	402	8.1	2,579	52.0	1,888	84
Age unknown.....	10	4	.....	4	.....	1	.....	13	2	.....	8	.....	.....	.....
Native white—Native parentage.....	6,471	2,603	40.2	3,598	55.6	210	45	7,807	2,808	36.0	3,399	42.8	1,179	474
Native white—Foreign or mixed parentage.....	3,711	1,865	50.3	1,735	46.8	80	21	4,676	1,890	40.4	2,307	49.3	419	54
Foreign-born white.....	3,794	385	28.0	2,576	67.9	204	15	3,539	772	21.7	2,127	59.8	629	29
Negro.....	71	27	.....	40	.....	2	1	115	41	35.7	52	45.2	17	5
Indian.....	2	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....
Chinese.....	372	237	63.7	131	35.2	1	.....	28	16	.....	10	.....	.....	.....
Japanese.....	493	333	67.5	133	31.0	4	2	131	6	4.6	124	94.7	.....	1
All other.....	29	.....	.....	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Los Angeles	130,538	51,801	39.5	71,807	55.0	5,559	1,443	124,328	35,207	28.4	70,635	56.8	16,544	1,728
15 to 24 years.....	28,534	25,110	88.0	3,286	11.5	42	34	29,087	20,032	68.9	8,701	29.9	168	145
25 to 44 years.....	63,173	21,497	34.0	39,665	62.7	1,216	775	58,602	12,369	21.1	41,290	70.5	3,827	1,072
45 years and over.....	38,639	4,839	12.5	28,445	74.7	4,290	632	36,439	2,842	7.8	20,571	56.5	12,514	504
Age unknown.....	190	55	28.9	71	37.4	11	2	200	64	32.0	73	36.5	35	7
Native white—Native parentage.....	66,333	25,646	38.7	36,737	55.4	2,947	886	66,565	19,186	28.8	37,659	55.7	9,170	1,090
Native white—Foreign or mixed parentage.....	24,695	11,240	45.5	12,426	50.3	756	245	28,499	10,325	36.2	15,149	53.2	2,633	368
Foreign-born white.....	31,494	10,647	33.8	18,855	59.9	1,679	275	25,529	5,018	19.7	16,108	63.1	4,157	221
Negro.....	2,921	1,002	34.3	1,747	59.8	144	25	3,070	668	21.8	1,753	58.1	568	47
Indian.....	27	.....	.....	.....	.....	.....	.....	40	24	.....	15	.....	.....	.....
Chinese.....	1,679	555	33.1	1,069	64.9	24	.....	91	15	.....	68	.....	.....	.....
Japanese.....	3,372	2,387	70.8	935	27.7	18	12	531	71	13.4	432	85.1	7	1
All other.....	15	.....	.....	.....	.....	.....	.....	3	.....	.....	1	.....	.....	.....

¹ Total includes persons whose marital condition is unknown.

STATISTICS OF POPULATION.

TABLE 16.—MARITAL CONDITION, FOR CITIES OF 25,000 OR MORE—Continued.

[Per cent not shown where base is less than 100.]

CLASS OF POPULATION AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.						FEMALES 15 YEARS OF AGE AND OVER.							
	Total. ¹	Single.		Married.		Wid-owed.	Di-vorced.	Total. ¹	Single.		Married.		Wid-owed.	Di-vorced.
		Num-ber.	Per cent.	Num-ber.	Per cent.				Num-ber.	Per cent.	Num-ber.	Per cent.		
Oakland														
Total.....	61,380	24,891	40.6	32,761	53.4	2,568	676	55,068	15,423	28.0	31,310	56.9	7,464	822
15 to 24 years.....	13,568	12,204	89.9	1,313	9.7	9	18	13,858	9,737	70.3	3,960	28.6	54	84
25 to 44 years.....	29,662	10,128	34.1	18,505	62.4	467	368	25,437	4,631	18.2	18,835	74.0	1,460	501
45 years and over.....	18,097	2,543	14.1	12,292	71.4	2,091	289	15,748	1,050	6.7	8,506	54.0	5,944	237
Age unknown.....	53	16		14		1		23	5		9		6	
Native white—Native parentage.....	19,751	7,563	38.3	11,030	55.8	850	287	19,691	5,720	29.0	10,782	54.8	2,786	384
Native white—Foreign or mixed parentage.....	16,228	8,446	52.0	7,193	44.3	394	185	18,361	7,960	38.5	9,330	52.4	1,363	276
Foreign-born white.....	20,132	6,639	33.0	12,104	60.1	1,179	184	15,246	2,302	15.1	9,782	64.2	3,017	133
Negro.....	1,357	617	45.5	650	47.9	2	17	1,168	20	1.6	665	56.9	23	29
Indian.....	6	6						11	3		5		3	
Chinese.....	2,839	929	32.7	1,419	50.0	65	1	325	61	18.8	222	68.3	40	4
Japanese.....	1,055	686	65.0	360	34.1	6	2	263	36	13.7	223	84.8	4	
All other.....	12	9		3				1			1			
Pasadena														
Total.....	10,659	3,588	33.6	6,357	59.9	599	55	13,484	4,588	34.1	6,642	48.3	2,101	121
15 to 24 years.....	2,283	2,283	100.0					2,860	2,062	71.9	2		13	7
25 to 44 years.....	4,274	1,199	28.1	2,908	68.0	148	16	5,691	1,821	32.0	3,469	61.0	337	61
45 years and over.....	4,053	297	7.3	3,266	80.6	448	37	5,180	708	13.7	2,669	51.5	1,747	52
Age unknown.....	49	22		7				33	7		11		4	1
Native white—Native parentage.....	6,426	2,071	32.2	3,903	60.7	398	36	8,304	2,755	33.2	4,105	49.4	1,355	78
Native white—Foreign or mixed parentage.....	1,801	740	41.1	955	52.2	65	11	2,586	1,067	41.3	1,201	46.4	291	24
Foreign-born white.....	1,854	458	24.7	1,251	67.5	130	7	2,257	708	31.4	1,139	50.5	391	13
Negro.....	257	69	26.8	170	66.1	14	1	319	65	20.4	185	57.8	63	6
Indian.....								2	1		2			
Chinese.....	100	72	72.0	28	28.0			1	1		2			
Japanese.....	221	176	79.6	40	18.1	2		15	2		12		1	
Sacramento														
Total.....	21,033	10,086	46.0	9,654	45.9	882	305	15,207	4,283	28.2	8,612	56.6	2,013	287
15 to 24 years.....	4,455	3,483	89.4	451	10.1	7	6	4,085	2,715	66.5	1,314	32.2	19	35
25 to 44 years.....	11,749	4,859	44.1	5,694	51.7	218	179	11,774	1,317	18.4	5,288	73.4	413	174
45 years and over.....	5,530	1,212	22.3	3,499	63.3	657	120	3,922	245	6.2	2,018	51.5	1,579	77
Age unknown.....	32	12		10				23	6		12		2	1
Native white—Native parentage.....	8,035	3,679	45.8	3,835	47.7	349	154	6,661	2,061	30.9	3,628	54.5	813	154
Native white—Foreign or mixed parentage.....	5,167	2,572	49.8	2,322	44.9	179	84	5,091	1,678	33.0	2,866	56.3	461	82
Foreign-born white.....	5,583	2,535	45.4	2,642	47.3	330	62	3,044	446	14.7	1,839	60.4	707	49
Negro.....	232	117	50.4	101	43.5	9	3	174	49	28.2	95	54.6	28	2
Indian.....	3	3						4	7		39		1	
Chinese.....	924	406	43.9	501	54.2	5	1	47	7		3		1	
Japanese.....	1,085	773	71.2	251	23.1	9	1	189	42	22.2	144	76.2	3	
All other.....	4	1		2		1		1						
San Diego														
Total.....	16,700	8,716	40.2	8,512	51.0	985	224	14,901	4,200	28.2	8,317	55.8	2,158	202
15 to 24 years.....	3,335	2,984	89.5	328	9.8	3	6	3,389	2,406	71.0	928	27.4	4	26
25 to 44 years.....	10,210	5,746	56.2	3,953	37.9	158	114	6,341	1,278	20.1	4,372	70.8	412	106
45 years and over.....	6,333	1,184	18.7	4,206	66.4	825	103	5,258	478	9.1	3,067	56.9	1,715	74
Age unknown.....	286	37	12.9	25	8.7	4	1	83	38		4		5	
Native white—Native parentage.....	8,951	3,452	38.6	4,627	51.7	550	124	8,639	2,469	28.6	4,722	54.7	1,297	132
Native white—Foreign or mixed parentage.....	2,969	1,368	46.1	1,442	48.6	118	37	3,115	1,104	35.4	1,678	53.9	301	31
Foreign-born white.....	4,061	1,988	39.3	2,106	51.9	292	50	2,870	561	19.5	1,076	51.5	507	32
Negro.....	258	103	39.9	111	43.0	20	12	249	59	23.7	133	53.4	51	6
Indian.....	2	1						2	5		5			
Chinese.....	324	90	27.8	198	61.1	2	1	10	5					
Japanese.....	134	104	77.6	27	20.1	2		14	2		13			
All other.....	1					1								1
San Francisco														
Total.....	197,134	96,430	48.9	81,243	41.2	7,451	2,532	140,870	44,858	31.8	74,790	53.1	18,260	2,894
15 to 24 years.....	42,941	38,574	89.9	3,204	7.5	42	48	36,013	26,025	72.3	9,524	26.4	160	227
25 to 44 years.....	102,101	46,451	45.5	48,931	47.9	1,698	1,460	68,341	15,633	22.9	46,794	68.5	4,033	1,787
45 years and over.....	48,613	10,091	20.6	29,877	61.5	5,688	1,019	36,057	3,048	8.5	18,314	50.8	13,997	670
Age unknown.....	3,479	614	17.6	131	3.8	23	5	459	152	33.1	158	34.4	50	10
Native white—Native parentage.....	48,504	25,365	52.3	17,909	36.9	1,466	936	34,952	12,520	35.8	17,279	49.4	4,991	1,038
Native white—Foreign or mixed parentage.....	56,610	32,040	56.6	22,174	39.2	1,467	809	55,959	23,038	41.2	27,503	49.1	4,299	1,041
Foreign-born white.....	78,873	32,602	41.7	35,844	45.4	4,315	702	47,880	8,767	18.3	28,668	59.9	9,793	591
Negro.....	911	526	57.7	308	33.8	55	13	504	152	30.2	254	50.4	76	22
Indian.....	23	15		7				14	8		1			
Chinese.....	8,623	3,329	38.6	3,988	46.2	110	1	928	242	26.1	601	64.8	81	
Japanese.....	3,482	2,247	64.5	964	27.7	25	11	632	134	21.2	478	75.6	18	2
All other.....	108	46	42.6	49	45.4	12								1
San Jose														
Total.....	11,180	4,328	38.7	6,122	54.8	579	105	11,331	3,491	30.8	5,965	52.6	1,705	157
15 to 24 years.....	2,416	2,131	88.2	272	11.3	5	1	2,842	2,064	72.6	748	26.3	15	14
25 to 44 years.....	4,891	1,620	33.1	3,099	63.4	104	56	4,790	1,162	23.0	3,287	68.5	304	93
45 years and over.....	3,848	573	14.9	2,745	71.3	469	48	3,682	320	8.7	1,926	52.3	1,381	49
Age unknown.....	26	2		6		1		15	5		5		1	
Native white—Native parentage.....	4,528	1,753	38.7	2,440	53.9	257	50	5,200	1,676	32.2	2,636	50.7	786	98
Native white—Foreign or mixed parentage.....	2,926	1,371	46.9	1,417	48.4	98	38	3,494	1,427	40.8	1,711	49.0	313	38
Foreign-born white.....	3,099	911	29.4	1,955	63.1	211	16	2,466	357	14.5	1,485	60.6	592	18
Negro.....	69	21		42		5	1	82	16		49		14	3
Indian.....	1	1						1	1		1			
Chinese.....	312	123	39.4	171	54.8	8		23	6		17			
Japanese.....	642	146	22.8	96	15.0	8		65	9		56			
All other.....	3	2		1										

¹ Total includes persons whose marital condition is unknown.

TABLE 17.—INDIAN, CHINESE, AND JAPANESE POPULATION, BY COUNTIES.

COUNTY.	INDIAN.			CHINESE.			JAPANESE.		
	1910	1900	1890	1910	1900	1890	1910	1900	1890
The state.....	16,371	15,377	16,624	36,248	45,753	72,472	41,356	10,151	1,147
Alameda.....	41	71	25	4,588	2,211	3,311	3,266	1,149	184
Alpine.....	94	142	234	5	5	5	31	.....	.....
Amador.....	143	130	58	101	153	324	2	.....	3
Butte.....	298	201	319	572	712	1,530	295	365	3
Calaveras.....	161	100	77	49	148	326	3	4	3
Colusa.....	169	121	277	218	274	924	1,100	53	5
Contra Costa.....	3	8	3	550	627	465	1,009	276	11
Del Norte.....	337	269	376	1	.....	.....	.....	.....	2
Eldorado.....	177	138	136	58	206	518	31	30	2
Fresno.....	313	520	347	1,377	1,775	2,736	2,233	598	12
Glenn.....	32	24	.....	129	227	.....	33	14	.....
Humboldt.....	1,652	1,728	1,379	6	5	19	6	.....	1
Imperial.....	682	.....	.....	32	.....	.....	217	.....	.....
Inyo.....	792	940	850	100	67	89	41	.....	.....
Kern.....	220	344	337	841	906	1,124	273	43	3
Kings.....	32	51	.....	358	417	.....	293	156	.....
Lake.....	433	428	556	24	82	210	3	3	.....
Lassen.....	410	381	335	13	28	41	6	2	.....
Los Angeles.....	37	69	144	2,502	3,209	4,424	8,461	294	36
Madera.....	419	401	.....	211	229	.....	32	19	.....
Marin.....	26	25	31	555	489	915	199	62	24
Mariposa.....	192	173	152	69	103	181	3	.....	.....
Mendocino.....	1,170	1,353	581	263	218	359	77	23	1
Merced.....	.....	4	30	278	357	746	98	43	.....
Modoc.....	546	503	499	11	6	.....	1	.....	.....
Mono.....	386	389	368	21	120	146	14	1	.....
Monterey.....	29	26	58	575	857	1,667	1,121	710	1
Napa.....	6	18	15	205	541	875	103	6	6
Nevada.....	52	48	159	369	632	1,053	22	15	5
Orange.....	21	.....	5	83	136	162	641	3	.....
Placer.....	102	74	73	612	1,050	1,429	862	133	6
Plumas.....	380	444	374	105	192	307	20	.....	.....
Riverside.....	1,590	809	.....	187	316	.....	765	97	.....
Sacramento.....	62	24	40	2,143	3,254	4,371	3,874	1,209	51
San Benito.....	.....	36	41	66	69	85	286	15	.....
San Bernardino.....	573	572	399	254	388	682	946	148	2
San Diego.....	1,516	2,197	478	430	414	909	520	25	130
San Francisco.....	46	15	31	10,582	13,954	25,833	4,518	1,731	590
San Joaquin.....	8	1	.....	1,568	1,875	1,670	1,804	313	10
San Luis Obispo.....	14	1	47	165	154	386	434	16	2
San Mateo.....	1	1	6	309	306	448	358	46	9
Santa Barbara.....	45	72	73	440	459	581	863	114	5
Santa Clara.....	16	9	19	1,064	1,738	2,723	2,299	284	27
Santa Cruz.....	15	67	10	194	614	785	689	235	19
Shasta.....	756	862	693	88	102	342	42	20	2
Sierra.....	54	31	10	117	309	488	17	1	.....
Siskiyou.....	1,109	480	710	480	790	1,151	24	8	.....
Solano.....	1	2	11	311	903	1,522	894	870	26
Sonoma.....	340	316	297	287	598	1,145	554	148	74
Stanislaus.....	30	25	12	161	236	421	113	5	.....
Sutter.....	18	20	1	79	226	327	134	155	.....
Tehama.....	94	99	101	309	729	892	98	143	.....
Trinity.....	227	234	193	163	336	554	1	.....	.....
Tulare.....	204	175	178	257	370	954	615	48	2
Tuolumne.....	186	149	218	75	158	253	6	2	.....
Ventura.....	3	5	91	235	408	451	872	94	1
Yolo.....	32	28	41	198	346	604	789	410	5
Yuba.....	16	24	27	493	719	974	336	56	1

¹ Includes 5,107 Indians, specially enumerated in 1890, not distributed by counties.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

[Per cent not shown where base is less than 100.]

SUBJECT.	THE STATE.	Alameda.	Alpine.	Amador.	Butte.	Calaveras.	Colusa. ¹	Contra Costa.	Del Norte. ²
POPULATION									
Total population, 1910.....	2,377,549	246,131	309	9,086	27,301	9,171	7,732	31,674	2,417
1900.....	1,485,053	180,197	509	11,116	17,117	11,200	7,304	18,046	2,408
1880.....	1,213,398	93,864	667	10,920	17,939	8,882	14,640	15,515	2,592
1860.....	880,694	62,973	539	11,884	18,721	9,087	13,116	12,525	2,584
1870.....	1,560,247	24,227	685	9,582	11,403	8,805	6,165	8,461	3,022
Increase, 1900-1910.....	892,496	115,934	-200	-2,030	10,184	-2,029	368	13,628	9
Per cent of increase.....	60.1	39.0	-39.3	-18.3	58.5	-18.1	5.0	75.5	0.4
Increase, 1880-1900.....	271,655	36,333	-158	796	-822	2,318	-7,276	1,484	-184
Per cent of increase.....	22.4	38.7	-23.7	7.7	-4.6	26.1	-49.7	33.5	-7.1
Land area (square miles).....	156,652	732	776	601	1,722	1,027	1,140	714	1,024
Population per square mile, 1910.....	15.3	336.2	0.4	15.1	15.9	8.9	6.8	44.4	2.4
Rural population per square mile, 1910.....	6.8	31.8	0.4	15.1	11.4	8.9	6.8	34.8	2.4
URBAN AND RURAL TERRITORY.									
Urban, 1910—Places of 2,500 or more in 1910.....	1,469,739	222,821	.....	.....	7,609	.....	.....	6,802	.....
Same places in 1900.....	810,193	101,872	.....	.....	2,640	.....	.....	.....	.....
Per cent of increase, 1900-1910.....	81.4	118.7	.....	.....	188.2	.....	.....	.....	.....
Rural, 1910—Remainder of county in 1910.....	907,810	23,310	309	9,086	19,692	9,171	7,732	24,872	2,417
Same territory in 1900.....	674,860	28,325	509	11,116	14,477	11,200	7,364	18,046	2,408
Per cent of increase, 1900-1910.....	34.5	-17.7	-39.3	-18.3	36.0	-18.1	5.0	37.8	0.4
Urban, 1900—Places of 2,500 or more in 1900.....	777,699	96,638	.....	.....	2,640	.....	.....	.....	.....
Rural, 1900—Remainder of county in 1900.....	707,354	33,559	509	11,116	14,477	11,200	7,364	18,046	2,408
Per cent in places of 2,500 or more, 1910.....	61.8	90.5	.....	.....	27.9	.....	.....	21.5	.....
Per cent in places of 2,500 or more, 1900.....	52.4	74.2	.....	.....	15.4	.....	.....	.....	.....
COLOR AND NATIVITY									
White.....	2,259,672	234,520	213	8,838	25,684	8,941	7,155	29,911	2,078
Number in 1900.....	1,469,327	125,732	559	10,805	16,732	10,879	6,840	17,088	2,138
Number in 1890.....	1,111,833	89,659	436	9,909	16,864	8,399	13,526	12,939	2,808
Negro.....	21,645	3,634	.....	.....	2,122	17	50	67	1
Number in 1900.....	11,045	1,334	3	28	109	69	76	47	1
Number in 1890.....	11,322	755	.....	.....	223	77	189	64	5
Black.....	13,787	1,753	.....	.....	95	16	7	40	1
Mulatto.....	7,858	1,881	.....	.....	2	1	45	27	.....
Indian, Chinese, Japanese, and all other (see Tables 1 and 17).....	96,232	7,977	96	246	1,495	213	527	1,696	338
Native white—Native parentage.....	1,106,533	91,979	93	3,554	17,587	4,271	4,887	9,973	1,220
Number in 1900.....	644,428	44,266	166	4,649	10,518	5,204	4,705	5,851	1,253
Native white—Foreign or mixed parentage.....	635,889	82,917	78	7,805	10,946	2,857	1,447	10,345	500
Number in 1900.....	441,734	47,997	124	6,624	5,383	5,458	1,408	6,736	680
Native white—Foreign parentage.....	403,964	54,381	47	1,802	2,529	1,743	839	7,029	252
Native white—Mixed parentage.....	232,525	28,536	31	968	2,417	1,114	608	3,316	238
Foreign-born white.....	517,250	59,624	42	2,484	3,151	1,813	821	9,593	358
Number in 1900.....	180,505	33,179	79	2,572	1,832	2,217	727	5,118	325
PER CENT OF TOTAL POPULATION.									
Native white—Native parentage.....	46.5	37.4	30.1	39.1	64.4	46.6	63.2	31.5	50.5
Per cent in 1900.....	43.4	34.0	30.6	40.9	61.4	46.5	63.9	29.0	51.2
Native white—Foreign or mixed parentage.....	29.7	26.7	25.2	21.4	31.2	18.1	15.7	32.7	20.7
Per cent in 1900.....	29.7	36.9	34.9	33.1	19.8	19.1	19.1	37.3	21.1
Foreign-born white.....	21.8	24.2	13.6	27.3	11.5	19.8	10.6	30.3	14.8
Per cent in 1900.....	21.3	25.5	16.5	23.1	10.7	19.8	9.9	28.4	15.6
FOREIGN NATIONALITIES									
FOREIGN-BORN WHITE: Born in—									
Atlantic islands.....	2,860	231	.....	.....	.....	1	1	10	.....
Australia.....	2,296	594	.....	.....	5	14	2	40	2
Austria.....	17,163	1,701	.....	544	47	280	12	262	11
Canada—French.....	3,109	307	.....	16	46	21	18	1	.....
Canada—Other.....	41,445	4,602	.....	19	322	65	75	396	22
Denmark.....	14,938	1,824	.....	1	11	11	11	21	11
England.....	48,667	5,982	1	388	373	142	45	538	22
Finland.....	6,156	725	.....	3	18	3	4	55	3
France.....	17,390	2,021	1	26	51	59	10	177	2
Germany.....	76,305	9,012	20	120	512	179	265	825	42
Greece.....	7,918	869	.....	16	361	.....	44	227	1
Hungary.....	5,301	330	.....	.....	22	.....	.....	49	.....
Ireland.....	52,475	6,000	1	87	230	87	80	926	36
Italy.....	63,601	5,308	5	983	252	634	51	2,826	35
Mexico.....	33,444	496	.....	6	63	58	23	408	2
Norway.....	9,952	1,428	1	5	53	14	12	116	2
Portugal.....	22,427	7,619	1	35	21	12	25	1,517	21
Russia.....	16,607	1,126	.....	5	45	3	7	80	14
Scotland.....	13,694	2,035	.....	20	101	31	7	151	7
Spain.....	4,218	183	.....	1	32	15	3	35	1
Sweden.....	26,210	3,575	.....	16	127	23	40	356	26
Switzerland.....	14,520	998	5	65	57	53	14	147	90
Turkey.....	4,521	154	.....	4	8	4	3	8	.....
Other foreign countries.....	13,783	1,637	1	4	104	78	27	215	4
NATIVE WHITE: Both parents born in—									
Austria.....	5,576	509	.....	152	11	99	8	98	3
Canada—French.....	1,755	196	.....	9	16	12	6	9	2
Canada—Other.....	11,921	1,424	.....	12	84	23	43	113	17
Denmark.....	8,244	1,761	1	11	4	12	12	14	1
England.....	26,096	3,310	.....	289	263	421	42	515	12
France.....	8,836	1,155	.....	23	28	39	7	82	.....
Germany.....	85,362	10,182	28	149	659	254	353	825	57
Ireland.....	69,988	7,918	3	192	422	185	107	1,062	46
Italy.....	32,651	3,150	.....	1,680	62	502	13	4	.....
Norway.....	4,666	833	.....	.....	24	1	4	26	3
Russia.....	8,946	1,946	.....	.....	19	5	3	26	4
Scotland.....	7,443	1,182	1	14	69	18	27	97	.....
Sweden.....	14,797	2,153	.....	18	40	5	40	185	3
Switzerland.....	8,861	584	5	53	27	53	4	91	36
All others of foreign parentage.....	108,222	19,378	9	186	764	382	173	2,410	74

¹ For changes in boundaries, etc., see page 617.² State total includes population (5,268) of Indian reservations, etc., specially enumerated in 1890, not distributed by counties.³ State total includes population (1,686) of Klamath County, annexed to Humboldt and Siskiyou Counties in 1874.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES.

A minus sign (-) denotes decrease.]

SUBJECT.	THE STATE.	Alameda.	Alpine.	Amador.	Butte.	Calaveras.	Colusa. ¹	Contra Costa.	Del Norte. ¹
SEX									
Total.. Male.....	1,322,978	127,142	175	5,357	16,059	5,452	4,682	19,482	1,401
Female.....	1,064,571	119,850	134	3,729	11,242	3,719	3,070	12,192	1,016
White.. Male.....	1,232,990	118,960	123	5,204	14,098	5,318	4,195	17,819	1,240
Female.....	1,026,682	115,860	90	3,634	10,986	3,023	2,960	12,652	838
Negro.. Male.....	11,308	3,986	.....	.....	.....	.....	.....	.....	.....
Female.....	10,342	1,738	.....	1	56	9	19	28	1
MALES OF VOTING AGE									
Total number.....	920,337	85,334	115	3,668	11,214	3,624	3,214	13,575	922
Number in 1900.....	644,087	41,191	211	4,244	6,693	4,552	2,763	7,123	819
Native white—Native parentage.....	367,783	27,222	32	1,046	5,966	1,274	1,703	3,447	404
Number in 1900.....	201,584	12,198	69	1,483	3,280	1,086	1,494	1,824	358
Native white—Foreign or mixed parentage.....	181,059	20,546	21	1,429	1,927	1,004	557	2,495	163
Number in 1900.....	107,697	9,746	20	971	1,701	1,184	430	1,416	149
Native white—Foreign parentage.....	14,494	14,494	14	570	1,112	639	360	1,763	95
Native white—Mixed parentage.....	60,016	6,052	7	579	815	335	197	732	68
Foreign-born white.....	297,365	31,249	29	1,668	2,164	1,251	564	6,127	262
Number in 1900.....	180,294	16,678	04	1,693	1,211	1,249	473	3,261	240
Negro.....	8,143	1,413	.....	1	48	6	21	27	.....
Number in 1900.....	3,711	447	3	10	57	26	31	17	.....
Indian, Chinese, Japanese, and all other.....	66,047	5,504	33	34	1,109	89	369	1,479	93
PER CENT OF TOTAL.									
Native white—Native parentage.....	40.0	31.7	27.8	28.5	53.2	35.2	53.0	25.4	43.8
Native white—Foreign or mixed parentage.....	19.7	23.9	18.3	23.1	17.2	27.7	17.3	18.4	17.7
Foreign-born white.....	32.3	36.4	25.2	45.5	19.3	34.5	17.5	45.1	28.4
CITIZENSHIP OF FOREIGN-BORN WHITE.									
Naturalized.....	137,274	16,009	18	673	1,026	613	329	2,101	170
Having first papers.....	27,708	2,875	143	119	111	35	56	536	20
Alien.....	99,940	9,971	11	760	745	379	149	3,099	59
Unknown.....	32,443	1,794	.....	92	274	148	51	391	13
ILLITERACY									
ILLITERATE MALES OF VOTING AGE.									
Total number illiterate.....	42,787	3,966	30	321	870	294	177	1,458	72
Per cent illiterate.....	4.6	6.7	26.1	8.8	7.8	8.1	5.5	10.7	7.8
Per cent in 1900.....	6.2	6.7	23.7	8.4	6.3	7.6	6.7	12.6	11.1
Native white, number illiterate.....	3,175	205	.....	9	24	37	13	44	4
Per cent illiterate.....	0.6	0.4	.....	0.5	0.3	1.0	0.6	0.7	0.7
Foreign-born white, number illiterate.....	28,921	3,284	2	259	340	214	56	1,269	12
Per cent illiterate.....	10.5	10.5	15.5	15.7	17.1	17.1	9.9	20.7	4.6
Negro, number illiterate.....	556	53	.....	.....	.....	1	1	2	.....
Per cent illiterate.....	6.8	3.8	.....	.....	.....	.....	.....	.....	.....
PERSONS 10 YEARS OLD AND OVER.									
Total number.....	2,007,698	207,568	249	7,479	22,943	7,418	6,521	25,659	1,842
Number illiterate.....	74,902	7,381	67	530	1,110	439	254	2,217	151
Per cent illiterate.....	3.7	3.6	26.9	7.1	4.9	6.6	4.0	8.6	7.8
Native white, number.....	1,396,146	138,606	128	4,816	18,349	5,443	5,191	14,593	1,337
Number illiterate.....	7,509	576	1	32	35	62	26	103	5
Per cent illiterate.....	0.5	0.4	0.8	0.7	0.2	1.1	0.5	0.7	0.4
Foreign-born white, number.....	305,312	58,447	42	2,457	3,101	1,785	813	9,363	354
Number illiterate.....	50,292	5,997	2	398	464	330	72	1,942	21
Per cent illiterate.....	16.5	10.3	.....	16.2	15.0	18.5	8.9	20.7	5.9
Negro, number.....	18,699	3,153	.....	2	106	15	2	4	55
Number illiterate.....	1,329	133	.....	.....	.....	15	2	3	.....
Per cent illiterate.....	7.1	4.2	.....	.....	14.2	.....	.....	.....	.....
PERSONS 10 TO 20 YEARS, INCLUSIVE.									
Total number.....	415,915	44,263	60	1,646	5,079	1,705	1,456	5,318	460
Number illiterate.....	7,027	403	8	34	104	42	36	180	10
Per cent illiterate.....	1.7	0.9	.....	2.1	2.0	2.5	2.5	3.4	2.1
SCHOOL AGE AND ATTENDANCE									
Total number 6 to 20 years, inclusive.....	565,554	58,629	82	2,256	6,789	2,432	1,924	7,521	678
Number attending school.....	361,077	39,552	38	1,502	4,467	1,707	1,247	4,957	480
Per cent attending school.....	65.0	67.5	.....	66.6	65.8	70.2	64.8	65.9	70.8
Number 6 to 9 years.....	139,639	14,366	22	610	1,710	727	468	2,293	198
Number attending school.....	106,378	11,719	.....	501	1,278	595	323	1,775	147
Number 10 to 14 years.....	173,945	18,203	29	720	2,143	804	603	2,365	211
Number attending school.....	163,142	17,476	25	702	2,007	758	569	2,242	202
Number 15 to 17 years.....	112,016	12,969	17	429	1,386	450	417	1,352	135
Number attending school.....	66,013	7,380	13	252	865	298	274	748	107
Number 18 to 20 years.....	129,960	13,788	14	497	1,590	451	436	1,601	134
Number attending school.....	22,644	2,977	47	317	56	56	81	192	24
PERSONS 6 TO 14 YEARS, INCLUSIVE.									
Total number.....	313,584	32,569	51	1,330	3,853	1,531	1,071	4,568	400
Number attending school.....	272,520	29,195	25	1,203	3,285	1,353	892	4,017	349
Per cent attending school.....	86.9	89.6	.....	90.5	85.3	88.4	83.3	87.9	85.3
Native white—Native parentage, number.....	176,116	14,448	17	747	3,004	986	800	1,744	231
Number attending school.....	182,985	12,880	9	675	2,576	886	675	1,515	199
Per cent attending school.....	87.4	89.1	.....	90.4	85.8	89.9	84.4	86.9	86.1
Native white—Foreign or mixed parentage, number.....	112,614	15,498	18	487	672	470	220	2,391	99
Number attending school.....	99,184	14,022	13	445	583	416	198	2,139	95
Per cent attending school.....	88.1	90.5	.....	91.4	86.8	88.5	90.0	89.5	.....
Foreign-born white, number.....	17,299	1,805	.....	57	62	35	13	404	7
Number attending school.....	14,245	1,610	.....	33	44	28	11	346	6
Per cent attending school.....	82.3	89.2	.....	.....	.....	.....	.....	85.6</	

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Elderado.	Fresno. ¹	Glenn. ¹	Humboldt. ¹	Imperial. ¹	Inyo.	Kern.	Kings. ¹	Lake. ¹	Lassen.
POPULATION										
Total population, 1910.....	7,492	75,657	7,172	33,857	213,591	6,874	37,715	16,239	5,526	4,802
1900.....	8,936	37,862	5,150	27,104	(C)	4,377	16,489	9,871	6,017	4,511
1890.....	9,232	32,026	.....	23,469	.....	3,544	9,808	.....	7,101	4,233
1880.....	10,653	9,473	.....	15,612	.....	2,928	3,601	.....	6,596	3,340
1870.....	10,309	6,336	.....	6,140	.....	1,956	2,925	.....	2,969	1,327
Increase, 1900-1910.....	-1,494	37,795	2,022	6,753	213,691	2,597	21,235	6,359	-491	291
Per cent of increase.....	-16.6	99.8	39.3	24.9	(C)	60.3	128.9	64.4	-8.2	6.5
Increase, 1890-1900.....	-246	5,836	5,150	2,223	.....	833	6,672	9,871	-1,084	272
Per cent of increase.....	-2.7	15.2	.....	10.8	.....	19.0	68.0	.....	-15.3	6.4
Land area (square miles).....	1,753	5,950	1,259	3,634	4,089	10,019	8,003	1,199	1,278	4,531
Population per square mile, 1910.....	4.3	12.7	5.7	9.3	3.3	0.7	4.7	14.0	4.3	1.1
Rural population per square mile, 1910.....	4.3	7.3	5.7	6.1	3.3	0.7	3.1	9.8	4.3	1.1
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....	.....	29,091	.....	11,845	(C)	.....	12,727	4,828	.....	.....
Same places in 1900.....	.....	12,470	.....	7,327	(C)	.....	6,127	2,928	.....	.....
Per cent of increase, 1900-1910.....	.....	133.3	.....	61.7	(C)	.....	107.7	64.9	.....	.....
Rural, 1910—Remainder of county in 1910.....	.....	46,566	7,172	22,012	213,591	6,974	24,988	11,401	5,526	4,802
Same territory in 1900.....	.....	23,392	5,150	19,777	(C)	4,377	10,353	6,942	6,017	4,511
Per cent of increase, 1900-1910.....	.....	83.4	39.3	11.3	(C)	59.3	141.4	64.2	-3.2	6.5
Urban, 1900—Places of 2,500 or more in 1900.....	.....	12,470	.....	7,327	(C)	.....	4,836	2,929	.....	.....
Rural, 1900—Remainder of county in 1900.....	.....	8,986	25,392	5,150	19,777	(C)	4,377	11,644	6,942	6,017
Per cent in places of 2,500 or more, 1900.....	.....	38.5	.....	35.0	(C)	.....	33.7	29.8	.....	.....
Per cent in places of 2,500 or more, 1910.....	.....	32.9	.....	27.0	(C)	.....	29.3	29.7	.....	.....
COLOR AND NATIVITY										
White.....	7,198	71,215	6,915	32,153	12,582	6,020	36,007	15,366	5,055	4,372
Number in 1900.....	8,213	34,670	4,867	25,359	.....	3,355	16,974	9,171	6,492	4,080
Number in 1890.....	8,393	28,474	.....	22,022	.....	2,593	8,214	.....	6,294	3,867
Negro.....	28	471	15	40	65	21	369	172	111	11
Number in 1900.....	99	399	18	12	16	12	208	76	12	1
Number in 1890.....	183	457	.....	48	.....	13	150	.....	41	6
Black.....	24	372	12	28	51	10	288	83	10	1
Mulatto.....	4	97	3	12	14	11	83	166	1	.....
Ind., Chi., Jap., and all other (see Tables I and I7).....	266	3,968	242	1,664	944	933	1,339	692	460	429
Native white—Native parentage.....	4,653	39,941	4,388	13,297	8,246	3,193	22,233	9,656	3,690	3,023
Number in 1900.....	4,833	20,602	3,013	11,311	.....	1,264	8,875	6,291	5,924	2,916
Native white—Foreign or mixed parentage.....	2,077	15,287	1,575	9,657	1,873	1,974	6,555	2,922	842	803
Number in 1900.....	2,569	7,169	1,134	7,893	.....	3,377	3,394	1,771	338	726
Native white—Foreign parentage.....	1,190	10,798	886	5,840	1,033	718	3,689	1,774	421	347
Native white—Mixed parentage.....	887	4,489	689	3,847	840	658	2,866	1,148	421	456
Foreign-born white.....	1,068	15,987	952	9,169	2,463	1,451	7,219	2,788	523	546
Number in 1900.....	1,411	6,803	720	6,190	.....	1,560	2,705	1,139	630	437
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	54.1	52.8	61.2	39.3	60.7	45.8	59.0	59.6	66.8	63.0
Per cent in 1900.....	50.2	51.7	.....	41.7	.....	35.9	63.4	.....	64.2	64.6
Native white—Foreign or mixed parentage.....	27.7	20.2	22.0	28.6	13.8	19.7	17.4	18.0	15.2	16.7
Per cent in 1900.....	28.6	18.9	.....	29.0	.....	19.9	20.6	17.9	15.6	16.5
Foreign-born white.....	14.3	21.1	13.3	27.1	18.1	20.8	19.1	17.2	9.5	11.4
Per cent in 1900.....	15.7	18.2	14.0	22.8	.....	18.8	16.4	11.6	10.8	9.7
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Atlantic Islands.....	2	9	.....	10	.....	.....	16	59	.....	.....
Australia.....	7	45	3	32	5	1	367	.....	2	2
Austria.....	10	387	18	434	82	71	307	25	32	3
Canada—French.....	9	60	41	65	8	12	26	4	2	7
Canada—Other.....	9	421	.....	1,640	204	143	510	162	94	25
Denmark.....	27	1,421	32	429	28	14	118	24	10	2
England.....	139	979	63	376	106	158	598	193	67	35
Finland.....	2	117	7	846	4	.....	46	1	6	.....
France.....	18	444	28	103	40	47	539	25	14	43
Germany.....	215	1,102	306	791	151	168	737	127	102	76
Greece.....	6	134	35	36	22	55	335	16	.....	65
Hungary.....	1	49	14	50	35	4	27	2	.....	.....
Ireland.....	76	400	85	668	62	132	540	95	28	34
Italy.....	170	1,403	18	1,083	34	78	572	222	39	26
Mexico.....	9	215	6	1,651	204	143	1,402	278	2	1
Norway.....	8	136	31	562	8	18	160	28	4	15
Portugal.....	23	631	22	334	7	5	122	1,157	2	13
Russia.....	6	2,826	12	74	10	8	250	11	.....	2
Scotland.....	35	311	25	111	31	45	154	32	32	9
Spain.....	5	182	12	13	7	50	18	1	35	13
Sweden.....	17	1,288	34	790	49	44	174	66	53	30
Switzerland.....	158	219	20	576	49	29	135	79	15	61
Turkey.....	10	2,257	.....	8	4	4	19	1	.....	.....
Other foreign countries.....	50	228	20	152	59	60	162	142	25	19
NATIVE WHITE: Both parents born in—										
Austria.....	.....	148	15	83	43	4	49	5	31	1
Canada—French.....	.....	43	33	4	4	3	22	.....	4	4
Canada—Other.....	.....	276	24	879	48	48	138	62	.....	6
Denmark.....	.....	1,072	15	278	11	2	38	16	8	16
England.....	.....	473	43	171	61	71	235	93	43	21
France.....	.....	160	13	48	22	13	303	11	2	6
Germany.....	.....	1,118	.....	778	200	194	688	225	93	89
Ireland.....	.....	602	130	577	94	156	615	124	42	34
Italy.....	.....	638	1	2,111	4	13	69	69	13	2
Norway.....	.....	113	55	249	19	11	20	3	6	3
Russia.....	.....	1,546	4	9	2	.....	165	1	.....	.....
Scotland.....	.....	151	15	79	26	.....	109	26	7	2
Sweden.....	.....	1,334	14	408	39	10	76	49	46	21
Switzerland.....	.....	85	6	364	13	3	45	45	13	37
All others of foreign parentage.....	.....	3,027	178	1,676	447	166	994	1,042	96	102

¹ For changes in boundaries, etc., see page 617. ² For combined figures for Imperial and San Diego Counties, see Note 1 on page 617. ³ Comparable figures not available; for combined figures, see Note 1 on page 617. ⁴ See Note 2 on page 617.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Eldorado.	Fresno. ¹	Glenn. ¹	Humboldt. ¹	Imperial. ¹	Inyo.	Kern.	Kings. ¹	Lake. ¹	Lassen.
SEX										
Total.. Male.....	4,308	42,858	4,427	18,654	8,900	4,780	25,413	9,220	2,944	2,842
Female.....	3,193	32,899	2,745	14,203	4,691	2,184	12,302	7,010	2,682	1,800
White.. Male.....	4,203	39,380	4,194	18,792	8,241	4,256	24,117	8,523	2,685	2,614
Female.....	2,936	31,853	2,721	13,361	4,341	1,764	11,800	6,843	2,370	1,738
Negro.. Male.....	22	626	6	14	16	13	185	89	6	1
Female.....	6	246	6	26	19	8	184	83	5	1
MALES OF VOTING AGE										
Total number.....	3,146	27,887	3,141	12,989	6,290	3,674	19,552	6,765	1,873	1,857
Number in 1900.....	5,673	14,709	2,068	9,169	.....	1,805	7,494	3,566	2,021	1,702
Native white—Native parentage.....	1,374	13,459	1,673	4,257	3,383	1,494	10,193	2,956	1,157	1,046
Number in 1900.....	1,681	6,639	1,021	5,468	.....	780	3,584	1,812	1,122	974
Native white—Foreign or mixed parentage.....	883	3,121	610	2,316	772	659	2,795	632	246	299
Number in 1900.....	916	1,711	307	1,410	.....	278	1,187	457	249	258
Native white—Foreign parentage.....	552	1,922	385	1,396	462	403	1,664	357	130	147
Native white—Mixed parentage.....	301	1,129	225	921	310	256	1,131	275	116	152
Foreign-born white.....	761	8,298	650	5,900	1,623	1,153	6,620	1,666	310	404
Number in 1900.....	857	4,070	489	3,823	.....	498	1,866	744	379	419
Negro.....	29	146	9	10	63	10	132	54	4	1
Indian, Chinese, Japanese, and all other.....	118	112	11	6	.....	6	75	27	6	1
PER CENT OF TOTAL.....	49.7	28.6	19.9	44.6	25.8	31.4	28.2	27.0	16.6	21.4
Native white—Native parentage.....	43.7	48.3	53.3	32.8	53.8	40.7	52.1	51.3	61.8	56.4
Native white—Foreign or mixed parentage.....	28.1	11.2	19.4	17.8	12.3	17.9	14.3	11.0	13.1	16.8
Foreign-born white.....	23.9	29.8	20.7	45.9	25.8	31.4	28.2	27.0	16.6	21.4
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	432	3,543	351	2,694	359	504	1,400	485	211	168
Having first papers.....	36	33	33	689	123	93	317	85	19	42
Alien.....	128	3,015	131	2,209	996	447	2,345	865	24	134
Unknown.....	150	917	135	368	145	109	1,398	131	56	40
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	116	1,363	145	671	832	407	1,149	737	113	106
Per cent illiterate.....	3.7	4.9	4.6	5.2	13.2	11.1	6.9	12.8	6.0	5.7
Per cent in 1900.....	6.6	7.6	6.2	6.4	.....	17.6	7.6	16.1	9.3	11.0
Native white, number illiterate.....	13	63	24	28	36	10	91	67	13	5
Per cent illiterate.....	0.8	0.4	1.1	0.4	0.9	0.5	0.7	1.9	0.9	0.4
Foreign-born white, number illiterate.....	67	919	60	373	599	180	810	490	11	21
Per cent illiterate.....	8.9	11.1	9.2	6.3	36.9	16.6	14.7	31.3	3.5	5.2
Negro, number illiterate.....	3	14	2	1	5	3	8	5	1	1
Per cent illiterate.....	3	9.5	.....	.....	.....	.....	6.1	.....	.....	.....
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	6,383	60,356	6,072	27,806	11,343	6,010	32,165	12,977	4,480	3,866
Number illiterate.....	187	2,832	184	1,218	1,331	892	1,561	1,196	242	230
Per cent illiterate.....	2.9	4.7	3.0	4.4	11.7	11.5	4.8	9.2	5.4	5.9
Native white, number.....	5,085	41,207	4,883	17,478	8,118	3,781	23,685	9,517	3,587	2,961
Number illiterate.....	22	132	34	61	84	17	189	139	17	8
Per cent illiterate.....	0.4	0.3	0.7	0.3	1.0	0.4	0.8	1.5	0.5	0.3
Foreign-born white, number.....	1,069	16,150	936	9,031	2,357	1,440	7,091	2,667	519	544
Number illiterate.....	96	2,057	73	635	851	228	995	837	23	28
Per cent illiterate.....	9.1	13.6	7.8	5.9	36.1	15.8	14.0	31.4	4.4	5.1
Negro, number.....	3	37	2	4	6	4	24	12	1	1
Number illiterate.....	3	37	2	4	6	4	24	12	1	1
Per cent illiterate.....	3	9.5	.....	.....	.....	.....	7.7	9.0	.....	.....
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	1,269	14,170	1,356	6,556	2,412	1,051	5,372	3,327	1,074	923
Number illiterate.....	129	258	17	110	216	71	163	116	22	26
Per cent illiterate.....	0.9	1.8	1.3	1.7	9.0	6.8	3.0	3.5	2.0	4.1
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	1,701	19,732	1,775	8,883	3,194	1,417	7,376	4,498	1,498	1,280
Number attending school.....	1,126	12,250	1,210	3,883	1,845	831	4,359	2,900	1,029	672
Per cent attending school.....	66.2	62.1	68.2	68.2	57.3	58.6	58.8	64.5	68.7	68.1
Number 6 to 9 years.....	432	5,662	419	2,297	782	366	2,003	1,171	424	357
Number attending school.....	327	3,721	320	1,779	597	272	1,611	884	301	269
Number 10 to 14 years.....	571	6,283	604	2,875	831	410	2,128	1,260	608	394
Number attending school.....	435	6,822	563	2,703	763	371	1,964	1,298	464	369
Number 15 to 17 years.....	338	3,705	357	1,680	591	238	1,216	890	311	245
Number attending school.....	208	2,141	256	1,048	364	164	682	557	219	155
Number 18 to 20 years.....	360	4,260	398	2,031	690	403	2,027	1,088	255	284
Number attending school.....	66	566	71	353	121	54	182	161	45	79
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	1,003	11,767	1,020	5,172	1,613	778	4,132	2,540	932	761
Number attending school.....	862	9,543	883	4,482	1,360	623	3,475	2,182	765	638
Per cent attending school.....	85.9	81.1	86.6	86.7	84.3	80.3	84.1	85.9	82.1	85.0
Native white—Native parentage, number.....	741	6,434	722	2,381	1,164	455	2,923	1,658	671	543
Number attending school.....	643	5,275	632	2,099	1,022	397	2,616	1,431	580	476
Per cent attending school.....	86.8	82.0	87.6	88.2	87.8	87.3	86.1	86.4	86.4	87.5
Native white—Foreign or mixed parentage, number.....	209	3,860	267	2,234	235	189	936	677	174	130
Number attending school.....	189	3,104	231	2,017	196	165	782	590	142	119
Per cent attending school.....	90.4	84.4	86.5	90.3	83.4	87.3	83.6	87.1	81.6	91.5
Foreign-born white, number.....	11	1,205	25	214	116	4	140	150	7	4
Number attending school.....	7	882	17	191	70	1	97	112	7	4
Per cent attending school.....	.....	81.5	.....	89.3	60.9	.....	69.3	74.7	.....	.....
Negro, number.....	2	88	1	6	2	2	45	40	1	1
Number attending school.....	2	65	.....	5	1	1	41	39	.....	.....
Per cent attending school.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
DWELLINGS AND FAMILIES										
Dwellings, number.....	2,127	16,799	1,502	7,773	3,755	1,704	7,387	3,736	1,504	1,174
Families, number.....	2,176	17,571	1,530	7,968	3,831	1,797	7,819	3,807	1,833	1,184

¹ Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Los Angeles. ¹	Madera. ¹	Marin.	Mariposa.	Mendo- cino.	Merced.	Modoc. ¹	Mono.	Mon- terey. ¹	Napa. ¹
POPULATION										
Total population, 1910.....	504,131	8,368	25,114	3,956	23,329	15,148	8,191	2,042	24,148	19,800
1900.....	170,298	6,364	15,702	4,720	20,465	9,215	5,076	2,107	19,280	16,461
1890.....	101,454	.....	13,072	3,787	17,612	3,086	4,986	2,002	18,637	16,411
1880.....	33,381	.....	11,324	4,339	12,800	5,650	4,339	7,409	11,302	13,235
1870.....	15,309	.....	6,903	4,572	7,545	2,807	.....	430	9,876	7,163
Increase, 1900-1910.....	333,833	2,004	9,412	3,464	5,933	5,933	1,116	125	4,766	3,349
Per cent of increase.....	193.9	31.5	59.9	-16.2	16.9	64.1	22.0	-6.8	24.6	20.4
Increase, 1890-1900.....	68,844	6,864	2,630	933	2,564	1,430	100	15	143	10
Per cent of increase.....	67.9	24.6	20.1	.....	12.8	14.0	1.8	8.2	4.0	0.2
Land area (square miles).....	4,067	2,112	529	1,463	3,453	1,995	3,823	3,030	3,530	783
Population per square mile, 1910.....	124.0	4.0	47.5	2.7	6.9	7.6	1.6	0.7	7.3	25.3
Rural population per square mile, 1910.....	22.7	4.0	31.4	2.7	6.9	6.0	1.6	0.7	4.7	17.9
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....	411,948	.....	8,485	.....	.....	3,102	.....	.....	8,659	5,791
Same places in 1900.....	128,869	.....	3,879	.....	.....	1,909	.....	.....	5,052	4,036
Per cent of increase, 1900-1910.....	219.7	.....	118.7	.....	.....	57.5	.....	.....	71.4	43.5
Rural, 1910—Remainder of county in 1910.....	92,183	8,368	16,629	3,956	23,329	12,046	6,191	2,042	15,487	14,009
Same territory in 1900.....	41,429	6,364	11,823	4,720	20,465	7,546	5,076	2,107	14,228	12,415
Per cent of increase, 1900-1910.....	122.5	31.5	40.6	-16.2	16.9	66.2	22.0	-5.8	8.1	12.8
Urban, 1900—Places of 2,500 or more in 1900.....	120,179	.....	3,879	.....	.....	.....	.....	.....	3,304	4,036
Rural, 1900—Remainder of county in 1900.....	50,119	6,364	11,823	4,720	20,465	9,215	5,076	2,107	16,076	12,415
Per cent in places of 2,500 or more, 1910.....	81.7	.....	33.8	.....	.....	20.9	.....	.....	35.9	23.2
Per cent in places of 2,500 or more, 1900.....	70.6	.....	24.7	.....	.....	.....	.....	.....	17.0	24.5
COLOR AND NATIVITY										
White.....	483,478	7,650	24,186	3,674	22,310	14,687	5,629	1,621	22,135	19,437
Number in 1900.....	163,975	5,664	14,939	4,410	18,833	8,780	4,660	1,656	17,707	16,857
Number in 1890.....	96,693	.....	11,958	5,388	16,636	7,262	.....	1,455	16,821	16,428
Negro.....	9,424	56	145	18	31	76	4	.....	107	49
Number in 1900.....	2,841	51	137	55	38	31	7	.....	80	23
Number in 1890.....	1,817	.....	85	69	35	18	5	.....	30	49
Black.....	6,462	50	100	.....	20	50	3	.....	74	36
Mulatto.....	2,962	6	45	18	11	25	1	.....	33	12
Ind., Chi., Jap., and all other (see Tables I and 17).....	11,229	662	783	264	1,588	376	558	421	1,904	315
Native white—Native parentage.....	285,865	4,172	8,560	1,989	11,523	6,531	4,451	723	11,664	8,879
Number in 1900.....	96,582	3,190	5,368	2,291	10,659	4,632	3,541	624	8,445	7,238
Native white—Foreign or mixed parentage.....	106,177	1,538	8,530	977	4,545	4,102	786	403	6,430	5,275
Number in 1900.....	39,748	1,368	5,755	1,319	4,188	2,282	786	600	6,795	4,463
Native white—Foreign parentage.....	64,307	825	5,420	536	3,113	2,824	323	229	3,734	3,341
Native white—Mixed parentage.....	44,870	713	3,110	441	1,732	1,278	463	174	2,686	1,934
Foreign-born white.....	38,436	1,940	7,048	708	5,942	4,084	362	495	4,051	5,283
Number in 1900.....	27,645	1,116	4,856	800	4,008	2,872	293	172	3,467	4,166
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	56.7	49.9	34.1	50.3	48.2	43.1	71.9	35.4	48.3	44.8
Per cent in 1900.....	66.7	60.1	37.9	48.5	52.0	59.8	69.8	28.8	48.6	44.0
Native white—Foreign or mixed parentage.....	21.7	18.4	34.2	24.7	20.2	27.1	12.7	19.7	26.6	26.6
Per cent in 1900.....	23.3	21.3	36.7	27.9	30.5	24.8	14.3	26.8	29.9	27.1
Foreign-born white.....	17.3	23.2	29.1	17.9	24.8	26.8	6.3	24.2	16.8	26.7
Per cent in 1900.....	16.2	17.5	30.9	16.9	19.7	19.7	5.8	17.9	17.9	25.3
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Atlantic Islands.....	32	1	182	21	17	301	.....	.....	19	3
Australia.....	283	6	78	7	24	2	.....	1	18	40
Austria.....	2,880	64	153	35	239	12	.....	3	130	103
Canada—French.....	806	6	4	4	21	4	.....	.....	11	30
Canada—Other.....	11,906	104	367	52	403	119	48	112	261	308
Denmark.....	1,551	27	151	20	150	176	15	10	416	90
England.....	11,881	108	628	98	239	153	52	48	389	430
Finland.....	306	10	38	1	1,222	4	.....	1	7	64
France.....	2,682	40	256	43	94	94	24	70	126	179
Germany.....	13,368	117	846	72	500	258	73	29	542	1,078
Greece.....	461	22	50	21	110	32	.....	.....	3	21
Hungary.....	929	.....	29	1	6	1	.....	.....	1	18
Ireland.....	5,542	96	726	51	332	165	48	32	388	723
Italy.....	4,565	518	1,287	110	1,414	1,104	11	68	301	1,017
Mexico.....	11,793	412	147	62	30	355	.....	5	66	28
Norway.....	1,368	25	86	6	163	33	16	2	40	68
Portugal.....	206	38	818	8	254	593	1	.....	368	223
Russia.....	5,193	11	60	.....	17	69	11	.....	1	50
Scotland.....	2,454	99	165	16	96	31	17	32	136	112
Spain.....	593	17	10	.....	35	16	.....	.....	16	19
Sweden.....	4,663	66	212	24	362	311	10	7	313	153
Switzerland.....	1,274	43	578	16	147	167	13	36	381	440
Turkey.....	589	20	11	.....	6	4	3	.....	5	8
Other foreign countries.....	2,751	52	106	24	62	45	3	5	77	84
NATIVE WHITE: Both parents born in—										
Austria.....	937	7	56	1	21	3	8	5	35	46
Canada—French.....	436	4	16	2	13	8	2	5	5	25
Canada—Other.....	2,787	28	116	5	126	53	24	41	81	65
Denmark.....	845	13	84	2	106	122	1	1	361	53
England.....	5,753	47	284	72	130	83	32	28	214	139
France.....	1,642	21	151	8	40	85	10	6	76	63
Germany.....	17,324	129	771	59	300	235	70	29	624	718
Ireland.....	6,816	.....	1,083	55	1,083	515	57	47	450	424
Italy.....	2,711	159	563	95	350	387	3	11	64	495
Norway.....	955	7	14	2	62	18	12	.....	18	31
Russia.....	2,624	3	23	1	16	11	.....	1	9	15
Scotland.....	1,436	31	79	9	47	16	7	4	84	50
Sweden.....	2,688	19	125	4	147	308	11	.....	97	41
Switzerland.....	1,406	7	404	6	76	6	.....	.....	414	332
All others of foreign parentage.....	16,565	213	1,712	194	1,390	1,029	73	56	1,202	788

¹ For changes in boundaries, etc., see page 617.² See Note 2 on page 617.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Los Angeles. ¹	Madera. ¹	Marin.	Mariposa.	Mendo-cino.	Merced.	Modoc. ¹	Mono.	Mon-terey. ¹	Napa. ¹
SEX										
Total.. Male.....	258,223	5,349	15,394	2,541	14,540	9,138	3,500	1,420	14,089	11,136
Female.....	245,308	3,019	9,720	1,415	9,389	6,106	2,691	622	10,047	6,664
White.. Male.....	234,511	4,881	14,539	2,385	13,660	8,755	3,207	1,198	12,417	10,830
Female.....	225,967	2,769	9,647	1,289	8,750	5,942	2,422	423	9,718	8,067
Negro.. Male.....	4,555	40	117	9	13	41	3		57	25
Female.....	4,869	16	28	9	18	34	1		50	23
MALES OF VOTING AGE										
Total number.....	178,583	3,689	10,725	1,807	9,813	6,975	2,184	1,115	8,761	8,121
Number in 1900.....	56,367	2,917	6,334	1,063	7,904	8,750	1,618	1,044	6,962	6,663
Native white—Native parentage.....	94,309	1,409	3,331	729	3,853	2,122	1,439	389	3,824	3,171
Number in 1900.....	28,326	1,203	1,666	816	3,608	1,666	1,038	284	2,863	2,529
Native white—Foreign or mixed parentage.....	29,519	540	2,524	452	1,240	939	325	185	1,958	1,432
Number in 1900.....	6,986	428	1,336	249	629	607	169	136	1,316	920
Native white—Foreign parentage.....	18,284	316	1,671	265	812	628	157	122	1,179	933
Native white—Mixed parentage.....	10,935	224	853	187	428	311	168	63	779	499
Foreign-born white.....	44,075	1,421	4,250	531	4,122	2,591	266	417	2,502	3,235
Number in 1900.....	14,065	831	2,517	379	2,809	1,332	165	359	2,119	2,516
Negro.....	3,415	22	99	8	10	28	3		38	23
Number in 1900.....	818	13	51	12	16	2			29	14
Indian, Chinese, Japanese, and all other.....	8,565	297	521	87	682	295	151	124	1,429	260
PER CENT OF TOTAL.										
Native white—Native parentage.....	52.5	38.2	31.1	40.3	38.9	35.6	65.9	34.9	39.2	39.0
Native white—Foreign or mixed parentage.....	16.4	14.6	23.5	25.0	12.5	15.7	14.9	16.6	20.1	17.6
Foreign-born white.....	24.5	35.5	39.6	29.4	41.6	43.4	12.2	37.4	28.7	39.5
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	20,571	451	1,778	243	1,477	898	153	226	1,357	1,574
Having first papers.....	101	111	366	41	385	30	30	30	208	184
Alien.....	13,759	758	1,673	154	1,693	1,359	60	131	613	834
Unknown.....	6,034	111	414	93	586	166	24	30	324	643
ILLITERATE										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	4,767	408	704	121	587	646	170	125	470	282
Per cent illiterate.....	2.6	11.1	6.6	6.7	5.9	10.8	7.8	11.2	4.8	3.5
Per cent in 1900.....	4.3	15.5	9.5	7.7	7.4	6.7	7.2	10.0	15.4	7.7
Native white, number illiterate.....	470	19	37	13	35	32	9	5	94	25
Per cent illiterate.....	0.4	1.0	0.6	1.1	0.7	1.0	0.5	0.9	1.6	0.5
Foreign-born white, number illiterate.....	3,632	307	536	74	316	557	36	36	221	198
Per cent illiterate.....	8.2	21.6	12.6	13.9	7.7	21.5	13.5	8.6	8.8	6.1
Negro, number illiterate.....	153		6			5			1	6
Per cent illiterate.....	4.9									
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	431,568	6,900	21,404	3,300	19,538	12,129	4,872	1,749	20,179	17,083
Number illiterate.....	9,639	639	1,107	231	946	1,004	352	238	824	496
Per cent illiterate.....	2.2	9.3	5.2	7.0	4.8	8.3	7.2	13.6	4.1	2.7
Native white, number.....	327,463	4,423	13,562	2,370	12,341	7,747	4,058	949	14,317	11,508
Number illiterate.....	1,251	38	65	29	57	67	20	6	209	62
Per cent illiterate.....	0.4	0.9	0.5	1.2	0.5	0.9	0.5	0.6	1.5	0.5
Foreign-born white, number.....	85,519	1,906	6,933	700	5,858	3,994	383	495	4,013	5,227
Number illiterate.....	7,230	405	873	112	444	863	41	38	386	328
Per cent illiterate.....	8.5	21.2	12.6	16.0	7.6	21.8	10.7	7.7	8.6	6.3
Negro, number.....	8,063	41	141	17	31	63	3		93	47
Number illiterate.....	523	1	11	2	2	9			10	6
Per cent illiterate.....	6.5		7.8							
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	85,408	1,568	4,534	669	4,376	2,977	1,284	291	4,312	3,217
Number illiterate.....	1,116	82	84	23	74	109	59	31	77	39
Per cent illiterate.....	1.3	5.2	1.9	3.4	1.7	3.7	4.6	10.7	1.8	1.2
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	112,888	2,089	6,872	914	6,040	4,112	1,843	412	8,883	4,331
Number attending school.....	75,574	1,251	3,964	545	3,587	2,667	1,362	212	3,652	2,867
Per cent attending school.....	66.9	59.9	66.4	59.6	59.6	64.9	73.4	51.5	62.7	66.2
Number 6 to 9 years.....	27,480	521	1,498	245	1,664	1,185	559	121	1,511	1,114
Number attending school.....	22,912	364	1,023	154	1,124	822	339	53	1,092	853
Number 10 to 14 years.....	35,351	626	2,084	291	1,949	1,285	610	130	1,731	1,458
Number attending school.....	33,070	582	2,005	263	1,736	1,220	568	101	1,694	1,388
Number 15 to 17 years.....	23,233	411	1,069	161	1,116	767	339	71	1,188	811
Number attending school.....	13,973	250	707	104	636	425	235	4	684	499
Number 18 to 20 years.....	26,824	531	1,311	217	1,311	925	335	90	1,323	868
Number attending school.....	5,619	55	229	27	167	130	120	17	183	127
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	62,831	1,147	3,522	536	3,613	2,420	1,169	251	3,302	2,572
Number attending school.....	55,982	946	3,028	417	2,794	2,112	967	154	2,796	2,241
Per cent attending school.....	89.1	82.5	86.0	77.8	77.3	87.3	82.7	61.4	84.4	87.1
Native white—Native parentage, number.....	39,443	738	1,501	378	2,134	1,194	906	75	1,935	1,371
Number attending school.....	35,257	630	1,249	308	1,588	1,042	781	56	1,609	1,174
Per cent attending school.....	89.4	85.4	83.2	81.5	74.4	87.3	86.2	83.2	83.2	85.6
Native white—Foreign or mixed parentage, number.....	17,877	255	1,777	111	1,124	1,056	64	64	1,250	1,083
Number attending school.....	16,089	221	1,569	88	930	927	93	61	1,096	973
Per cent attending school.....	90.0	86.7	88.3	79.3	82.7	87.5	88.6	87.7	87.7	89.4
Foreign-born white, number.....	4,049	46	187	3	133	147	10	2	54	105
Number attending school.....	3,342	36	163	1	102	126	8	2	45	88
Per cent attending school.....	82.5	78.2	87.2	33.3	76.7	85.7			83.3	83.8
Negro, number.....	1,207	8	12		2	11	1		12	2
Number attending school.....	1,115	5	11		1	11	1		12	2
Per cent attending school.....	92.4	62.5	91.7		11.1	11.1			12.2	22.2
DWELLINGS AND FAMILIES										
Dwellings, number.....	115,874	1,699	5,101	1,056	5,924	3,206	1,429	578	5,806	4,112
Families, number.....	127,362	1,707	5,232	1,061	5,977	3,256	1,445	594	5,898	4,272

¹ Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Nevada.	Orange. ¹	Placer.	Plumas.	River-side. ¹	Sacra-mento.	San Benito. ¹	San Bernar-dino. ¹	San Diego. ¹	San Fran-cisco.
POPULATION										
Total population, 1910.....	14,955	34,438	18,237	5,259	34,696	67,806	8,041	56,706	† 61,665	416, 012
1900.....	17,789	19,696	15,780	4,657	17,897	45,915	6,633	27,929	† 35,900	342, 782
1890.....	17,369	13,589	15,101	4,933	10,339	6,412	25,497	34,987	34,987	296, 997
1880.....	20,823	14,232	6,180	34,930	5,584	7,786	8,018	233, 959	8,018	233, 959
1870.....	19,134	11,537	4,489	29,830	3,988	3,988	4,931	149, 473	4,931	149, 473
Increase, 1900-1910.....	-2,834	14,740	2,451	602	16,799	21,891	1,408	28,777	† 26,575	74, 130
Per cent of increase.....	-15.9	74.8	15.5	12.9	93.9	47.7	21.2	103.0	† 75.7	21.6
Increase, 1890-1900.....	420	6,107	-278	17,664	1,458	6,833	1,335	2,431	† 2,431	6,922
Per cent of increase.....	2.4	44.9	4.5	-5.6	13.8	3.4	9.5	8.7	† 2.0	14.6
Land area (square miles).....	97.4	735	1,395	2,394	7,240	983	1,392	20,157	4,221	43
Population per square mile, 1910.....	15.4	43.3	13.1	2.0	4.8	69.0	5.8	14.6	14.6	9, 085.6
Rural population per square mile, 1910.....	8.0	25.7	11.2	2.0	2.2	23.5	5.8	1.3	5.2	.....
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....	7,209	13,977	2,608	.....	18,752	44,696	13,452	39,578	416, 012	.....
Same places in 1900.....	7,969	7,605	.....	.....	9,407	29,282	.....	12,654	17,700	342, 782
Per cent of increase, 1900-1910.....	-9.5	83.8	.....	.....	90.3	52.6	.....	143.0	123.6	21.6
Rural, 1910—Remainder of county in 1910.....	7,746	20,461	15,629	5,259	15,944	23,110	8,041	29,224	† 22,057	.....
Same territory in 1900.....	9,820	12,091	15,780	4,657	15,633	16,633	6,633	14,375	.....	.....
Per cent of increase, 1900-1910.....	-21.1	69.2	-1.0	12.9	87.8	38.9	21.2	68.4	( )	.....
Urban, 1900—Places of 2,500 or more in 1900.....	7,969	4,933	.....	.....	7,973	29,282	.....	10,947	17,700	342, 782
Rural, 1900—Remainder of county in 1900.....	9,820	14,763	15,780	4,657	9,924	16,633	6,633	16,952	† 17,390	.....
Per cent in places of 2,500 or more, 1910.....	48.2	69.6	14.3	.....	54.0	65.9	.....	55.5	.....	100.0
Per cent in places of 2,500 or more, 1900.....	44.8	25.0	.....	.....	44.5	63.8	.....	39.2	250.4	100.0
COLOR AND NATIVITY										
White.....	14,558	33,580	16,572	4,629	31,613	61,040	7,643	54,153	58,514	400, 014
Number in 1900.....	17,024	19,459	14,494	4,018	16,421	40,917	6,456	26,605	32,043	328, 373
Number in 1890.....	16,042	19,407	13,567	4,245	.....	35, 964	6,223	24, 101	33, 211	270, 696
Negro.....	14	97	55	5	518	631	26	642	684	1, 642
Number in 1900.....	70	97	35	3	264	511	57	216	409	1, 654
Number in 1890.....	110	16	35	7	315	618	57	315	376	1, 847
Black.....	9	68	43	1	284	400	17	506	457	881
Mulatto.....	5	29	12	4	234	231	9	136	227	761
Ind., Chi., Jap., and all other (see Tables 1 and 17).....	383	750	1,610	625	2,565	6,135	372	1,911	2,467	15,256
Native white—Native parentage.....	5,738	21,441	8,420	2,410	20,701	29,511	3,719	32,926	34,498	115, 359
Number in 1900.....	6,373	12,222	7,458	1,960	11,073	18,469	5,222	16,638	18,255	83, 568
Native white—Foreign or mixed parentage.....	5,354	7,772	4,425	1,167	5,684	18,498	2,357	10,546	12,915	153, 781
Number in 1900.....	6,387	4,562	4,459	1,191	3,023	18,911	2,016	6,892	7,748	187, 586
Native white—Foreign parentage.....	3,421	4,157	2,703	666	3,053	11,708	1,317	5,806	7,088	107, 283
Native white—Mixed parentage.....	1,933	3,015	1,722	501	2,631	6,790	1,040	4,740	5,827	46, 488
Foreign-born white.....	3,466	4,976	3,727	1,052	5,228	13,031	1,367	10,631	11,101	130, 574
Number in 1900.....	3,824	2,615	2,617	867	3,326	8,640	1,218	4,275	6,065	104, 284
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	38.4	62.3	46.2	45.8	59.7	43.5	46.3	58.1	55.9	27.7
Per cent in 1900.....	35.8	65.4	47.1	42.1	61.9	40.2	48.6	68.6	52.0	24.4
Native white—Foreign or mixed parentage.....	35.8	20.8	24.3	22.2	16.4	27.3	29.3	18.6	20.9	36.9
Per cent in 1900.....	38.4	22.1	28.1	26.6	16.9	30.3	30.4	20.4	22.1	31.4
Foreign-born white.....	23.4	14.4	20.4	20.4	16.4	23.4	16.4	18.4	18.4	30.4
Per cent in 1900.....	21.5	15.3	16.6	18.6	15.0	18.6	18.4	15.3	17.3	30.4
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Atlantic islands.....	1	.....	7	1	.....	124	47	3	6	136
Australia.....	23	10	15	1	12	71	7	33	42	1, 347
Austria.....	194	81	129	37	69	610	65	189	231	4, 641
Canada—French.....	35	24	25	21	23	24	55	47	37	45
Canada—Other.....	170	630	241	97	914	985	114	1,386	1,337	5, 657
Denmark.....	30	66	120	14	70	309	53	152	193	3, 118
England.....	1,232	489	399	70	599	1,411	89	993	1,621	9, 815
Finland.....	23	10	282	4	10	36	1	16	36	1, 846
France.....	52	215	51	38	174	196	82	180	272	6, 244
Germany.....	240	1,238	363	86	368	2,167	171	1,047	1,716	24, 137
Greece.....	4	6	204	86	80	180	1	11	88	2, 274
Hungary.....	8	4	19	1	28	61	7	48	39	1, 247
Ireland.....	332	135	349	64	200	1,432	134	469	667	23, 151
Italy.....	685	82	822	184	285	1,820	179	286	402	10, 918
Mexico.....	13	1,345	77	3	1,649	215	51	4,510	2,224	1, 763
Norway.....	49	49	55	7	42	167	7	84	200	3, 769
Portugal.....	41	5	200	10	14	932	210	80	93	570
Russia.....	19	101	48	2	34	187	6	119	243	4, 640
Scotland.....	64	80	101	22	182	299	14	247	371	3, 668
Spain.....	17	60	32	48	23	42	147	68	84	1, 170
Sweden.....	78	96	188	34	251	501	40	357	400	6, 969
Switzerland.....	76	110	91	165	101	573	112	136	208	2, 587
Turkey.....	1	1	13	11	14	26	1	23	28	722
Other foreign countries.....	70	128	97	46	106	287	25	189	349	3, 981
NATIVE WHITE: Both parents born in—										
Austria.....	33	39	35	2	13	130	10	71	88	1, 674
Canada—French.....	17	18	19	7	21	50	3	19	47	1, 227
Canada—Other.....	56	213	80	21	294	324	36	320	310	1, 685
Denmark.....	22	22	86	5	31	192	48	73	66	1, 125
England.....	1,354	296	292	62	314	1,064	51	584	727	4, 235
France.....	31	151	26	14	97	103	57	90	103	2, 687
Germany.....	316	1,573	481	114	546	2,882	155	1,301	1,301	24, 753
Ireland.....	90	188	96	25	217	206	35	351	31	263
Italy.....	185	49	130	85	76	311	69	69	140	10, 206
Norway.....	16	38	33	2	15	95	5	53	139	966
Russia.....	3	102	18	2	7	110	1	60	191	2, 155
Scotland.....	47	77	53	8	78	195	12	149	148	1, 572
Sweden.....	39	69	86	6	246	236	12	223	350	2, 767
Switzerland.....	39	64	34	102	72	359	88	62	98	1, 245
All others of foreign parentage.....	573	1,225	625	140	983	2,850	364	2,197	2,149	20, 704

¹ For changes in boundaries, etc., see page 617.

² For combined figures for Imperial and San Diego Counties, see Note 1 on page 617.

³ See Note 2 on page 617.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Nevada.	Orange. ¹	Placer.	Plumas.	River-side. ¹	Sacra-mento.	San Benito. ¹	San Ber-nardino. ¹	San Diego. ¹	San Francisco.
SEX										
Total... Male	8,625	18,067	11,594	3,449	19,089	40,213	4,821	31,555	33,003	236,901
Female	6,430	18,369	6,843	1,810	15,607	27,593	3,420	25,171	28,662	180,011
White... Male	8,198	17,368	10,176	3,023	17,120	34,443	4,283	29,586	30,916	222,829
Female	6,360	16,221	6,936	1,606	14,493	26,597	3,360	24,567	27,598	177,185
Negro... Male	11	45	40	2	242	379	13	368	356	1,025
Female	3	52	15	3	276	252	13	274	328	617
MALES OF VOTING AGE										
Total number	6,873	11,435	8,643	2,581	12,373	29,893	3,139	21,340	22,748	176,951
Number in 1900	7,101	6,213	6,755	2,099	6,885	19,087	2,218	10,001	11,613	129,985
Native white—Native parentage	1,643	6,208	2,929	946	6,576	10,392	1,170	10,942	11,622	41,619
Number in 1900	2,197	3,422	2,612	772	2,276	6,632	1,250	5,456	5,456	37,719
Native white—Foreign or mixed parentage	1,784	1,500	1,649	506	1,606	6,251	647	6,245	3,555	46,740
Number in 1900	1,909	909	1,410	373	763	4,028	408	1,564	1,668	53,579
Native white—Foreign parentage	1,308	1,119	1,114	317	943	4,220	393	1,692	3,360	33,960
Native white—Mixed parentage	476	381	535	189	663	2,031	254	1,253	1,193	12,780
Foreign-born white	2,152	2,690	2,706	836	2,915	8,098	1,018	5,798	5,993	75,768
Number in 1900	2,348	1,409	1,717	662	1,232	5,021	763	2,390	3,264	56,102
Negro	10	29	37	2	139	293	7	279	277	831
Number in 1900	21	16	16	2	67	802	12	78	123	619
Indian, Chinese, Japanese, and all other	284	608	1,212	291	1,137	4,653	297	1,376	1,296	10,988
PER CENT OF TOTAL										
Native white—Native parentage	28.0	54.8	34.3	36.7	53.1	35.0	37.3	51.3	51.1	23.7
Native white—Foreign or mixed parentage	30.4	15.9	19.3	19.6	13.0	21.1	20.6	13.8	15.6	26.6
Foreign-born white	36.6	23.7	31.7	32.4	23.6	27.3	24.2	27.2	26.4	43.1
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized	1,215	1,252	1,208	387	1,039	3,523	526	1,871	3,012	36,375
Having first papers	171	119	226	51	178	683	37	220	307	10,681
Alien	681	946	1,068	336	1,384	2,864	389	2,813	1,704	21,872
Unknown	85	373	204	62	314	1,028	66	894	970	6,840
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate	231	478	619	168	1,014	1,009	236	1,870	828	3,521
Per cent illiterate	3.9	4.2	7.3	6.5	8.2	3.4	7.5	9.2	3.6	2.0
Per cent in 1900	5.0	3.8	6.2	6.5	6.2	10.7	7.8	6.3	8.6	2.8
Native white, number illiterate	16	71	27	6	90	58	30	131	53	158
Per cent illiterate	0.5	0.9	0.6	0.4	1.1	0.3	1.7	0.9	0.3	0.2
Foreign-born white, number illiterate	163	359	394	38	686	422	118	1,529	471	2,683
Per cent illiterate	7.6	13.3	14.6	4.5	23.5	5.2	11.6	26.4	7.9	3.5
Negro, number illiterate	3	1	5		16	31		64	27	43
Per cent illiterate					11.5	10.4		22.9	9.7	5.2
PERSONS 10 YEARS OLD AND OVER.										
Total number	12,469	28,063	15,405	4,418	28,667	58,430	6,641	47,223	52,455	362,828
Number illiterate	418	938	877	245	1,450	1,529	372	2,441	1,858	7,487
Per cent illiterate	3.4	3.3	5.7	5.5	6.1	2.6	5.6	7.3	3.0	2.1
Native white, number	8,279	22,480	10,191	2,865	21,069	39,375	4,730	34,699	39,069	218,383
Number illiterate	69	219	75	3	199	72	284	144	437	1,377
Per cent illiterate	0.3	1.0	0.7	0.3	0.9	0.3	1.5	0.8	0.4	0.2
Foreign-born white, number	3,418	4,798	3,679	1,049	5,005	12,814	1,543	10,183	10,749	128,672
Number illiterate	302	527	547	43	1,091	199	199	2,646	801	3,567
Per cent illiterate	8.8	13.5	14.4	4.1	21.8	5.9	12.9	26.0	7.5	4.7
Negro, number	14	78	52	4	384	560	25	580	623	1,480
Number illiterate	5	6	6	1	39	49		105	59	76
Per cent illiterate					10.2	8.8		18.1	9.5	5.1
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number	2,675	7,006	2,952	830	6,926	11,026	1,529	10,122	10,893	65,557
Number illiterate	114	124	115	14	203	95	28	456	603	2,633
Per cent illiterate	1.5	1.8	3.9	1.7	2.9	0.9	1.8	4.5	1.7	0.9
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive	3,722	8,483	3,963	1,158	9,273	14,498	2,039	13,688	14,459	85,368
Number attending school	2,736	6,698	2,602	779	8,233	13,352	1,313	9,233	8,872	50,128
Per cent attending school	73.5	70.6	65.7	67.3	71.3	57.6	64.4	67.5	68.3	58.7
Number 6 to 9 years	1,047	2,477	1,031	328	2,347	3,472	510	3,585	3,566	19,811
Number attending school	899	2,009	796	265	1,870	2,452	368	2,970	2,895	15,805
Number 10 to 14 years	1,269	3,276	1,258	342	2,956	4,300	666	4,379	4,706	24,822
Number attending school	1,244	3,089	1,221	329	2,823	3,904	631	4,087	4,380	22,842
Number 15 to 17 years	734	1,911	734	231	1,959	2,701	407	2,808	2,808	15,422
Number attending school	474	1,164	445	143	1,380	1,541	241	1,597	1,866	8,778
Number 18 to 20 years	672	1,919	940	280	2,018	3,725	456	3,116	3,279	22,893
Number attending school	119	436	140	42	540	455	73	579	731	2,691
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number	2,316	5,753	2,289	670	5,303	7,772	1,176	7,944	8,272	44,633
Number attending school	2,143	5,098	2,017	594	4,693	6,356	999	7,057	7,275	38,659
Per cent attending school	92.5	88.6	88.1	88.7	88.5	81.8	84.9	88.8	87.9	86.6
Native white—Native parentage, number	1,377	3,915	1,490	386	3,393	4,655	671	5,252	4,920	17,005
Number attending school	1,269	3,530	1,340	347	3,059	3,831	576	4,788	4,426	14,660
Per cent attending school	92.2	89.9	89.9	89.4	89.2	82.3	85.3	91.3	90.0	86.2
Native white—Foreign or mixed parentage, number	838	1,568	671	158	1,101	2,514	457	1,891	2,491	23,419
Number attending school	785	1,372	586	145	973	2,058	393	1,673	2,225	20,609
Per cent attending school	93.7	87.5	87.3	91.8	88.4	81.9	86.0	88.5	89.3	88.0
Foreign-born white, number	82	248	70	4	293	328	38	636	485	3,324
Number attending school	75	191	53	3	170	273	25	466	368	84.6
Per cent attending school		77.0	12	4	64.6	83.2		73.3	75.9	81.6
Negro, number										
Number attending school										
Per cent attending school										
DWELLINGS AND FAMILIES										
Dwellings, number	3,781	8,504	4,284	1,353	8,286	13,522	2,063	13,914	15,886	65,025
Families, number	3,930	8,844	4,412	1,362	8,776	14,997	2,083	14,502	16,361	86,414

¹ Comparable figures not available; for combined figures, see Note 1 on page 617.

² Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	San Joaquin.	San Luis Obispo.	San Mateo.	Santa Barbara. ¹	Santa Clara.	Santa Cruz.	Shasta.	Sierra.	Siskiyou. ¹	Solano.
POPULATION										
Total population, 1910.....	50,731	19,383	26,585	27,733	83,539	26,140	19,920	4,089	18,501	27,599
1900.....	33,453	15,637	18,954	18,954	51,894	21,894	17,311	4,015	15,062	24,453
1890.....	28,629	16,072	10,087	15,754	48,005	19,270	12,133	5,051	12,163	20,946
1880.....	24,349	9,142	8,669	9,513	35,039	12,802	9,492	6,223	8,610	18,475
1870.....	21,050	4,772	6,635	7,784	20,246	8,743	4,173	5,619	6,848	16,871
Increase, 1900-1910.....	15,279	2,746	14,491	8,804	23,223	4,628	1,602	81	1,839	3,416
Per cent of increase.....	43.1	16.5	119.8	46.5	38.7	21.5	9.3	2.0	10.8	14.1
Increase, 1890-1900.....	6,853	965	2,007	3,180	12,211	2,242	5,185	-1,034	4,799	3,197
Per cent of increase.....	23.8	3.5	19.9	20.2	25.4	11.6	42.7	-20.5	39.5	15.3
Land area (square miles).....	1,448	3,334	447	2,740	1,328	455	3,858	92.3	6,256	822
Population per square mile, 1910.....	35.0	5.8	59.5	10.1	62.9	60.1	4.9	4.4	3.0	23.5
Rural population per square mile, 1910.....	17.1	4.3	49.7	6.9	34.5	24.2	4.0	4.4	3.0	19.7
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....	25,950	5,157	4,384	11,699	37,780	15,592	3,572	.....	.....	11,340
Same places in 1900.....	17,506	3,021	6,587	6,587	26,808	9,187	2,946	.....	.....	7,965
Per cent of increase, 1900-1910.....	48.2	70.7	133.3	77.0	40.9	69.7	21.2	.....	.....	42.4
Rural, 1910—Remainder of county in 1910.....	24,781	14,226	22,201	16,079	45,759	10,548	15,348	4,098	18,801	16,219
Same territory in 1900.....	17,946	15,616	10,262	12,347	33,408	12,325	14,372	4,017	16,062	16,178
Per cent of increase, 1900-1910.....	38.1	4.5	116.3	30.2	37.0	-14.5	6.8	.....	10.8	6.3
Urban, 1900—Places of 2,500 or more in 1900.....	17,506	3,021	6,587	6,587	25,150	9,187	2,946	.....	.....	10,716
Rural, 1900—Remainder of county in 1900.....	17,946	13,616	12,064	12,347	35,066	12,325	14,372	4,017	16,962	13,427
Per cent in places of 2,500 or more, 1910.....	61.2	26.6	16.5	42.0	46.2	69.6	18.9	.....	.....	41.1
Per cent in places of 2,500 or more, 1900.....	49.4	18.2	.....	34.8	41.8	45.7	17.0	.....	.....	44.1
COLOR AND NATIVITY										
White.....	46,339	18,693	25,821	26,282	79,849	25,159	17,873	3,910	17,413	25,432
Number in 1900.....	32,941	16,389	11,652	18,266	67,994	20,616	16,151	3,669	16,646	22,267
Number in 1900.....	26,888	16,180	9,572	15,069	44,247	18,594	10,875	4,541	10,185	19,290
Negro.....	307	77	67	108	262	83	159	.....	29	250
Number in 1900.....	522	77	89	33	251	81	209	7	58	101
Number in 1890.....	565	457	52	26	989	62	221	12	117	97
Black.....	198	5	45	63	175	37	61	.....	20	205
Mulatto.....	109	5	22	45	87	46	98	.....	9	45
Ind., Chi., Jap., and all other (see Tables 1 and 17).....	4,085	613	697	1,348	3,428	898	888	188	1,359	1,877
Native white—Native parentage.....	23,174	9,511	8,105	16,215	36,818	12,881	11,006	1,840	10,528	10,627
Number in 1900.....	16,961	8,431	5,029	10,890	27,514	10,368	10,425	1,488	10,289	9,054
Native white—Foreign or mixed parentage.....	13,239	5,618	9,200	5,594	24,707	6,724	3,493	1,096	3,623	8,823
Number in 1900.....	9,288	4,369	4,704	4,127	17,642	6,008	3,244	1,284	5,368	5,691
Native white—Foreign parentage.....	8,589	3,303	6,273	3,124	15,775	3,875	1,898	659	1,979	5,770
Native white—Mixed parentage.....	4,650	2,315	2,925	2,470	8,932	2,849	1,595	437	1,644	3,053
Foreign-born white.....	9,926	3,564	8,516	4,473	18,324	5,554	3,374	974	3,262	5,982
Number in 1900.....	6,702	2,959	3,919	5,239	12,978	4,148	2,462	897	2,061	4,222
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	45.7	49.1	30.5	58.5	44.1	49.3	58.2	44.9	56.0	38.6
Per cent in 1900.....	50.7	60.7	25.0	67.5	45.4	48.1	60.2	37.0	60.2	37.5
Native white—Foreign or mixed parentage.....	26.2	29.0	34.6	20.2	29.6	25.7	18.5	26.7	19.3	32.0
Per cent in 1900.....	36.2	30.0	38.9	21.8	29.8	27.9	18.7	35.0	19.8	35.1
Foreign-born white.....	19.6	18.4	32.0	16.1	21.9	21.2	17.8	23.8	17.1	21.7
Per cent in 1900.....	18.9	17.8	32.4	17.1	21.1	19.3	14.2	25.5	12.2	21.6
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Atlantic islands.....	52	6	157	141	575	144	5	.....	10	28
Australia.....	29	9	74	11	119	27	19	.....	23	64
Austria.....	279	73	178	52	798	572	206	60	47	98
Canada—French.....	87	4	38	16	116	28	24	.....	24	24
Canada—Other.....	660	194	390	403	1,882	491	230	.....	68	376
Denmark.....	239	167	162	112	388	185	51	.....	23	217
England.....	621	240	818	503	1,675	504	349	82	206	473
Finland.....	14	6	64	2	49	27	42	.....	3	15
France.....	25	6	358	164	730	82	52	.....	53	101
Germany.....	1,648	441	1,020	416	2,223	667	447	83	341	820
Greece.....	112	30	131	34	107	88	161	4	145	215
Hungary.....	22	1	53	13	48	21	13	.....	1	20
Ireland.....	988	249	1,035	291	1,491	364	221	58	194	934
Italy.....	2,434	232	1,912	696	4,328	1,229	682	291	1,215	641
Mexico.....	439	155	335	316	3,242	29	27	.....	2	57
Norway.....	2140	68	68	102	108	36	91	.....	10	52
Portugal.....	243	686	604	246	1,077	372	83	16	243	737
Russia.....	497	18	129	19	102	21	39	.....	3	27
Scotland.....	202	72	276	227	415	142	73	19	50	178
Spain.....	80	20	26	87	86	9	218	6	2	176
Sweden.....	335	194	393	105	890	137	120	41	173	218
Switzerland.....	323	650	317	431	565	205	63	.....	60	222
Turkey.....	2	36	2	17	36	25	6	.....	4	33
Other foreign countries.....	191	48	206	77	424	119	150	39	47	108
NATIVE WHITE: Both parents born in—										
Austria.....	55	16	46	14	357	190	53	12	26	31
Canada—French.....	13	5	13	7	73	35	9	.....	14	14
Canada—Other.....	221	46	118	89	418	138	68	18	75	150
Denmark.....	92	126	95	86	257	106	38	8	18	173
England.....	452	152	332	229	994	224	186	70	130	272
France.....	160	29	145	70	449	43	41	13	37	49
Germany.....	1,835	484	951	413	2,453	669	438	106	431	903
Ireland.....	1,360	279	1,266	337	2,069	341	139	239	1,541	931
Italy.....	1,572	67	900	237	2,626	482	83	89	154	337
Norway.....	80	20	62	59	79	18	64	6	19	74
Russia.....	612	9	63	15	45	4	7	.....	7	21
Scotland.....	130	45	119	144	240	77	42	.....	37	130
Sweden.....	152	164	141	44	654	61	48	9	68	125
Switzerland.....	147	706	227	315	316	147	16	24	24	167
All others of foreign parentage.....	1,626	1,150	1,807	1,065	4,805	1,241	456	143	605	1,733

¹ For changes in boundaries, etc., see page 617.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	San Joaquin.	San Luis Obispo.	San Mateo.	Santa Barbara. ¹	Santa Clara.	Santa Cruz.	Shasta.	Sierra.	Siskiyou. ¹	Solano.
SEX										
Total Male	30,052	10,997	15,224	15,211	43,804	14,050	11,749	2,655	11,758	16,628
Female	20,879	8,386	11,361	12,927	39,635	12,090	7,171	1,413	7,063	10,830
White—Male	26,121	10,379	14,544	13,926	40,959	13,317	11,151	2,532	10,965	14,734
Female	20,218	8,314	11,277	12,356	38,890	11,842	6,722	1,378	6,448	10,698
Negro—Male	164	48	35	53	121	52	92	.....	20	140
Female	143	29	34	55	141	31	67	.....	9	110
MALES OF VOTING AGE										
Total number	21,714	6,951	10,153	10,141	29,134	9,254	8,309	2,024	8,141	11,980
Number in 1900	14,221	5,295	4,680	6,841	20,295	7,212	7,414	1,910	7,391	9,992
Native white—Native parentage	7,995	2,844	2,323	4,962	10,811	3,665	3,694	609	3,939	3,765
Number in 1900	6,697	2,362	1,980	3,399	7,670	2,975	3,014	583	3,701	3,030
Native white—Foreign or mixed parentage	3,952	1,373	2,212	1,430	5,804	1,676	1,477	471	1,421	2,756
Number in 1900	2,393	946	919	1,062	3,926	1,316	1,213	445	1,242	2,227
Native white—Mixed parentage	2,690	841	1,628	769	3,869	1,020	801	321	876	1,552
Foreign-born white	1,262	532	584	661	1,935	656	546	157	545	804
Negro	6,187	2,204	5,012	2,568	9,942	3,309	2,552	732	2,312	3,778
Number in 1900	4,066	1,835	2,404	2,009	6,784	2,280	1,867	688	1,562	3,236
Negro	1,068	33	17	39	96	31	71	.....	18	113
Number in 1900	94	24	19	42	85	25	25	.....	15	140
Indian, Chinese, Japanese, and all other	3,472	527	589	1,142	2,421	573	335	146	451	1,568
PER CENT OF TOTAL										
Native white—Native parentage	36.8	40.5	22.9	48.9	37.1	39.6	47.3	33.1	48.4	31.4
Native white—Foreign or mixed parentage	18.2	19.8	21.8	14.1	20.1	18.1	16.9	23.6	17.5	23.0
Foreign-born white	28.5	31.7	49.4	25.3	34.1	35.8	30.8	36.2	28.4	31.5
CITIZENSHIP OF FOREIGN-BORN WHITE										
Naturalized	2,587	1,281	2,074	1,103	4,842	1,510	1,083	340	864	2,050
Having first papers	383	119	475	150	692	180	241	57	167	219
Alien	1,903	611	2,148	949	3,219	1,257	1,102	310	1,061	1,262
Unknown	1,314	198	315	366	1,189	332	136	25	220	247
ILLITERACY										
ILLITERATE MALES OF VOTING AGE										
Total number illiterate	1,066	350	1,108	666	1,671	618	770	122	412	920
Per cent illiterate	4.9	5.0	10.9	6.6	5.7	6.7	9.3	6.0	5.1	7.7
Per cent in 1900	6.1	7.7	11.7	7.5	8.7	8.1	4.7	12.8	6.7	4.7
Native white, number illiterate	107	65	24	180	110	60	32	7	22	24
Per cent illiterate	0.9	1.6	0.5	2.8	0.7	1.1	0.6	0.6	0.4	0.4
Foreign-born white, number illiterate	570	215	941	303	1,236	474	513	44	224	623
Per cent illiterate	7.2	9.8	18.8	11.8	12.4	14.3	21.6	6.0	9.7	16.5
Negro, number illiterate	7	4	.....	.....	.....	3	.....	.....	.....	4
Per cent illiterate	6.5	.....	.....	.....	.....	.....	.....	.....	.....	3.5
PERSONS 10 YEARS OLD AND OVER										
Total number	43,465	15,694	21,464	22,888	70,026	21,775	15,640	3,453	15,418	23,468
Number illiterate	1,612	626	1,684	1,094	3,073	891	1,132	156	744	1,328
Per cent illiterate	3.7	4.0	7.8	4.8	4.4	4.6	7.2	4.5	4.8	5.7
Native white, number	20,514	11,528	12,432	17,140	48,801	15,510	11,465	2,307	11,177	15,498
Number illiterate	228	163	59	306	297	119	72	9	46	70
Per cent illiterate	0.8	1.4	0.5	2.3	0.6	0.8	0.6	0.4	0.4	0.5
Foreign-born white, number	9,769	3,511	8,297	4,371	17,915	5,440	3,312	968	3,133	5,923
Number illiterate	1,262	399	484	672	2,333	672	752	157	353	534
Per cent illiterate	9.7	10.5	17.7	11.1	13.0	13.8	20.3	5.9	10.5	15.8
Negro, number	262	64	59	90	230	71	140	.....	29	229
Number illiterate	19	14	1	4	13	3	8	.....	3	13
Per cent illiterate	7.3	.....	.....	.....	5.7	.....	5.7	.....	.....	5.7
PERSONS 10 TO 20 YEARS, INCLUSIVE										
Total number	8,739	4,104	4,530	5,039	15,643	4,879	3,297	622	3,333	4,806
Number illiterate	94	61	132	67	185	61	107	5	90	69
Per cent illiterate	1.1	1.5	3.4	1.3	1.2	1.3	3.2	0.8	2.7	1.4
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive	11,493	5,542	6,384	6,794	20,815	8,674	4,522	878	4,546	6,409
Number attending school	7,154	3,697	4,261	4,578	14,138	4,564	3,065	620	2,889	4,320
Per cent attending school	62.2	66.7	66.7	67.4	67.9	68.4	67.8	70.6	63.1	67.4
Number 6 to 9 years	2,754	1,438	1,854	1,755	5,172	1,705	1,225	256	1,213	1,603
Number attending school	2,056	1,138	1,488	1,413	3,810	1,370	942	217	904	1,350
Number 10 to 14 years	3,638	1,812	2,240	2,240	6,643	2,275	1,458	278	1,364	2,047
Number attending school	3,386	1,717	1,919	2,091	6,355	2,178	1,374	269	1,288	1,965
Number 15 to 17 years	2,404	1,131	1,185	1,364	4,480	1,360	835	140	844	1,244
Number attending school	1,296	661	670	803	2,825	801	571	100	544	754
Number 18 to 20 years	2,697	1,161	1,302	1,435	4,520	1,298	1,026	195	1,125	1,515
Number attending school	376	181	184	271	1,148	209	178	34	133	221
PERSONS 6 TO 14 YEARS, INCLUSIVE										
Total number	6,392	3,260	3,897	3,995	11,815	4,070	2,683	534	2,577	3,650
Number attending school	5,482	2,855	3,407	3,504	10,165	3,554	2,316	486	2,192	3,315
Per cent attending school	85.8	87.8	87.4	87.7	86.0	87.3	86.3	91.0	85.1	90.8
Native white—Native parentage, number	3,636	1,865	1,660	2,773	5,910	2,481	1,921	363	1,735	1,839
Number attending school	3,121	1,621	1,462	2,438	5,097	2,177	1,682	336	1,513	1,671
Per cent attending school	85.5	86.9	88.1	87.9	86.2	87.7	87.6	92.6	87.2	90.3
Native white—Foreign or mixed parentage, number	2,383	1,291	1,910	1,052	5,054	1,378	521	150	490	1,646
Number attending school	2,087	1,153	1,685	935	4,374	1,196	472	134	439	1,508
Per cent attending school	87.6	89.3	88.2	88.9	86.5	86.8	90.6	89.3	89.6	91.6
Foreign-born white, number	251	70	303	136	670	159	83	12	94	101
Number attending school	200	59	243	107	570	144	70	12	86	89
Per cent attending school	83.3	.....	80.2	78.7	85.1	90.6	.....	.....	.....	88.1
Negro, number	34	13	11	10	23	13	24	.....	1	21
Number attending school	34	13	11	10	23	13	24	.....	1	21
Per cent attending school	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
DWELLINGS AND FAMILIES										
Dwellings, number	10,616	4,408	5,926	6,677	19,810	6,826	4,212	1,002	4,425	6,037
Families, number	11,259	4,498	6,020	6,866	20,798	6,997	4,323	1,016	4,504	6,314

¹Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Sonoma.	Stanislaus.	Sutter.	Tehama.	Trinity.	Tulare. ¹	Tuolumne.	Ventura. ¹	Yolo.	Yuba.
POPULATION										
Total population, 1910.....	48,394	22,522	6,328	11,401	3,301	35,440	9,979	18,347	13,926	10,042
1900.....	38,380	9,550	5,469	10,468	4,283	18,755	11,166	14,367	15,618	8,620
1890.....	30,721	10,040	5,169	9,916	3,719	23,674	6,082	10,671	12,684	9,636
1880.....	25,926	8,751	5,469	9,301	4,999	11,281	7,848	5,073	11,772	11,284
1870.....	19,819	6,499	5,030	3,587	3,213	4,533	8,150	.....	9,899	10,861
Increase, 1900-1910.....	9,914	12,972	442	405	-1,082	17,065	-1,187	3,980	308	1,422
Per cent of increase.....	25.8	135.5	7.5	3.7	-24.7	92.9	-10.6	27.7	2.3	16.5
Increase, 1890-1900.....	5,759	-490	417	1,080	664	2-6,342	5,084	4,296	934	-1,016
Per cent of increase.....	17.6	-4.9	7.6	10.9	17.9	2-25.8	83.6	43.7	7.4	-10.5
Land area (square miles).....	1,577	1,450	608	2,893	3,166	4,856	2,190	1,878	1,014	639
Population per square mile, 1910.....	30.7	15.5	10.4	3.9	1.0	7.3	4.6	9.8	13.7	15.7
Rural population per square mile, 1910.....	22.0	12.8	10.4	2.7	1.0	5.2	4.6	6.8	10.6	7.2
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....	13,697	4,034	.....	3,530	.....	10,004	.....	5,500	3,187	5,430
Same places in 1900.....	10,544	2,024	.....	2,750	.....	5,301	.....	2,470	2,886	3,497
Per cent of increase, 1900-1910.....	29.9	93.3	.....	28.4	.....	88.7	.....	122.7	10.4	55.3
Rural, 1910—Remainder of county in 1910.....	34,697	18,488	6,328	7,871	3,301	25,436	9,979	12,847	10,739	4,612
Same territory in 1900.....	27,936	7,526	5,856	8,246	4,383	13,074	11,166	11,897	10,732	5,123
Per cent of increase, 1900-1910.....	24.2	145.7	7.5	-4.5	-24.7	94.6	-10.6	8.0	0.1	-10.0
Urban, 1900—Places of 2,500 or more in 1900.....	10,544	2,024	.....	2,750	.....	3,085	.....	2,470	2,886	3,497
Rural, 1900—Remainder of county in 1900.....	27,936	9,550	5,856	8,246	4,383	15,200	11,166	14,367	10,732	6,123
Per cent in places of 2,500 or more, 1910.....	28.3	17.9	.....	31.0	.....	28.2	.....	30.0	22.9	54.1
Per cent in places of 2,500 or more, 1900.....	27.4	.....	.....	25.0	.....	16.8	.....	.....	21.2	40.6
COLOR AND NATIVITY										
White.....	47,167	22,129	6,012	10,909	2,903	34,159	9,698	17,132	12,618	8,909
Number in 1900.....	37,385	9,253	6,451	9,878	3,803	17,709	10,804	15,829	12,662	7,651
Number in 1890.....	31,160	9,546	6,094	8,671	2,945	23,233	6,559	9,418	11,912	8,416
Negro.....	43	89	10	91	8	190	14	64	280	203
Number in 1900.....	32	61	34	147	9	53	53	54	112	170
Number in 1890.....	45	61	47	252	27	207	62	110	122	218
Black.....	28	62	9	52	3	99	12	48	136	184
Mulatto.....	15	27	1	39	5	91	2	16	144	19
Ind., Chi., Jap., and all other (see Tables I and 17).....	1,184	304	306	501	390	1,091	267	1,151	1,028	930
Native white—Native parentage.....	22,876	13,266	4,052	7,366	1,788	24,621	4,262	10,350	7,575	5,288
Number in 1900.....	19,533	5,577	5,637	6,685	2,168	15,327	4,638	8,619	7,618	4,378
Native white—Foreign or mixed parentage.....	10,886	5,029	1,274	2,073	700	5,539	3,149	3,714	3,159	2,305
Number in 1900.....	10,511	2,193	1,227	2,638	976	4,287	5,790	5,225	3,874	2,214
Native white—Foreign parentage.....	9,081	3,119	722	1,109	373	3,220	1,984	2,075	1,670	1,372
Native white—Mixed parentage.....	4,805	1,910	552	969	327	2,369	1,165	1,639	1,289	933
Foreign-born white.....	10,405	3,834	686	1,345	415	3,949	2,287	1,668	1,884	1,316
Number in 1900.....	7,641	1,453	587	1,169	659	1,565	2,576	1,982	1,870	1,059
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	47.3	58.9	64.0	64.8	54.2	69.5	42.7	56.4	54.4	52.7
Per cent in 1900.....	50.8	68.4	61.8	60.8	49.5	72.5	41.5	60.0	65.2	50.8
Native white—Foreign or mixed parentage.....	22.8	22.7	20.8	18.5	22.5	15.4	35.9	22.4	24.0	25.7
Per cent in 1900.....	26.8	23.0	20.8	18.5	22.5	15.4	35.9	22.4	24.0	25.7
Foreign-born white.....	21.5	17.0	10.8	11.8	12.1	11.1	22.9	16.7	13.5	13.1
Per cent in 1900.....	19.6	15.2	10.0	10.5	15.0	8.5	21.3	15.8	15.7	12.3
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Atlantic islands.....	87	69	.....	12	1	.....	14	9	4	1
Australia.....	12	.....	.....	12	.....	.....	5	.....	.....	.....
Austria.....	122	35	7	32	20	117	164	31	22	19
Canada—French.....	54	17	9	27	3	49	34	17	7	14
Canada—Other.....	723	311	55	167	55	436	132	239	149	89
Denmark.....	327	231	15	19	18	71	33	37	22	18
England.....	699	232	71	133	38	253	302	216	178	125
Finland.....	72	2	3	7	31	31	12	8	2	8
France.....	329	66	24	29	19	72	46	106	10	46
Germany.....	1,969	497	172	258	90	540	215	355	528	263
Greece.....	68	13	23	40	1	17	1	62	66	250
Hungary.....	23	9	4	11	.....	13	4	4	4	5
Ireland.....	323	153	53	158	46	125	166	142	210	205
Italy.....	2,715	292	9	26	23	303	566	138	140	35
Mexico.....	41	180	7	21	5	560	107	1,161	24	21
Norway.....	144	128	45	28	34	28	34	29	23	13
Portugal.....	346	518	55	77	19	303	84	96	163	58
Russia.....	67	10	4	2	2	216	9	14	47	11
Scotland.....	208	74	21	52	9	98	58	86	49	42
Spain.....	27	31	3	21	.....	11	52	58	22	33
Sweden.....	353	666	40	58	23	279	108	45	50	34
Switzerland.....	920	190	78	31	10	100	32	64	102	32
Turkey.....	39	13	1	7	.....	2	236	2	5	1
Other foreign countries.....	208	79	16	108	16	74	84	109	62	40
NATIVE WHITE: Both parents born in—										
Austria.....	57	28	5	13	6	95	37	9	19	14
Canada—French.....	23	12	2	11	.....	2	.....	.....	.....	.....
Canada—Other.....	191	96	19	51	7	154	23	88	44	26
Denmark.....	249	115	8	7	9	38	20	19	14	2
England.....	408	198	74	101	28	180	281	111	98	128
France.....	154	39	11	7	10	61	42	57	13	21
Germany.....	2,042	559	284	282	99	795	243	404	723	326
Ireland.....	1,117	258	101	187	81	234	374	198	252	442
Italy.....	1,533	118	2	13	3	127	333	56	65	16
Norway.....	94	86	7	26	6	21	11	11	9	9
Russia.....	33	7	.....	.....	.....	.....	.....	.....	.....	.....
Scotland.....	146	54	20	37	4	259	4	20	19	6
Sweden.....	189	690	27	45	27	40	26	54	36	32
Switzerland.....	749	67	26	6	1	46	20	50	39	10
All others of foreign parentage.....	2,068	800	136	318	115	868	484	963	505	318

¹ For changes in boundaries, etc., see page 617.² See Note 2 on page 617.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Sonoma.	Stanislaus.	Sutter.	Tehama.	Trinity.	Tulare. ¹	Tuolumne.	Ventura. ¹	Yolo.	Yuba.
SEX										
Total Male	28,113	12,820	3,710	6,583	2,166	19,817	6,093	10,620	8,162	6,433
Female	22,281	9,702	2,618	4,818	1,135	15,823	3,866	7,727	5,764	3,609
White Male	25,190	12,508	3,434	6,111	1,898	18,789	5,906	9,499	7,061	5,479
Female	21,977	9,621	2,578	4,698	1,005	15,370	3,792	7,633	5,557	3,430
Negro Male	25	53	4	40	5	118	13	32	188	103
Female	18	36	6	51	3	72	1	32	92	100
MALES OF VOTING AGE										
Total number	16,770	8,274	2,471	4,456	1,696	12,233	4,341	6,905	5,787	4,859
Number in 1900	13,051	3,651	2,362	4,325	2,293	6,194	5,022	4,979	5,514	3,500
Native white—Native parentage	6,741	4,229	1,276	2,485	758	7,953	1,448	3,130	2,546	2,021
Number in 1900	5,716	1,855	1,183	2,160	974	3,966	1,822	2,519	2,455	1,362
Native white—Foreign or mixed parentage	3,310	1,424	467	718	330	1,470	1,171	982	1,083	1,044
Number in 1900	2,149	665	444	583	411	1,238	794	796	797	691
Native white—Foreign parentage	2,248	903	229	439	202	889	824	555	524	667
Native white—Mixed parentage	1,062	521	173	279	128	581	347	427	359	333
Foreign-born white	5,967	2,365	480	853	328	2,324	1,986	1,750	1,212	961
Number in 1900	4,578	915	391	703	529	898	1,698	1,208	1,183	669
Negro	15	34	4	28	3	81	11	20	134	78
Number in 1900	11	26	1	16	1	21	1	6	68	55
Indian, Chinese, Japanese, and all other	737	222	244	372	187	795	125	1,023	812	755
PER CENT OF TOTAL										
Native white—Native parentage	40.2	51.1	51.6	55.8	47.2	61.8	33.4	45.3	44.0	41.6
Native white—Foreign or mixed parentage	19.7	17.2	18.9	10.1	20.5	12.0	27.0	14.2	18.7	21.5
Foreign-born white	35.6	28.6	19.4	19.1	20.4	19.0	38.5	25.3	20.9	19.8
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized	3,000	1,070	273	515	221	938	827	642	713	439
Having first papers	305	182	29	34	33	188	142	60	102	56
Alien	1,700	661	137	188	41	788	527	769	293	326
Unknown	962	452	41	116	33	410	90	279	104	140
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate	875	327	237	198	152	511	302	573	163	577
Per cent illiterate	5.2	4.0	9.6	4.4	9.5	4.2	7.0	8.3	2.8	11.9
Per cent in 1900	3.9	4.0	9.5	3.4	9.0	4.4	6.0	9.3	7.6	2.9
Native white, number illiterate	206	21	14	28	5	54	22	94	19	16
Per cent illiterate	2.0	0.4	0.8	0.9	0.5	0.6	0.8	2.3	0.5	0.5
Foreign-born white, number illiterate	497	267	63	41	36	281	198	379	76	153
Per cent illiterate	8.3	11.3	13.1	4.8	11.0	12.1	12.5	21.7	6.3	16.4
Negro, number illiterate	2	2	1	3	1	13	1	1	33	5
Per cent illiterate									24.6	
PERSONS 10 YEARS OLD AND OVER.										
Total number	39,981	18,275	5,233	9,524	2,743	28,263	8,309	14,947	11,835	8,688
Number illiterate	1,737	482	296	295	206	851	467	1,035	233	692
Per cent illiterate	4.3	2.6	5.7	3.1	7.5	3.0	5.6	6.9	2.0	8.0
Native white, number	28,730	14,175	4,254	7,657	2,012	23,313	5,805	10,807	8,794	6,324
Number illiterate	568	37	26	38	14	104	36	230	38	32
Per cent illiterate	2.0	0.3	0.6	0.5	0.7	0.4	0.6	2.1	0.4	0.5
Foreign-born white, number	10,185	3,748	683	1,324	410	3,869	2,204	2,970	1,852	1,344
Number illiterate	574	306	91	86	48	291	197	604	107	206
Per cent illiterate	8.6	10.6	13.3	6.5	11.7	12.9	12.9	23.4	5.8	15.7
Negro, number	41	74	10	76	6	161	14	52	240	176
Number illiterate	3	3	3	5	1	28	2	3	39	6
Per cent illiterate						17.4			16.3	3.4
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number	9,733	4,569	1,228	2,276	521	7,418	1,693	3,649	2,607	1,552
Number illiterate	319	43	16	21	11	107	43	125	16	85
Per cent illiterate	3.2	0.9	1.3	0.9	2.1	1.4	2.5	3.4	0.6	3.0
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive	13,112	6,218	1,671	3,112	749	10,146	2,343	4,943	3,417	2,047
Number attending school	8,198	4,153	1,159	2,301	467	6,949	1,535	3,240	2,291	1,256
Per cent attending school	62.5	66.8	69.4	73.9	65.0	68.5	65.5	65.5	67.0	61.4
Number 6 to 9 years	3,379	1,649	446	836	228	2,728	650	1,294	810	495
Number attending school	2,293	1,132	340	700	146	2,107	522	1,020	624	322
Number 10 to 14 years	4,306	2,079	562	1,077	239	3,317	726	1,581	1,144	596
Number attending school	3,925	1,951	539	1,032	218	3,142	675	1,465	1,045	551
Number 15 to 17 years	2,714	1,222	316	622	141	2,013	431	911	645	435
Number attending school	1,577	802	219	435	94	1,338	276	569	439	288
Number 18 to 20 years	2,713	1,268	347	577	141	2,088	536	1,097	768	521
Number attending school	493	298	61	134	29	362	62	186	157	85
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number	7,685	3,728	1,008	1,913	467	6,045	1,376	2,875	1,954	1,094
Number attending school	6,218	3,083	879	1,732	364	5,249	1,197	2,485	1,704	885
Per cent attending school	80.9	82.7	87.2	90.5	77.9	86.8	87.0	86.4	87.2	80.9
Native white—Native parentage, number	4,041	2,529	800	1,446	313	4,515	844	1,923	1,291	823
Number attending school	3,323	2,109	694	1,308	255	3,942	738	1,705	1,122	669
Per cent attending school	82.2	83.4	86.8	90.5	81.5	87.3	87.4	88.7	87.7	81.3
Native white—Foreign or mixed parentage, number	3,189	1,057	191	379	81	1,253	469	760	566	213
Number attending school	2,577	867	173	350	64	1,109	413	646	506	194
Per cent attending school	80.8	82.0	90.6	92.3		88.5	88.1	85.0	89.4	86.4
Foreign-born white, number	357	110	4	38	8	193	27	167	44	5
Number attending school	276	84	3	23	6	147	21	116	37	2
Per cent attending school	77.3	76.4		23	2	76.2		69.5		
Negro, number	4	12	2	23	2	15		8	34	18
Number attending school	3		2	2	1			10	27	16
Per cent attending school										
DWELLINGS AND FAMILIES										
Dwellings, number	11,949	5,012	1,472	2,605	878	8,225	2,499	4,264	3,242	1,988
Families, number	12,114	5,326	1,491	2,697	882	8,431	2,554	4,323	3,309	2,093

¹ Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE II.—COMPOSITION AND CHARACTERISTICS OF THE

[Per cent not shown where base is less than 100.]

SUBJECT.	TOTAL CITIES NAMED.	Berkeley. ¹	Los Angeles. ¹	Oakland. ¹	Pasadena. ¹	Sacramento.	San Diego.	San Francisco.	San Jose.
POPULATION									
Total population, 1910	1,070,229	40,494	319,158	150,174	30,291	44,686	39,578	416,912	26,946
1900	603,034	13,214	102,479	66,960	9,117	29,282	17,760	342,782	21,560
1890	408,662	5,101	50,395	48,682	4,882	26,386	16,159	298,997	18,060
1880	316,321	.....	11,183	34,555	.....	21,420	2,637	233,959	12,567
1870	193,373	.....	5,728	10,500	.....	16,283	2,300	149,473	9,089
Increase, 1900-1910	467,195	27,220	216,719	83,214	21,174	15,414	21,878	74,130	7,446
Per cent of increase	77.3	206.0	211.5	124.3	232.2	52.6	123.5	21.6	34.1
Increase, 1890-1900	134,372	8,113	52,084	18,278	4,255	2,896	1,541	43,785	3,440
Per cent of increase	28.7	159.0	103.4	37.5	86.7	11.0	9.4	14.6	19.0
COLOR AND NATIVITY									
White	1,023,684	38,995	305,307	141,956	29,190	41,705	38,465	400,014	28,052
Number in 1900	575,240	15,968	93,682	64,788	8,781	27,478	17,077	325,378	20,690
Number in 1890	430,456	4,968	47,368	46,853	4,733	24,501	16,081	270,639	16,759
Negro	14,552	247	7,599	3,055	744	486	597	1,642	182
Number in 1900	6,619	66	2,731	1,029	218	402	373	7,653	209
Number in 1890	4,769	11	1,828	844	75	270	224	1,407	143
Black	8,795	89	5,101	1,434	499	270	398	881	123
Mulatto	5,757	158	2,498	1,621	245	216	199	761	59
Indian	170	2	81	20	2	6	8	46	5
Chinese	18,459	451	1,954	3,609	102	1,054	348	10,582	359
Japanese	13,180	710	4,238	1,520	253	1,437	159	4,518	345
All other	184	29	19	14	.....	8	1	110	3
Native white—Native parentage	434,574	19,479	169,967	55,198	19,026	19,821	22,550	115,359	13,174
Number in 1900	205,311	6,268	54,060	24,760	6,992	12,342	9,579	85,558	6,924
Native white—Foreign or mixed parentage	336,812	11,803	74,756	49,336	5,867	12,999	8,549	153,751	9,061
Number in 1900	214,365	4,642	28,405	23,776	4,721	11,619	4,466	67,221	6,137
Native white—Foreign parentage	214,925	7,120	45,715	32,949	3,150	8,338	4,743	107,293	5,617
Native white—Mixed parentage	111,887	4,743	29,041	16,987	2,717	4,661	3,806	46,458	3,444
Foreign-born white	302,998	7,653	60,884	36,822	7,142	8,885	7,366	100,574	5,217
Number in 1900	165,564	3,061	17,947	16,223	1,170	6,418	5,471	104,292	4,045
PER CENT OF TOTAL POPULATION.									
Native white—Native parentage	40.6	48.2	53.2	36.8	62.8	44.3	57.0	27.7	45.5
Per cent in 1900	34.0	39.9	52.3	37.0	65.7	42.1	63.0	24.4	46.2
Native white—Foreign or mixed parentage	30.5	29.3	23.4	33.3	19.4	29.1	21.6	36.9	31.3
Per cent in 1900	55.5	55.1	25.5	35.5	17.8	53.2	25.9	40.1	51.3
Foreign-born white	24.5	18.9	19.0	24.5	14.2	19.9	18.6	31.4	20.1
Per cent in 1900	25.8	33.2	17.5	24.2	12.6	18.5	19.9	30.4	18.8
SEX									
Total—Male	571,451	19,518	162,689	78,222	13,684	25,332	20,726	236,901	14,389
Female	498,778	20,916	156,529	71,952	16,607	19,364	18,852	180,011	14,547
White—Male	536,815	18,450	153,602	72,350	13,013	22,896	19,948	222,829	13,727
Female	486,969	20,545	151,705	69,606	16,177	18,809	18,517	177,185	14,325
Negro—Male	7,418	102	3,682	1,614	342	270	300	1,025	83
Female	7,134	145	3,917	1,441	402	216	297	617	99
FOREIGN NATIONALITIES									
FOREIGN-BORN WHITE: Born in—									
Austria	2,196	103	220	492	8	44	36	1,347	36
Austria—Other	9,437	2,510	1,267	52	54	182	4,641	151	36
Canada—French	1,557	22	245	37	67	68	474	52	.....
Canada—Other	20,122	914	7,657	2,881	920	668	922	5,687	473
Denmark	6,380	266	1,096	1,461	62	188	121	3,118	68
England	25,886	1,084	7,575	3,707	824	1,010	1,085	9,815	575
Finland	2,831	338	261	319	6	27	28	1,846	6
France	10,270	256	1,914	1,204	47	146	171	6,244	288
Germany	44,867	1,231	9,683	5,416	678	1,477	1,133	24,137	752
Greece	3,742	117	361	470	48	368	68	2,274	36
Holland	1,194	28	408	165	35	18	22	500	18
Hungary	2,459	34	819	248	16	49	37	1,247	9
Ireland	34,423	695	3,877	4,160	336	1,156	517	23,151	531
Italy	28,198	329	3,802	3,800	34	1,162	331	16,918	1,822
Mexico	9,414	75	5,611	249	277	103	1,222	1,763	114
Norway	6,360	220	1,003	996	85	150	85	3,769	33
Portugal	5,044	262	128	3,367	6	572	79	570	120
Russia	10,763	224	4,758	799	75	117	118	4,640	32
Scotland	7,671	344	1,589	1,322	154	206	265	3,668	123
Spain	1,746	11	384	101	5	34	20	1,170	21
Sweden	14,692	628	3,414	2,337	383	296	424	6,969	243
Switzerland	4,776	158	828	618	53	271	113	2,587	148
Wales	1,276	36	414	267	41	48	31	491	32
Other foreign countries	7,504	240	1,680	961	100	246	205	3,808	134
NATIVE WHITE: Both parents born in—									
Austria	3,803	46	742	305	28	100	77	1,674	58
Canada—French	8,090	24	289	147	14	53	40	257	29
Canada—Other	5,377	264	1,750	208	261	208	206	1,985	156
Denmark	3,039	200	598	861	32	135	25	1,125	63
England	12,689	576	3,607	2,135	417	789	507	4,235	423
France	5,087	176	1,155	690	30	86	67	2,687	196
Germany	50,345	1,560	12,494	6,150	991	2,093	1,306	24,753	998
Ireland	46,300	1,014	5,209	5,428	283	1,873	472	31,262	819
Italy	16,884	229	2,289	2,228	20	544	117	10,206	1,251
Norway	2,629	182	656	565	64	52	103	906	26
Russia	5,339	123	2,406	441	47	68	43	2,185	20
Scotland	3,808	172	942	771	82	93	99	1,572	92
Sweden	7,341	422	2,094	1,385	170	139	235	2,765	209
Switzerland	2,479	82	319	291	29	177	57	1,245	99
Wales	972	32	368	174	44	36	30	292	21
All others of foreign parentage ²	48,603	1,988	10,777	10,356	673	1,875	1,365	29,412	1,157

¹ For changes in boundaries, etc., see page 617.

STATISTICS OF POPULATION.

611

POPULATION FOR CITIES OF 25,000 OR MORE.

[Per cent not shown where base is less than 100.]

SUBJECT.	TOTAL CITIES NAMED.	Berkeley. ¹	Los Angeles. ¹	Oakland. ¹	Pasadena. ¹	Sacramento.	San Diego.	San Francisco.	San Jose.
MALES OF VOTING AGE									
Total number	410,063	12,622	114,889	53,967	9,262	18,777	14,824	175,851	9,761
Number in 1900.....	212,679	3,754	33,049	20,851	2,676	10,914	6,886	128,988	6,586
Native white—Native parentage.....	146,028	5,363	57,820	17,046	5,509	6,972	7,853	41,619	3,837
Number in 1900.....	62,473	1,351	16,021	6,957	1,684	8,027	8,838	37,179	2,429
Native white—Foreign or mixed parentage.....	93,300	2,822	20,228	12,783	1,459	4,437	2,461	46,740	2,370
Number in 1900.....	50,676	1,790	6,766	4,863	890	2,764	921	53,679	1,660
Native white—Foreign parentage.....	64,752	1,790	13,083	8,992	3,051	3,631	886	33,980	1,526
Native white—Mixed parentage.....	28,548	1,032	7,145	3,791	1,386	614	1,386	12,760	844
Foreign-born white.....	142,216	3,627	29,576	19,334	1,772	5,331	3,845	75,708	2,963
Number in 1900.....	80,943	1,427	8,818	7,701	474	2,917	1,769	66,102	1,945
Negro.....	5,428	56	2,571	1,238	227	207	232	831	66
Number in 1900.....	2,601	16	682	365	76	133	83	619	77
Indian, Chinese, Japanese, and all other.....	23,081	754	4,685	3,566	295	1,830	433	10,993	525
PER CENT OF TOTAL.									
Native white—Native parentage.....	35.6	42.5	50.3	31.6	59.5	37.1	53.0	23.7	39.3
Native white—Foreign or mixed parentage.....	22.8	22.4	17.6	23.7	15.8	23.6	16.6	26.6	24.3
Foreign-born white.....	34.7	28.7	25.7	35.8	19.1	28.4	25.9	43.1	30.4
CITIZENSHIP OF FOREIGN-BORN WHITE.									
Naturalized.....	70,024	2,096	14,097	10,237	1,101	2,424	2,057	36,375	1,637
Having first papers.....	16,652	339	2,730	2,004	126	402	190	10,681	181
Alien.....	41,285	854	8,662	5,968	402	1,779	936	21,872	812
Unknown.....	14,255	338	4,087	1,125	144	726	662	6,840	333
ILLITERATE									
ILLITERATE MALES OF VOTING AGE.									
Total number illiterate	8,981	250	2,270	1,877	160	264	268	3,821	371
Per cent illiterate.....	2.2	2.0	2.0	3.5	1.7	1.4	1.8	2.0	3.8
Per cent in 1900.....	3.0	1.6	2.7	5.0	2.1	5.0	2.6	2.8	6.6
Native white, number illiterate.....	543	9	163	111	32	15	26	158	29
Per cent illiterate.....	0.2	0.1	0.2	0.4	0.5	0.1	0.3	0.2	0.5
Foreign-born white, number illiterate.....	6,921	203	1,806	1,494	77	170	210	2,683	278
Per cent illiterate.....	4.9	5.6	6.1	7.7	4.3	3.2	5.5	3.5	9.4
Negro, number illiterate.....	225	1	115	34	9	23	9	23	1
Per cent illiterate.....	4.3	.....	4.5	2.7	4.0	4.3	9.9	5.2	.....
PERSONS 10 YEARS OLD AND OVER.									
Total number	924,117	34,354	275,893	126,814	26,259	38,973	34,300	362,826	24,628
Number illiterate.....	19,472	476	5,258	3,963	318	545	545	7,543	531
Per cent illiterate.....	2.1	1.4	1.9	3.0	1.2	1.4	1.6	2.1	3.2
Native white, number.....	628,084	25,551	204,820	83,508	21,102	27,476	26,126	218,383	18,118
Number illiterate.....	13,509	18	506	335	20	50	37	1,222	12
Per cent illiterate.....	0.3	0.1	0.2	0.4	0.4	0.2	0.3	0.2	0.4
Foreign-born white, number.....	256,635	7,501	58,666	36,042	4,184	8,748	7,131	128,672	5,691
Number illiterate.....	15,064	394	4,161	3,000	159	412	539	4,837	322
Per cent illiterate.....	5.9	5.3	7.0	3.8	3.8	4.3	5.8	4.7	11.2
Negro, number.....	12,638	211	6,528	2,656	632	433	541	1,430	157
Number illiterate.....	678	8	389	87	38	24	52	76	4
Per cent illiterate.....	5.4	3.8	6.0	3.3	6.0	5.5	9.6	5.1	2.5
PERSONS 10 TO 20 YEARS, INCLUSIVE.									
Total number	178,946	7,809	52,846	25,669	5,047	7,273	6,516	65,537	5,229
Number illiterate.....	1,566	25	520	242	37	34	69	603	36
Per cent illiterate.....	0.9	0.3	1.0	0.9	0.7	0.5	1.1	0.9	0.7
SCHOOL AGE AND ATTENDANCE									
Total number 6 to 20 years, inclusive	230,029	10,050	69,036	34,153	6,621	9,381	8,352	85,968	6,868
Number attending school.....	146,723	7,466	44,985	22,283	4,814	5,485	5,806	50,128	4,779
Per cent attending school.....	63.3	74.3	65.2	65.2	72.7	58.5	67.9	58.7	69.5
Number 6 to 9 years.....	54,083	2,241	16,190	8,484	1,574	2,108	2,036	19,811	1,639
Number attending school.....	44,622	1,833	14,077	6,796	1,308	1,638	1,758	15,805	1,377
Number 10 to 14 years.....	69,049	3,095	20,999	10,468	2,116	2,899	2,733	24,822	2,117
Number attending school.....	64,535	2,983	19,624	10,031	2,017	2,476	2,497	22,854	2,053
Number 15 to 17 years.....	49,067	2,228	14,334	6,999	1,405	2,007	1,765	17,842	1,487
Number attending school.....	26,536	1,041	8,066	3,974	984	1,104	1,025	8,778	954
Number 18 to 20 years.....	58,830	2,460	17,513	8,202	1,526	2,833	2,052	22,893	1,625
Number attending school.....	10,030	1,009	3,228	1,452	495	516	447	2,691	392
PERSONS 6 TO 14 YEARS, INCLUSIVE.									
Total number	123,132	5,336	37,189	18,952	3,690	4,841	4,735	44,633	3,756
Number attending school.....	104,157	4,816	33,701	16,827	3,325	4,144	4,255	38,659	3,430
Per cent attending school.....	88.7	90.3	90.6	88.8	90.1	85.6	89.9	86.6	91.3
Native white—Native parentage, number.....	59,791	2,887	21,179	8,371	2,580	2,946	2,852	17,005	1,971
Number attending school.....	53,053	2,586	19,167	7,419	2,360	2,507	2,570	14,660	1,775
Per cent attending school.....	88.7	89.6	90.5	88.6	91.5	85.1	90.4	86.2	90.1
Native white—Foreign or mixed parentage, number.....	41,835	2,108	12,076	8,819	886	1,518	1,476	23,419	1,335
Number attending school.....	46,478	1,923	11,973	7,800	780	1,318	1,347	20,609	1,436
Per cent attending school.....	89.5	91.3	91.7	89.5	88.0	86.8	91.3	88.0	93.6
Foreign-born white, number.....	8,416	241	2,820	1,145	128	216	336	3,324	206
Number attending school.....	7,237	218	2,455	1,007	101	191	265	2,813	187
Per cent attending school.....	86.0	90.5	87.1	87.9	78.9	88.4	78.9	84.6	90.8
Negro, number.....	1,568	41	933	280	93	46	53	108	14
Number attending school.....	1,416	36	868	247	82	35	49	86	12
Per cent attending school.....	90.3	.....	93.0	88.2	.....	.....	.....	80.6	.....
DWELLINGS AND FAMILIES									
D									

TABLE III.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR CITIES OF 10,000 TO 25,000.

SUBJECT.	TOTAL CITIES NAMED.	Alameda.	Bakersfield.	Eureka.	Fresno.	Long Beach.	Pomona.	Redlands.	Riverside.	San Bernar- side.	Santa Bar- bara.	Santa Cruz.	Stock- ton.	Valle- jo.	
COLOR AND NATIVITY															
Total population, 1910	196,701	23,383	12,727	11,845	24,892	17,809	10,207	10,449	15,212	12,779	11,659	11,146	23,253	11,340	
1900.	105,312	18,464	4,836	4,357	12,470	2,252	5,526	4,797	7,873	6,150	5,087	5,639	17,306	7,865	
Native white—Native parentage.	106,076	8,831	7,926	7,327	12,619	12,526	7,608	6,784	8,444	7,527	7,508	6,178	11,061	4,807	
Native white—Foreign or mixed parentage.	46,459	5,056	2,224	3,843	4,931	3,056	1,627	1,921	2,496	2,668	2,365	2,827	6,345	4,050	
Foreign-born white.	2,152	5,558	1,734	3,909	5,445	1,942	832	2,242	2,436	1,778	1,959	4,178	2,035	1,440	
Negro.	2,439	211	262	19	250	100	27	130	421	177	77	58	196	224	
Ind., Chi., Jap., and all other.	6,836	730	581	26	1,627	155	63	268	1,285		416	124	1,173	224	
FOREIGN NATIONALITIES															
FOREIGN-BORN WHITE: Born in—															
Australia.	189	66	12	13	17	8	2	4	9	14	4	9	18	13	
Austria.	817	105	47	137	137	15	7	30	37	48	23	49	145	37	
Canada.	4,742	950	165	303	486	300	486	237	294	128	224	241	367	140	
Denmark.	960	243	27	75	234	52	22	16	27	57	32	30	109	36	
England.	3,903	796	182	134	285	461	191	181	294	232	276	276	386	239	
Finland.	592	36	25	479	8	1	1	4	3	5	1	3	12	14	
France.	1,156	243	170	24	189	24	28	26	54	37	88	39	189	54	
Germany.	4,542	1,235	211	227	364	262	114	173	125	275	235	274	733	314	
Greece.	386	142	10	11	39	4	5			6	8	30	56	72	
Holland.	166	16	4	14	34	10	2	27	11	3	9	18	14	4	
Ireland.	2,984	459	103	346	165	119	37	101	86	115	153	171	627	502	
Italy.	3,299	483	153	356	602	9	3	6	128	75	283	370	740	491	
Mexico.	4,821	83	352	4	282	122	116	208	436	888	123	12	188	7	
Norway.	732	135	10	313	15	30	10	22	21	15	48	13	61	39	
Portugal.	702	74	24	17	150	2		41	5	4	11	151	134	89	
Russia.	1,607	43	31	24	1,192	55	10	15	8	33	7	7	151	31	
Scotland.	1,143	218	35	56	96	129	30	56	97	39	100	61	117	169	
Spain.	1,606	18	31	2	263	6	2	2	10	10	10	7	44	12	
Sweden.	1,606	388	55	284	129	56	34	92	159	64	49	52	147	99	
Switzerland.	595	76	39	97	40	21	13	13	18	20	33	87	93	45	
Turkey.	1,097	5	10	5	993	12	1	4	11	12	8	1	14	21	
Other foreign countries.	878	173	36	73	90	68	17	31	32	62	39	58	133	76	
NATIVE WHITE: Both parents born in—															
Austria.	21	56	21	23	55	5	7	33	8	18	5	23	45	13	
Canada.	1,626	156	81	509	111	87	10	163	60	40	79	124	51	20	
Denmark.	592	177	12	44	176	23	13	4	8	35	21	13	46	20	
England.	2,152	483	732	678	1,228	287	132	113	15	169	125	713	240	161	
France.	638	120	126	12	64	17	14	20	35	26	43	24	115	22	
Germany.	5,437	1,315	232	266	409	405	234	219	228	342	226	289	884	388	
Ireland.	3,970	613	175	233	259	158	60	102	90	129	164	206	853	908	
Italy.	1,715	296	61	94	342	10	3	1	35	43	116	174	455	85	
Norway.	438	55	9	158	17	29	8	22	24	9	22	8	40	37	
Russia.	751	28	18	6	531	32	8	1	6	10	11	3	80	17	
Scotland.	1,143	156	29	47	55	52	33	29	34	37	46	31	79	90	
Sweden.	1,087	231	24	185	124	52	22	61	106	43	27	28	54	70	
Switzerland.	336	65	9	36	7	22	6	10	13	12	12	15	40	23	
All others of foreign parentage.	7,538	1,263	363	689	1,057	304	163	373	403	573	341	453	859	633	
SEX															
Total. Male.	102,790	11,646	7,412	6,529	13,324	8,290	4,943	5,247	7,913	6,757	5,714	5,448	12,954	6,590	
Female.	93,911	11,737	5,315	5,248	11,568	8,819	5,264	5,247	7,299	6,022	5,945	5,683	10,299	4,760	
White. Male.	96,126	10,993	6,798	6,574	11,840	8,107	4,871	4,986	6,750	6,544	5,295	5,313	11,849	6,266	
Female.	91,587	11,449	5,086	5,226	11,175	9,447	5,246	5,155	6,720	5,894	5,571	5,631	10,035	4,626	
Negro. Male.	1,021	95	123	6	114	47	11	59	199	81	36	33	101	125	
Female.	1,131	116	139	13	136	53	16	71	231	96	41	25	95	99	
MALES OF VOTING AGE															
Total number.	70,229	7,788	5,354	4,540	8,777	5,593	3,104	3,428	5,157	4,406	3,871	3,660	9,885	4,866	
Native white—Native parentage.	39,229	2,371	3,107	3,363	4,024	3,648	2,137	2,013	2,774	2,398	1,977	1,765	3,946	1,936	
Native white—Foreign or mixed parentage.	12,520	2,071	724	861	1,013	833	478	494	607	770	683	723	2,049	1,468	
Foreign-born white.	18,529	2,842	1,036	2,228	2,487	901	438	649	1,065	1,068	877	1,064	2,679	1,192	
Negro.	694	50	93	6	74	32	8	47	107	54	29	21	71	105	
CITIZENSHIP OF FOREIGN-BORN WHITE.															
Naturalized.	8,923	1,730	308	1,076	1,006	470	219	372	454	377	417	546	1,074	884	
Having first papers.	1,200	241	38	182	166	100	16	29	73	49	49	39	127	91	
Alien.	5,409	774	302	814	998	164	76	189	420	422	239	320	552	139	
Unknown.	2,997	107	383	156	317	107	127	59	118	220	172	159	926	81	
ILLITERACY															
Total number 10 years old and over.	818,674	19,952	10,652	10,065	20,293	15,483	8,924	8,806	12,326	10,535	9,858	9,398	20,498	9,744	
Number illiterate.	116	4,774	2,661	1,241	1,241	82	136	149	188	258	468	258	566	258	
Native white 10 years old and over.	14,386	13,655	8,254	6,426	13,504	13,362	7,592	7,105	9,003	8,110	7,648	7,317	14,807	7,303	
Number illiterate.	37	13	7	7	37	13	56	28	36	26	26	14	30	12	
Foreign-born white 10 years old and over.	13,712	5,450	1,674	3,539	5,076	1,892	846	1,325	2,078	1,741	1,641	1,926	4,418	2,017	
Number illiterate.	3,301	153	170	83	1,066	53	77	107	323	480	123	197	380	89	
Negro 10 years old and over.	1,824	170	227	19	223	80	24	113	319	157	66	49	170	207	
Number illiterate.	138	22	14	2	29	10	5	7	26	16	2	2	6	6	
Illiterate males of voting age.	2,447	127	203	67	518	40	69	60	259	326	268	185	288	57	
SCHOOL AGE AND ATTENDANCE															
Total number 6 to 20 years, inclusive.	46,559	5,697	2,762	2,809	6,208	4,061	2,714	2,602	4,066	3,185	2,727	2,869	4,707	2,372	
Number attending school.	31,694	4,017	1,722	1,834	3,841	3,111	1,999	1,920	3,049	2,073	1,976	1,813	2,788	1,546	
PERSONS 6 TO 14 YEARS, INCLUSIVE.															
Total number.	26,135	3,086	1,588	1,547	3,491	2,243	1,571	1,512	2,181	1,875	1,646	1,566	2,436	1,293	
Number attending school.	23,136	2,849	1,368	1,339	2,938	1,939	1,393	1,366	1,643	1,456	1,373	1,289	1,989	1,205	
Native white—Native parentage.	16,289	1,494	1,131	1,069	1,732	1,854	1,285	1,033	1,290	1,264	1,190	1,041	1,455	666	
Number attending school.	14,552	1,357	1,000	959	1,911	1,735	1,147	1,015	1,162	1,116	1,082	914	1,201	623	
Native white—Foreign or mixed parentage.	7,710	1,386	337	799	1,051	402	239	355	505	409	367	466	823	571	
Number attending school.	6,848	1,296	280	711	882	375	214	321	446	360	333	408	687	535	
Foreign-born white.	1,444	136	57	74	511	72	43	50	106	168	93	46	71	20	
Number attending school.	1,202	130	37	67	423	68	34	44	122	137	60	39	71	20	
Negro.	314	41	26		45	13	4	13	84	27	7	23	24	24	
Number attending school.	279	36	24		40	12	3	12	79	23	6	7	17	20	
DWELLINGS AND FAMILIES															
Dwellings, number.	45,063	5,451	2,557	2,590	5,188	3,760	2,567	2,565	3,264	3,144	2,874	3,097	4,566	2,440	
Families, number.	48,631	5,879	2,861	2,729	5,757	5,250	2,677	2,671	3,640	3,303	2,936	3,177			

TABLE IV.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR PLACES OF 2,500 TO 10,000.

SUBJECT.	TOTAL PLACES NAMED.	Alhambra. ¹	Anaheim.	Chico.	Costa Mesa. ¹	Colton.	Corona.	Emeryville.	Glen Dale. ¹	Grass Valley.	Hanford.	Hayward.
SEX, COLOR, AND NATIVITY												
Total population, 1910.	202,809	5,021	2,628	3,750	4,199	3,980	3,540	2,613	2,736	4,520	4,829	2,748
1900.....	98,569		1,456	2,640		1,255	1,434	1,016		4,719	2,929	1,965
Male.....	107,241	2,559	1,413	2,012	2,577	2,124	1,914	1,643	1,340	2,306	2,541	1,370
Female.....	95,548	2,462	1,215	1,738	1,622	1,856	1,626	1,070	1,406	2,214	2,288	1,376
Native white—Native parentage.....	112,000	3,021	1,199	2,503	3,130	1,845	2,359	917	1,894	1,479	3,001	765
Native white—Foreign or mixed parentage.....	49,485	966	796	681	613	784	561	995	530	1,979	761	1,189
Foreign-born white.....	34,360	983	594	331	397	1,312	604	636	282	989	705	757
Negro.....	1,695	18		53	2	11	15	84	2	2	128	2
Indian, Chinese, Japanese, and all other.....	5,240	33	39	182	57	18	1	11	40	71	234	33
MALES OF VOTING AGE												
Total number.....	72,530	1,748	824	1,499	1,955	1,278	1,232	1,141	882	1,471	1,676	859
Native white—Native parentage.....	35,062	901	308	860	1,398	545	740	396	563	276	906	191
Native white—Foreign or mixed parentage.....	13,980	224	205	273	243	143	137	323	158	694	174	261
Foreign-born white.....	18,587	583	273	206	262	577	348	374	139	633	377	377
Naturalized.....	9,352	174	162	117	86	85	79	224	62	400	136	206
Negro.....	579	6		20	1	4		50		2	39	2
ILLITERACY												
Total number 10 years old and over.....	170,274	4,287	2,136	3,325	3,528	3,129	2,834	2,218	2,328	3,678	3,971	2,299
Number illiterate.....	6,567	393	30	108	44	48	376	40	20	66	255	168
Native white 10 years old and over.....	130,477	3,255	1,530	2,775	3,085	1,941	2,246	1,499	2,017	2,642	2,987	1,518
Number illiterate.....	707	19	5	1		32	42	3	12	8	49	12
Foreign-born white 10 years old and over.....	33,414	964	567	325	385	1,112	575	626	274	938	664	746
Number illiterate.....	4,813	362	25	26	41	857	350	23	7	38	172	156
Negro 10 years old and over.....	1,426	15		51	1	11	12	82	1	2	101	2
Number illiterate.....	120			6			4	13			11	
Illiterate males of voting age.....	3,761	331	13	75	43	475	240	20	11	28	130	83
SCHOOL AGE AND ATTENDANCE												
Total number 6 to 20 years, inclusive.....	49,232	1,180	792	794	777	1,106	821	662	630	1,248	1,235	754
Number attending school.....	33,678	864	565	535	396	711	610	370	476	864	798	516
PERSONS 6 TO 14 YEARS, INCLUSIVE.												
Native white, number.....	26,637	652	473	381	442	510	565	334	371	786	600	415
Number attending school.....	23,647	599	435	337	317	459	444	292	330	742	518	390
Foreign-born white, number.....	1,283	31	40	9	17	179	33	13	9	32	51	26
Number attending school.....	1,039	26	38	3	12	115	21	9	8	32	41	26
Negro, number.....	252	2				2				6	28	
Number attending school.....	224	2		4	1	2	2	6			27	
DWELLINGS AND FAMILIES												
Dwellings, number.....	48,664	1,209	620	906	915	867	804	524	725	1,052	1,145	691
Families, number.....	51,395	1,242	639	984	955	1,011	818	722	735	1,105	1,175	717

SUBJECT.	Lodi. ¹	Marysville.	Merced.	Mill Valley. ¹	Modesto.	Monrovia.	Monte-rey.	Napa.	Nevada City.	Ocean Park. ¹	Ontario. ¹	Orange.
SEX, COLOR, AND NATIVITY												
Total population, 1910.....	2,697	5,430	3,102	2,551	4,034	3,576	4,923	5,791	2,689	3,119	4,274	2,920
1900.....	3,497	1,969			2,024	1,205	1,748	4,036	3,250		722	1,216
Male.....	1,389	3,541	1,879	1,271	2,201	1,674	3,064	2,908	1,420	1,454	2,231	1,391
Female.....	1,308	1,889	1,223	1,280	1,833	1,902	1,859	2,886	1,269	1,665	2,043	1,529
Native white—Native parentage.....	1,496	2,538	1,490	1,025	2,544	2,336	2,753	2,697	1,052	1,861	2,846	2,031
Native white—Foreign or mixed parentage.....	716	1,253	716	861	868	688	1,145	1,931	1,046	663	745	582
Foreign-born white.....	387	704	715	531	449	417	671	1,112	518	536	581	291
Negro.....	14	188	30	78	121	44	20	2	33	8		
Indian, Chinese, Japanese, and all other.....	84	637	181	84	95	14	310	101	71	26	94	16
MALES OF VOTING AGE												
Total number.....	907	2,896	1,366	886	1,537	1,104	2,318	1,980	930	1,000	1,418	855
Native white—Native parentage.....	436	1,150	530	284	838	671	1,202	776	279	554	862	584
Native white—Foreign or mixed parentage.....	178	568	226	240	349	190	433	516	305	163	151	151
Foreign-born white.....	239	551	449	308	260	205	436	597	287	249	283	145
Naturalized.....	144	228	117	151	125	119	182	347	197	146	155	91
Negro.....	1	68	12		25	25	15	9	1	11	4	
ILLITERACY												
Total number 10 years old and over.....	2,240	4,907	2,649	2,157	3,403	3,029	4,241	4,910	2,261	2,697	3,558	2,445
Number illiterate.....	41	376	319	27	51	86	104	78	14	4	84	27
Native white 10 years old and over.....	1,779	3,343	1,748	1,511	2,812	2,504	3,254	3,679	1,679	2,118	2,891	2,141
Number illiterate.....	4	7	12	1	5	15	40	20	2	3	14	9
Foreign-born white 10 years old and over.....	382	763	697	567	441	406	665	1,099	512	522	565	288
Number illiterate.....	29	72	271	19	24	35	30	53	12	1	9	17
Negro 10 years old and over.....	2	161	26	63	37	36	19	2	3	1	3	8
Number illiterate.....	3	5		3	14	3	4	4			1	
Illiterate males of voting age.....	28	324	217	15	34	34	58	26	7	2	11	9
SCHOOL AGE AND ATTENDANCE												
Total number 6 to 20 years, inclusive.....	728	909	663	568	929	847	960	1,359	695	665	1,121	768
Number attending school.....	504	482	418	397	539	617	540	910	518	467	829	551
PERSONS 6 TO 14 YEARS, INCLUSIVE.												
Native white, number.....	408	355	305	294	476	438	495	739	413	383	615	451
Number attending school.....	378	281	269	270	392	381	398	677	377	349	571	398
Foreign-born white, number.....	7	2		28	12	14	5	29	11	19	24	8
Number attending school.....	6		25	26	8	12	5	18	11	15	20	8
Negro, number.....	3	18	4		12	31	7	1	1	1	1	
Number attending school.....	6	16	3		8	30	5	1		1	1	
DWELLINGS AND FAMILIES												
Dwellings, number.....	682	902	658	672	906	978	1,085	1,410	661	707	1,136	773
Families, number.....	710	903	676	680	1,017	994	1,125	1,535	670	928	1,173	846

¹ For changes in boundaries, etc., see page 617.

TABLE IV.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR PLACES OF 2,500 TO 10,000—Continued.

SUBJECT.	Oroville. ¹	Oxnard. ¹	Palo Alto.	Petaluma.	Porterville. ¹	Red Bluff.	Redding.	Redondo Beach.	Richmond. ¹	Roseville. ¹	Salinas.	San Leandro. ¹	San Luis Obispo.
SEX, COLOR, AND NATIVITY													
Total population, 1910.....	3,859	2,555	4,466	5,880	2,698	3,530	3,572	2,935	6,802	2,608	3,738	3,471	5,157
1900.....			1,658	3,871		2,750	2,946	855			3,304	2,253	3,021
Male.....	2,328	1,571	2,198	2,886	1,463	1,790	2,005	1,552	4,045	1,599	1,993	1,793	2,788
Female.....	1,531	984	2,268	2,994	1,233	1,740	1,567	1,383	2,757	1,009	1,743	1,678	2,369
Native white—Native parentage.....	2,105	907	2,543	2,632	2,078	2,314	2,103	1,870	3,238	1,601	1,827	1,844	2,940
Native white—Foreign or mixed par.....	884	609	1,033	2,027	117	602	571	1,771	509	1,111	1,111	1,406	1,372
Foreign-born white.....	532	618	726	1,156	258	373	530	463	1,640	362	623	1,108	707
Negro.....	33	38	25	2	21	39	114	14	29	9	21		
Ind., Chi., Jap., and all other.....	305	383	139	33	20	112	19	17	24	54	154	23	171
MALES OF VOTING AGE													
Total number.....	1,762	1,141	1,462	1,834	966	1,161	1,392	1,087	2,894	1,115	1,335	1,080	1,867
Native white—Native parentage.....	784	316	734	673	668	708	724	668	1,190	598	521	197	881
Native white—Foreign or mixed par.....	360	158	273	529	117	192	133	383	508	233	335	369	459
Foreign-born white.....	366	334	354	600	157	182	346	262	1,072	259	358	559	424
Naturalized.....	148	108	198	377	57	113	116	116	427	99	235	279	293
Negro.....	12	12	10	1	5	7	43	9	13	5	8		10
ILLITERACY													
Total number 10 years old and over.....	3,388	2,152	3,824	4,888	2,180	2,941	3,041	2,425	5,588	2,135	3,134	2,768	4,301
Number illiterate.....	92	243	18	83	42	93	59	135	82	13	82	415	78
Native white 10 years old and over.....	2,557	1,164	2,964	3,682	1,900	2,439	2,405	1,953	3,836	1,720	2,355	1,678	3,470
Number illiterate.....	2	18	9	9	5	6	5	16	7	1	3	26	47
Foreign-born white 10 years old and over.....	518	503	710	1,171	246	370	523	441	1,607	353	615	1,023	701
Number illiterate.....	46	177	10	66	28	34	46	116	72	11	38	389	28
Negro 10 years old and over.....	24	31	23	2	14	28	97	14	2	8	20		16
Number illiterate.....	2	3	2		4		7	2	1	1			2
Illiterate males of voting age.....	72	133	7	35	27	48	27	75	45	7	21	217	27
SCHOOL AGE AND ATTENDANCE													
Total number 6 to 20 years, inclusive.....	819	589	1,025	1,507	675	871	858	633	1,466	570	983	995	1,327
Number attending school.....	503	379	822	942	437	713	587	412	924	358	704	729	834
PERSONS 6 TO 14 YEARS, INCLUSIVE.													
Native white, number.....	398	277	532	848	370	578	439	342	815	317	557	558	757
Number attending school.....	344	263	492	702	295	530	384	294	687	293	497	540	672
Foreign-born white, number.....	5	46	23	28	12	6	18	24	53	11	11	57	5
Number attending school.....	4	36	22	23	8	4	16	15	47	11	9	51	4
Negro, number.....	9	9	2		4	13	19		2	2	4		
Number attending school.....	6	4	2		4	12	19		2	2	4		
DWELLINGS AND FAMILIES													
Dwellings, number.....	860	696	1,101	1,510	660	821	767	819	1,504	569	995	851	1,190
Families, number.....	905	606	1,160	1,566	684	895	828	864	1,577	602	952	887	1,236
SUBJECT.	San Mateo.	San Rafael.	Santa Ana.	Santa Clara.	Santa Monica.	Santa Rosa.	South Pasadena.	Tulare.	Ventura.	Visalia.	Watsonville.	Whittier.	Woodland.
SEX, COLOR, AND NATIVITY													
Total population, 1910.....	4,384	5,934	8,429	4,348	7,847	7,817	4,649	2,758	2,945	4,650	4,446	4,550	3,187
1900.....	1,832	3,879	4,933	3,650	3,057	6,673	1,001	2,216	2,470	3,085	3,528	2,190	2,886
Male.....	2,317	3,181	3,984	2,238	3,775	3,802	2,200	1,502	1,554	2,384	2,282	2,595	1,617
Female.....	2,067	2,753	4,445	2,110	4,072	4,015	2,449	1,256	1,391	2,166	2,164	2,355	1,570
Native white—Native parentage.....	1,785	1,912	6,079	1,832	4,662	4,397	3,105	1,978	1,995	3,076	2,147	3,632	1,955
Native white—Foreign or mixed par.....	1,450	2,060	1,413	1,628	1,659	1,970	857	397	533	800	1,208	559	670
Foreign-born white.....	1,631	1,747	884	1,135	1,248	1,318	558	260	345	491	900	331	374
Negro.....	27	24	38	4	191	12	19	5	21	39	7		93
Ind., Chi., Jap., and all other.....	91	191	15	49	87	150	110	118	51	144	184	28	86
MALES OF VOTING AGE													
Total number.....	1,817	2,148	2,581	1,378	2,462	2,504	1,462	984	1,023	1,554	1,495	1,411	1,128
Native white—Native parentage.....	526	535	1,773	796	1,273	1,273	888	618	583	947	586	1,059	690
Native white—Foreign or mixed par.....	374	541	362	338	383	472	226	126	168	218	285	165	206
Foreign-born white.....	538	932	408	597	576	667	264	146	222	273	516	165	219
Naturalized.....	338	466	246	287	263	376	149	32	110	129	277	83	152
Negro.....	7	8	9	2	49	5	3	4	7	14	5		30
ILLITERACY													
Total number 10 years old and over.....	3,587	5,037	7,182	3,577	6,582	6,617	3,985	2,289	2,456	3,773	3,673	3,807	2,765
Number illiterate.....	9	416	92	249	122	60	20	176	68	84	255	20	25
Native white 10 years old and over.....	2,461	3,110	6,904	2,435	5,138	5,207	3,285	1,920	2,057	3,140	2,635	3,458	2,232
Number illiterate.....	1	16	23	46	21	11	6	35	16	24	6	8	8
Foreign-born white 10 years old and over.....	1,014	1,720	848	1,089	1,204	1,285	545	250	334	468	885	323	372
Number illiterate.....	8	335	63	223	59	48	15	95	33	51	187	14	12
Negro 10 years old and over.....	24	22	27	4	153	11	18	5	16	32	7		79
Number illiterate.....	1	1	4	1	12	1							6
Illiterate males of voting age.....	5	239	28	116	44	24	12	119	34	29	130	11	15
SCHOOL AGE AND ATTENDANCE													
Total number 6 to 20 years, inclusive.....	1,068	1,408	2,159	1,258	1,903	1,935	1,047	748	760	1,193	1,152	1,176	768
Number attending school.....	685	993	1,607	1,318	1,318	1,270	805	468	512	821	793	906	558
PERSONS 6 TO 14 YEARS, INCLUSIVE.													
Native white, number.....	584	699	1,168	645	1,078	1,022	606	416	427	631	640	684	418
Number attending school.....	515	636	1,087	587	946	887	561	348	357	557	572	617	388
Foreign-born white, number.....	29	40	48	54	57	57	19	10	15	21	16	12	3
Number attending school.....	27	36	39	51	44	42	14	3	7	17	13	11	3
Negro, number.....	1	2	6		34	1			3	2			16
Number attending school.....	1	1	3		29	1			3	1			13
DWELLINGS AND FAMILIES													
Dwellings, number.....	987	1,316	2,151	985	2,177	1,984	1,171	677	735	1,013	1,131	1,159	816
Families, number.....	1,010	1,398	2,321	1,025	2,319	2,070	1,199	684	773	1,086	1,197	1,262	832

¹ For changes in boundaries, etc., see page 617.

STATISTICS OF POPULATION.

TABLE V.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR WARDS (OR ASSEMBLY DISTRICTS) OF CITIES OF 50,000 OR MORE.

SUBJECT.	LOS ANGELES.								
	THE CITY.	ASSEMBLY DISTRICT.							
	67	69	70	71	72	73	74	75	
SEX, COLOR, AND NATIVITY									
Total population, 1910.....	319,198	1,060	25,968	74,851	37,800	38,822	38,023	55,460	47,214
Male.....	162,669	579	13,032	36,008	19,023	18,046	21,321	28,762	24,448
Female.....	156,529	481	12,936	38,243	18,777	20,726	16,102	26,698	22,566
Native white—Native parentage.....	160,967	495	12,344	43,119	18,422	20,985	21,188	28,518	24,896
Native white—Foreign or mixed parentage.....	74,756	236	6,640	17,956	6,831	10,054	7,754	12,383	10,473
Foreign-born white.....	60,584	198	6,427	11,994	7,116	6,647	6,799	11,033	10,368
Negro.....	7,599	22	451	1,409	2,696	656	1,210	679	576
Indian, Chinese, Japanese, and all other.....	6,292	89	106	364	735	480	1,072	2,745	701
FOREIGN-BORN WHITE: Born in—									
Austria.....	2,510	3	206	360	153	174	309	370	933
Canada.....	8,249	19	548	1,983	958	1,097	950	1,338	1,356
Denmark.....	1,096	3	78	366	114	111	131	121	142
England.....	7,575	47	569	1,658	752	820	956	1,445	1,298
France.....	1,914	7	274	290	223	247	206	425	242
Germany.....	9,683	27	666	2,228	1,231	1,557	1,298	1,282	1,384
Hungary.....	819	5	87	321	65	60	304	86	96
Ireland.....	3,877	5	367	828	450	484	503	665	749
Italy.....	3,802	9	198	631	695	148	130	1,222	769
Mexico.....	5,611	47	1,067	405	873	280	255	1,712	972
Norway.....	1,003	6	104	351	86	110	106	121	139
Russia.....	4,758	1	1,504	368	441	286	426	685	1,047
Scotland.....	1,589	6	113	336	180	194	180	304	247
Sweden.....	3,414	9	210	1,044	396	564	423	362	406
Switzerland.....	828	73	91	211	91	102	140	112	112
Other foreign countries.....	3,856	5	361	784	388	421	481	717	699
MALES OF VOTING AGE									
Total number.....	114,889	381	8,231	24,107	12,662	12,721	18,054	19,338	19,185
Native white—Native parentage.....	57,829	156	3,674	13,039	5,911	6,508	9,955	8,823	9,703
Native white—Foreign or mixed parentage.....	29,228	51	1,504	3,230	2,158	2,526	3,091	3,223	3,223
Foreign-born white.....	26,576	108	2,856	5,763	3,372	2,933	3,780	5,502	5,502
Naturalized.....	14,097	48	1,216	3,223	1,664	1,714	1,927	2,218	2,087
Negro.....	2,571	6	123	439	907	189	538	184	185
ILLITERACY AND SCHOOL ATTENDANCE									
Total number 10 years old and over.....	275,863	863	21,060	62,586	32,299	34,456	35,312	46,292	42,995
Number illiterate.....	5,258	20	899	747	1,145	119	265	1,112	951
Illiterate males of voting age.....	2,270	11	358	326	403	32	131	382	537
Total number 6 to 20 years, inclusive.....	69,036	255	6,855	17,262	9,103	8,430	5,935	12,957	8,239
Number attending school.....	44,995	152	4,536	11,877	6,044	6,634	3,246	8,729	4,777
DWELLINGS AND FAMILIES									
Dwellings, number.....	69,061	292	5,915	19,829	8,612	8,829	5,398	13,320	6,866
Families, number.....	78,678	295	6,364	20,540	9,384	10,120	7,794	14,271	9,910

OAKLAND.

SUBJECT.	THE CITY.	WARD.						
		1	2	3	4	5	6	7
SEX, COLOR, AND NATIVITY								
Total population, 1910.....	160,174	26,977	17,559	13,572	13,262	14,531	15,696	48,877
Male.....	78,221	13,811	8,710	6,851	6,853	7,789	9,801	24,457
Female.....	71,952	13,396	8,849	6,681	6,309	6,742	5,795	24,150
Native white—Native parentage.....	55,198	11,227	6,529	5,334	4,837	6,731	2,488	18,062
Native white—Foreign or mixed parentage.....	49,836	9,062	6,517	4,633	4,464	3,867	4,483	17,308
Foreign-born white.....	36,822	6,315	3,966	3,162	3,149	2,587	5,269	12,374
Negro.....	3,055	195	556	287	635	85	870	427
Indian, Chinese, Japanese, and all other.....	5,163	238	291	156	177	1,261	2,484	556
FOREIGN-BORN WHITE: Born in—								
Austria.....	1,267	83	69	96	261	91	428	239
Canada.....	3,126	549	318	324	286	361	141	1,147
Denmark.....	1,461	246	180	72	69	115	83	693
England.....	3,707	727	433	325	301	335	240	1,346
France.....	1,204	232	209	70	69	83	205	336
Germany.....	5,476	854	593	450	512	440	439	2,188
Greece.....	470	32	19	32	31	51	267	37
Ireland.....	4,160	604	573	603	512	362	562	1,038
Italy.....	3,800	1,444	116	350	113	52	1,051	576
Norway.....	996	188	116	88	53	86	62	403
Portugal.....	3,367	114	401	109	109	195	32	1,724
Russia.....	799	54	106	105	83	46	265	140
Scotland.....	1,322	212	141	120	98	114	105	532
Sweden.....	2,337	431	227	240	258	201	160	820
Switzerland.....	618	93	69	45	35	38	46	232
Other foreign countries.....	2,712	465	285	274	225	180	423	860
MALES OF VOTING AGE								
Total number.....	53,967	9,096	5,936	5,009	5,192	6,113	7,367	15,254
Native white—Native parentage.....	17,046	3,250	1,834	1,773	1,699	2,450	3,055	4,985
Native white—Foreign or mixed parentage.....	9,372	1,371	1,300	1,371	1,366	1,660	3,271	3,271
Foreign-born white.....	19,334	3,264	2,008	1,662	1,748	1,359	3,217	6,094
Naturalized.....	10,237	1,828	1,284	973	966	782	1,035	3,369
Negro.....	1,238	70	204	107	291	42	382	142
ILLITERACY AND SCHOOL ATTENDANCE								
Total number 10 years old and over.....	126,914	22,305	15,101	11,946	11,691	13,225	13,286	39,360
Number illiterate.....	3,863	239	310	178	153	102	1,447	1,434
Illiterate males of voting age.....	1,877	104	150	81	73	57	759	653
Total number 6 to 20 years, inclusive.....	34,153	6,013	3,918	2,943	2,992	2,610	3,253	12,824
Number attending school.....	22,253	4,065	2,492	1,902	1,655	1,676	1,832	8,631
DWELLINGS AND FAMILIES								
Dwellings, number.....	31,740	6,338	3,725	2,566	2,473	2,388	2,846	11,402
Families, number.....	36,723	6,864	4,209	3,659	3,031	3,206	3,284	12,170

TABLE V.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR WARDS (OR ASSEMBLY DISTRICTS) OF CITIES OF 50,000 OR MORE—Continued.

SAN FRANCISCO.

SUBJECT.	THE CITY.	ASSEMBLY DISTRICT.								
		28	29	30	31	32	33	34	35	
SEX, COLOR, AND NATIVITY										
Total population, 1910.....	416,912	11,373	5,537	7,558	18,787	31,879	44,688	36,970	22,388	
Male.....	236,901	10,093	4,284	5,052	13,047	17,023	23,912	18,882	11,660	
Female.....	180,011	1,280	1,253	2,506	5,740	14,856	20,776	18,088	10,698	
Native white—Native parentage.....	115,359	3,541	1,720	1,908	4,025	6,460	10,002	9,736	6,585	
Native white—Foreign or mixed parentage.....	153,781	1,992	1,493	2,548	6,015	14,147	19,255	16,277	9,343	
Foreign-born white.....	130,874	5,748	2,219	2,954	8,285	11,100	15,279	10,808	5,992	
Negro.....	1,642	25	27	43	141	55	95	72	24	
Indian, Chinese, Japanese, and all other.....	15,256	67	78	105	321	117	57	77	164	
FOREIGN-BORN WHITE: Born in—										
Austria.....	4,641	220	90	136	430	260	494	293	159	
Canada.....	6,161	189	73	104	203	286	545	651	420	
Denmark.....	3,118	264	47	64	296	294	293	331	178	
England.....	9,815	392	142	178	498	565	986	924	563	
Finland.....	1,846	404	20	35	201	250	247	119	14	
France.....	6,244	135	82	119	136	742	464	236	188	
Germany.....	24,137	814	382	477	1,082	2,026	2,539	2,288	1,309	
Greece.....	2,274	254	339	343	362	196	73	18	92	
Ireland.....	23,151	881	469	764	1,621	2,413	3,039	2,688	1,414	
Italy.....	16,918	166	97	123	917	1,541	2,433	503	306	
Norway.....	3,769	641	37	43	486	288	468	408	177	
Russia.....	4,640	106	72	118	178	533	640	209	143	
Scotland.....	3,668	157	38	52	395	424	415	375	216	
Sweden.....	6,969	676	121	78	573	602	872	1,024	268	
Switzerland.....	2,587	58	28	37	69	223	505	191	144	
Other foreign countries.....	10,936	351	212	283	848	619	1,115	550	400	
MALES OF VOTING AGE										
Total number.....	175,951	9,489	3,672	4,048	10,452	10,856	14,381	12,478	8,408	
Native white—Native parentage.....	41,619	1,974	1,054	967	2,007	3,237	4,378	3,900	1,849	
Native white—Foreign or mixed parentage.....	46,740	1,275	807	983	1,943	3,481	4,008	4,408	3,102	
Foreign-born white.....	75,708	5,173	1,731	1,987	6,086	6,003	7,917	5,666	3,235	
Naturalized.....	36,575	1,869	788	827	2,366	3,067	4,024	3,474	1,915	
Negro.....	831	21	18	20	108	15	31	26	7	
ILLITERACY AND SCHOOL ATTENDANCE										
Total number 10 years old and over.....	362,826	11,056	5,102	6,748	16,698	25,654	34,736	31,115	19,539	
Number illiterate.....	7,697	145	106	148	298	354	376	378	189	
Illiterate males of voting age.....	3,521	98	73	93	145	281	424	126	75	
Total number 6 to 29 years, inclusive.....	55,368	724	715	1,242	3,424	8,827	12,401	9,259	4,798	
Number attending school.....	50,128	246	333	657	1,848	5,716	7,805	5,709	2,574	
DWELLINGS AND FAMILIES										
Dwellings, number.....	65,025	690	474	935	2,679	5,749	9,525	6,719	3,772	
Families, number.....	86,414	751	694	1,448	3,194	6,600	10,299	8,529	5,240	

SUBJECT.	ASSEMBLY DISTRICT.									
	36	37	38	39	40	41	42	43	44	45
SEX, COLOR, AND NATIVITY										
Total population, 1910.....	12,844	35,250	27,925	51,564	23,075	25,372	8,810	9,379	21,307	22,206
Male.....	7,433	17,482	15,187	27,147	11,714	12,494	4,790	5,147	16,872	14,702
Female.....	5,411	17,768	12,738	24,417	11,361	12,878	4,020	4,232	4,435	7,504
Native white—Native parentage.....	3,788	11,439	8,467	18,451	6,464	7,193	3,512	4,277	3,843	3,758
Native white—Foreign or mixed parentage.....	5,052	14,619	10,148	19,351	7,937	9,755	3,010	2,889	2,653	7,297
Foreign-born white.....	3,930	8,766	8,462	13,650	6,491	7,457	2,022	2,009	5,379	10,923
Negro.....	16	35	52	144	108	246	24	68	282	125
Indian, Chinese, Japanese, and all other.....	58	481	796	568	2,015	721	212	136	9,150	103
FOREIGN-BORN WHITE: Born in—										
Austria.....	199	286	480	351	274	159	81	145	254	279
Canada.....	1,195	3,703	3,337	6,919	2,398	2,890	290	186	84	84
Denmark.....	149	184	113	313	116	129	39	29	121	120
England.....	352	910	777	1,431	625	514	253	218	323	143
Finland.....	21	59	34	83	66	77	8	17	58	164
France.....	87	262	377	638	528	489	243	280	279	324
Germany.....	800	2,282	2,150	2,984	1,740	1,366	403	340	657	468
Greece.....	63	35	120	86	81	18	29	13	94	58
Ireland.....	821	1,769	1,042	2,882	1,012	1,212	273	188	389	312
Italy.....	248	280	258	294	294	1,388	80	104	593	6,712
Norway.....	82	153	102	215	67	103	22	21	187	269
Russia.....	158	388	937	350	360	65	57	30	103	73
Scotland.....	120	291	238	408	127	144	77	45	96	40
Sweden.....	222	289	248	628	256	279	64	39	369	269
Switzerland.....	127	130	128	241	84	160	33	39	194	196
Other foreign countries.....	266	736	883	982	551	534	160	265	959	1,212
MALES OF VOTING AGE										
Total number.....	5,573	12,818	11,885	19,602	9,249	8,651	4,136	4,394	14,938	10,313
Native white—Native parentage.....	1,373	4,373	3,272	6,208	2,660	1,553	5,019	2,571	1,839	1,839
Native white—Foreign or mixed parentage.....	1,874	4,751	3,498	6,063	2,506	2,463	1,239	1,156	1,450	1,721
Foreign-born white.....	2,459	4,417	4,612	6,776	3,156	3,340	1,151	1,053	4,246	6,760
Naturalized.....	1,288	2,672	2,266	4,402	1,725	1,689	589	475	1,276	1,656
Negro.....	9	8	31	68	84	88	9	28	188	77
ILLITERACY AND SCHOOL ATTENDANCE										
Total number 10 years old and over.....	11,492	31,714	25,650	44,304	21,127	22,067	8,337	8,705	20,251	18,531
Number illiterate.....	79	248	434	478	381	476	32	91	748	1,933
Illiterate males of voting age.....	32	89	209	162	222	213	20	38	320	900
Total number 6 to 29 years, inclusive.....	2,260	7,081	4,861	10,350	4,023	5,539	1,035	1,144	2,388	5,294
Number attending school.....	1,187	4,374	2,532	6,624	2,444	3,372	480	608	1,016	2,297
DWELLINGS AND FAMILIES										
Dwellings, number.....	1,631	4,861	3,575	10,255	3,226	4,793	832	1,070	1,413	2,765
Families, number.....	2,395	8,066	5,736	11,868	4,594	6,040	1,757	2,058	3,160	3,768

NOTES REGARDING CHANGES IN BOUNDARIES, ETC.

COUNTIES.

- COLUSA.—Part taken to form Glenn in 1891.
 DEL NORTE.—Part annexed to Siskiyou between 1880 and 1890.
 FRESNO.—Part taken to form Madera in 1893 and part annexed to Kings in 1909.
 GLENN.—Organized from part of Colusa in 1891.
 HUMBOLDT.—Part of Klamath annexed in 1874.
 IMPERIAL.—Organized from part of San Diego in 1907. (See also Note 1.)
 KINGS.—Organized from part of Tulare in 1893 and part of Fresno annexed in 1909.
 LAKE.—Part annexed to Napa in 1872.
 LOS ANGELES.—Part taken to form Orange in 1889.
 MADERA.—Organized from part of Fresno in 1893.
 MODOC.—Organized from part of Siskiyou in 1874.
 MONTEREY.—Part taken to form San Benito in 1874.
 NAPA.—Part of Lake annexed in 1872.
 ORANGE.—Organized from part of Los Angeles in 1889.
 RIVERSIDE.—Organized from parts of San Bernardino and San Diego in 1893.
 SAN BENITO.—Organized from part of Monterey in 1874.
 SAN BERNARDINO.—Part taken to form part of Riverside in 1893.
 SAN DIEGO.—Part taken to form part of Riverside in 1893; part taken to form Imperial in 1907. (See also Note 1.)
 SANTA BARBARA.—Part taken to form Ventura in 1871.
 SISKIYOU.—Part taken to form Modoc in 1874; part of Klamath annexed in 1874 and part of Del Norte annexed between 1880 and 1890.
 TULARE.—Part taken to form Kings in 1893.
 VENTURA.—Organized from part of Santa Barbara in 1871.

INCORPORATED PLACES.

- ALHAMBRA.—Incorporated in 1903.
 BAKERSFIELD.—Part of township 3 (Kern City) annexed in 1909.

- BERRELEY.—Parts of Oakland township annexed in 1906 and 1908.
 COLINGA.—Incorporated in 1906.
 FRESNO.—Part of township 3 annexed in 1910.
 GLENDALE.—Incorporated in 1906.
 LODI.—Incorporated in 1906.
 LOS ANGELES.—Parts of Ballona, Burbank, Cahuenga, and San Antonio townships annexed between 1890 and 1900; part of Ballona township annexed in 1906; part of Wilmington township (including San Pedro city) annexed in 1909, and parts of Burbank and Cahuenga townships annexed in 1910.
 MILL VALLEY.—Incorporated in 1900.
 OAKLAND.—Parts of Brooklyn and Oakland townships annexed in 1909.
 OCEAN PARK.—Incorporated in 1904.
 ONTARIO.—Part of Ontario township annexed in 1901.
 OROVILLE.—Incorporated in 1906.
 OXNARD.—Incorporated in 1903.
 PASADENA.—Parts of Pasadena township annexed in 1904 and 1906.
 PORTERVILLE.—Incorporated in 1902.
 RICIMONTE.—Incorporated in 1903.
 ROSEVILLE.—Incorporated in 1909.
 SAN LEANDRO.—Part of Brooklyn township annexed in 1909.

NOTE 1.—*Imperial and San Diego Counties combined.*—Total population: 1910, 75,256; 1900, 35,090; increase, 1900-1910, 40,166; per cent of increase, 114.5. Urban population—1910, 39,578; same places in 1900, 17,700; per cent of increase, 123.6. Rural population—1910, 35,678; same territory in 1900, 17,390; per cent of increase, 105.2. Urban population—1900, 17,700; rural population—1900, 17,390. Per cent in places of 2,500 or more in 1910, 52.6. Per cent in places of 2,500 or more in 1900, 50.4.

NOTE 2.—In computing this increase the population of Indian reservations in 1900 has been deducted from the total population of the county in order to make that total comparable with the total for 1890, which does not include the population of Indian reservations. The population thus deducted in the several counties was as follows: Humboldt, 1,112; Mendocino, 599; Riverside, 233; San Diego, 317; Tulare, 143.

CHAPTER 3.

STATISTICS OF AGRICULTURE FOR THE STATE AND ITS COUNTIES.

Introduction.—This chapter presents a complete statement of the statistics of agriculture for California collected at the census of 1910. Statistics of farms and farm property relate to April 15, 1910; those of farm products, expenses, and receipts are for the calendar year 1909.

Definitions.—To assist in securing comparability for its statistics of agriculture, the Bureau of the Census provided the enumerators with certain definitions and instructions, the more important of which were essentially as given below.

Farm.—A "farm" for census purposes is all the land which is directly farmed by one person managing and conducting agricultural operations, either by his own labor alone or with the assistance of members of his household or hired employees. The term "agricultural operations" is used as a general term referring to the work of growing crops, producing other agricultural products, and raising animals, fowls, and bees. A "farm" as thus defined may consist of a single tract of land, or of a number of separate and distinct tracts, and these several tracts may be held under different tenures, as where one tract is owned by the farmer and another tract is hired by him. Further, when a land owner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a "farm."

In applying the foregoing definition of a "farm" for census purposes, enumerators were instructed to report as a "farm" any tract of 3 or more acres used for agricultural purposes, and also any tract containing less than 3 acres which produced at least \$250 worth of farm products in the year 1909.

Farmer.—A "farmer" or "farm operator," according to the census definition, is a person who directs the operations of a farm. Hence owners of farms who do not themselves direct the farm operations are not reported as "farmers." Farmers are divided by the Bureau of the Census into three general classes according to the character of their tenure, namely, owners, tenants, and managers.

Farm owners include (1) farmers operating their own land only and (2) those operating both their own land and some land hired from others. The latter are sometimes referred to in the census reports as "part owners," the term "owners" being then restricted to those owning all their land.

Farm tenants are farmers who, as tenants, renters, or croppers, operate hired land only. They were reported in 1910 in three classes: (1) *Share tenants*—those who pay a certain share of the products, as one-half, one-third, or one-quarter; (2) *share-cash tenants*—those who pay a share of the products for part of the land rented by them and cash for part; and (3) *cash tenants*—those who pay a cash rental or a stated amount of labor or products, such as \$7, 10 bushels of wheat, or 100 pounds of seed cotton per acre.

Managers are farmers who are conducting farm operations for the owner for wages or a salary.

Farm land.—Farm land is divided into (1) improved land, (2) woodland, and (3) all other unimproved land. The same classification was followed in 1880. At former censuses, except that of 1880, farm land was divided into improved land and unimproved

land, woodland being included with unimproved land. *Improved land* includes all land regularly tilled or mowed, land pastured and cropped in rotation, land lying fallow, land in gardens, orchards, vineyards, and nurseries, and land occupied by farm buildings. *Woodland* includes all land covered with natural or planted forest trees, which produce, or later may produce, firewood or other forest products. *All other unimproved land* includes brush land, rough or stony land, swamp land, and any other land which is not improved or in forest. The census classification of farm land as "improved land," "woodland," and "other unimproved land" is one not always easy for the farmers or enumerators to make, and the statistics therefore must be considered at best only a close approximation.

Total value of farm products.—No attempt has been made at this census to compute or even to estimate approximately the total value of farm products. Among the numerous difficulties which stand in the way of obtaining a total which would be at once comprehensive, free from duplication, and confined exclusively to the products of a definite period of time are the following:

(1) The duplication resulting from the feeding of farm crops to farm live stock, when the value both of the products derived from such live stock and of the crops are included in the same total. In 1900 an attempt was made to eliminate this duplication by means of an inquiry as to the total value of the products of each farm fed to the live stock on that farm, but aside from the fact that this would not eliminate the duplication where the products of one farm are fed to the live stock of another farm, it is believed that the farmers were unable to make even approximately accurate answers to the inquiry, and it was accordingly not included in the schedule for 1910.

(2) The fact that farmers may buy domestic animals during the census year which are subsequently sold or slaughtered during the same year and that it is impossible to eliminate the duplication accurately; and the further fact that the value of domestic animals sold or slaughtered, or of forest products cut, during a given year (as well as some other minor items) does not usually represent a value created wholly during that year, and that it is quite impossible to ascertain the value created during the year.

(3) The fact that the returns for some products are incomplete. The returns for all products are to a considerable extent estimates made by the farmers. Special difficulty was encountered in cases where the person in possession of the farm in April, 1910, when the census was taken, was not in possession of it during the crop year 1909. In such cases the farmer was not always able to report completely and accurately the products of the land for the preceding year. It is probable that the returns for the principal crops are in general fairly accurate, but that those for minor crops and for dairy and poultry products are frequently understatements, particularly because the home consumption was disregarded or underestimated. In the belief that no accurate result could be obtained from such an inquiry, the Bureau of the Census did not even attempt to ascertain the total quantity and value of certain by-products, such as straw and cornstalks, which are of considerable importance, the schedule calling only for the value of such by-products sold.

FARMS AND FARM PROPERTY.

California ranks second in land area and twelfth in population among the states and territories of continental United States. The state is extremely diversified, both topographically and agriculturally. The elevation ranges from sea level along the western coast and in portions of the interior valleys to altitudes in excess of 14,000 feet in the Sierra Nevada Mountains. The rugged masses of the Coast Range Mountains practically parallel the entire coast of the state. From the vicinity of San Francisco southward to San Diego there are deep mountain valleys and low, sloping, or nearly level Coastal Plain areas. The soils of these areas range from heavy claylike "adobe" soils to sandy and gravelly loams.

The great central valley of California lies between the Coast Range and the Sierra Nevada Mountains. The northern portion of this valley constitutes the basin of the Sacramento River, while the southern portion constitutes the basin of the San Joaquin. The valley is everywhere practically uniform as regards its physical features. The soils immediately along the rivers are usually heavy clays and clay loams, constituting the overflow land and river flood plains. These are bordered along the foothills by loams, adobes, sandy loams, and sandy and gravelly soils, giving great variety in soil characteristics and in resultant crop adaptation. There is practically no agriculture within the Sierra Nevada Ranges aside from grazing. The portion of the state to the east of this region lies principally within the Great Basin, and mountain chains are interspersed with valleys whose floors are gravelly and sandy soils. These are practically undeveloped for agricultural purposes. In the portion of this region in the extreme northern part of the state the soil is largely composed of lavas and volcanic ash from numerous extinct volcanic craters. Within this region certain valleys are being reclaimed for agricultural uses. In the extreme southern portion of the state is a deep arid valley, some portions of which are below sea level. The soils are clays, sands, and sandy loams.

The normal annual rainfall of the state ranges from 2 or 3 inches in the southeast corner to 60 inches in the northwest corner. Except in the southeastern part of the state there is sufficient rainfall for raising grain crops without irrigation, but irrigation is practiced to some extent throughout the state.

The two maps on the opposite page show, for the different counties, the proportion of the total land area of the state which is in farms and the average value of farm land per acre. Over one-fourth (28 per cent) of the state's entire land area is in farms. The first

map shows that in 17 counties the proportion is less than 20 per cent. Eight of these counties form a contiguous group in the eastern and southeastern part of the state, 8 are in a group in the northern part, and 1, San Francisco County, is at the Golden Gate. In 11 counties scattered throughout the state the proportion is between 20 and 40 per cent; in 9, between 40 and 60 per cent; and in 15, between 60 and 80 per cent. In Merced and Solano Counties, in the west central part of the state, the proportion is between 90 and 95 per cent, while in Sutter, north of Sacramento and Yolo, it exceeds 95 per cent.

The average value of farm land per acre for the state as a whole is \$47.16, and, as shown by the second map, in only 4 counties—Trinity, Tuolumne, Calaveras, and Mariposa—is the average value less than \$10. Scattered over the state are 20 counties in which the average is between \$10 and \$25 per acre, and 14 in which it is between \$25 and \$50. The average is between \$50 and \$75 per acre in 10 counties which lie in the central and west central parts of the state; and between \$75 and \$100 in 5, 2 of which are located in the west central part and 3 in the southern part. In San Mateo County, in the west central part, the average value is between \$100 and \$125, and in San Francisco County, and in 3 counties—Los Angeles, San Bernardino, and Orange—in the southern part of the state the average is over \$125. These high values are due in part to the proximity of large cities, and in part to the large acreage in orchards. In explanation of the high average values in San Bernardino County it may be noted that only 1.6 per cent of the land area is occupied by farms and that the farm land which lies mainly in the southwestern corner of the county is devoted almost exclusively to orange culture.

Progress during the decade 1900 to 1910.—Between 1900 and 1910 there was an increase of 21.6 per cent in the number of farms, as compared with an increase of 60.1 per cent in the population. During the same time the acreage of farm land apparently decreased, the total farm acreage 897,507 acres, or 3.1 per cent, and the improved acreage 568,943 acres, or 4.8 per cent. The average size of farms decreased 20.3 per cent. The apparent falling off in farm acreage is due, at least in part, as explained in the discussion following the next table, to errors in the Twelfth Census tabulation.

During the last decade farm property, which includes land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), in-

creased in value \$818,167,000, or 102.7 per cent. This total increase is made up of increases of \$742,689,000 in the value of land and buildings, \$60,297,000 in the value of live stock, and \$15,181,000 in the value of implements and machinery. In considering the increase of values in agriculture the general increase in the prices of commodities in the last 10 years should be borne in mind.

The average value of a fully equipped farm is \$18,308, an increase of \$7,328 as compared with the average in 1900. The average value per acre of land alone rose from \$21.87 in 1900 to \$47.16 in 1910.

The following table summarizes for the state the more significant facts relating to population and land area, the number, value, and acreage of farms, and the value of all other farm property in 1910 and 1900:

NUMBER, AREA, AND VALUE OF FARMS.	1910 (April 15)	1900 (June 1)	INCREASE. ¹	
			Amount.	Per cent.
Population.....	2,377,549	1,485,053	892,496	60.1
Number of all farms.....	88,197	72,542	15,655	21.6
Approximate land area of the state.....acres.	99,617,280	99,898,880	² -281,600	.....
Land in farms.....acres.	27,931,444	28,828,951	-897,507	-3.1
Improved land in farms.....acres.	11,389,894	11,958,837	-568,943	-4.8
Average acres per farm.....	316.7	397.4	-80.7	-20.3
Value of farm property:				
Total.....	\$1,614,694,584	\$796,527,955	\$818,166,629	102.7
Land.....	1,317,195,448	630,444,960	686,750,488	108.9
Buildings.....	133,406,040	77,468,000	55,938,040	72.2
Implements and machinery.....	36,493,158	21,311,670	15,181,488	71.2
Domestic animals, poultry, and bees.....	127,599,938	67,303,325	60,296,613	89.6
Average value of all property per farm.....	\$18,308	\$10,980	\$7,328	66.7
Average value of land per acre.....	\$47.16	\$21.87	\$25.29	115.6

¹ A minus sign (-) denotes decrease.

² Due to the formation of the Salton Sea.

NOTE.—Ranges or ranches using the public domain for grazing purposes, but not owning or leasing land, were counted as farms in 1910 and 1900. They were included as owned or managed, free from mortgage, and under 3 acres in size. The counting of these ranges as farms affects all totals, averages, and percentages in which the number of farms is a factor. In 1910 there were 89 such ranges included as farms.

Irrigation.—Of the 88,197 farms in the state, 39,352, or 44.6 per cent, were irrigated in 1909. The acreage reported as irrigated in 1909 was 2,664,104 acres, or 23.4 per cent of the improved land in farms. The area to which enterprises existing in 1910 were capable of supplying water was 3,619,378 acres, and the total acreage included in irrigation projects, completed or under way, in 1910 was 5,490,360 acres.

Population, number of farms, and farm acreage: 1850 to 1910.—The table following presents, for the state as a whole for each census from 1850 to 1910, inclusive, a statement of the total population, the number of farms, and the acreage of farm land and of improved land in farms. It also gives the percentage of the land area in farms, the percentage of farm land improved, and the percentage of increase during each decade in the number of farms and in the land in farms.

CENSUS YEAR.	Popula-tion.	FARMS.		LAND IN FARMS.			Per cent of farm land in farms.	Per cent of farm land im-prov-ed.
		Num-ber.	Per cent of in-crease.	All land.		Improved land (acres).		
				Acres.	Per cent of in-crease. ¹			
1910....	2,377,549	88,197	21.6	27,931,444	-3.1	11,389,894	28.0	40.8
1900....	1,485,053	72,542	37.1	28,828,951	34.5	11,958,837	28.9	41.5
1890....	1,213,398	52,894	47.2	21,427,293	23.1	12,222,839	21.5	37.0
1880....	864,694	35,934	51.5	16,593,742	45.2	10,669,698	16.7	64.3
1870....	560,247	23,724	26.8	11,427,105	30.9	6,218,133	11.5	54.4
1860....	379,994	18,716	2,046.3	8,730,634	124.2	2,468,634	8.8	28.3
1850....	92,597	872	.....	3,863,955	.....	32,454	3.9	0.8

¹ A minus sign (-) denotes decrease.

In the 60 years since 1850 the population of the state has increased from 92,597 to 2,377,549 and is now about twenty-six times as large as 60 years ago. The absolute increase during the last decade was more than twice as great as that during any other.

The number of farms in California in 1910 was 88,197, which represents an increase of 15,655 during the last decade, as compared with an increase of 19,648 during the decade immediately preceding. In 1850 there were only 872 farms in the state, but in 1860 the number had risen to 18,716. Since that date the increase has been continuous and fairly uniform.

The land area of California is approximately 99,617,280 acres. The part of this area occupied by farms increased continuously from 3,893,985 acres in 1850 to 28,828,951 acres in 1900, but suffered an apparent decrease during the last decade to 27,931,444 acres in 1910. The area of improved land increased from 32,454 acres in 1850 to 12,222,839 acres in 1890, but during the last two decades decreases have been reported, the improved acreage falling to 11,958,837 in 1900 and to 11,389,894 in 1910.

Between 1850 and 1880 the increase in the improved acreage was much greater relatively than the increase in the total farm acreage. Thus the percentage of farm land improved was very much higher in 1880 than in 1850, being 64.3 per cent in 1880, as compared with only eight-tenths of 1 per cent at the earlier date. During the 10 years between 1880 and 1890, however, the total farm acreage made the greater relative as well as the greater absolute increase, while from 1890

to 1900 the total farm acreage showed large increases, both absolute and relative, and the improved acreage showed decreases. The percentage of farm land improved was higher in 1880 than in any other year shown in the table. The decrease in the percentage of improved land probably represents a change in the classification of land by many farmers, who in 1910 reported as "unimproved land" a large amount of acreage which they formerly called "improved." The percentage reported as improved in 1910 (40.8 per cent) is almost the same as that in 1900 (41.5), the decrease in improved acreage during the decade having been relatively about the same as the decrease in total acreage.

The falling off in total and in improved farm acreage is especially noticeable in the central valley of the state, extending from Tehama County in the north to Orange County in the south, inclusive. An error has been discovered in the total farm acreage reported for Merced, Orange, and Sacramento Counties as published in the census reports for 1900, whereby these counties were together credited with 377,091 acres too much. Eliminating this error a decrease is still shown of 520,416 acres, or 1.8 per cent in the total farm acreage of the state. This decline is probably more apparent than real. For example, certain tracts included in forest reserves in 1910 were reported as farm land in 1900, although probably used for grazing

purposes at both censuses. During the decade the land in such reserves increased approximately from 9,000,000 to 28,000,000 acres. It is worthy of note, however, that during the 10 years a remarkable decline occurred in wheat farming in California. The acreage reported as in wheat decreased from 2,683,405 in 1899 to 478,217 in 1909, a decrease of 2,205,188, or 82.2 per cent.

The falling off in improved acreage could be partly accounted for by the decrease in wheat acreage as noted above. Inasmuch as the decrease in wheat acreage was nearly four times as great as the decrease in the aggregate improved acreage, the acreage of such improved farm land as was utilized other than for the raising of wheat increased appreciably during the decade. In fact it is probable that this increase was more than great enough to offset the decrease in the wheat acreage, and that this fact would appear in the table but for the change in the classification of land by many farmers which has already been referred to, these farmers in 1910 reporting as "unimproved land" considerable acreage of the same character and used for the same purposes as that which they formerly reported as "improved."

Values of farm property: 1850 to 1910.—The agricultural changes in California since 1850, as reflected in the values of the several classes of farm property, are shown in the table which follows:

CENSUS YEAR.	FARM PROPERTY.							
	Total.		Land and buildings.		Implements and machinery.		Domestic animals, poultry, and bees.	
	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.
1910.....	\$1,614,694,584	102.7	\$1,450,601,488	104.9	\$36,493,158	71.2	\$127,599,938	89.6
1900.....	736,527,955	2.5	707,932,909	1.5	21,311,670	45.1	67,303,225	2.6
1890.....	777,381,767	149.2	697,116,630	166.0	14,689,710	73.9	165,575,427	58.0
1880.....	1,311,997,443	69.1	262,051,282	85.5	8,447,744	58.9	141,498,417	9.3
1870.....	184,521,470	112.4	141,240,628	189.9	5,316,690	107.8	37,964,752	6.7
1860.....	86,870,327	1,085.4	48,726,804	1,157.8	2,558,506	2,372.4	35,585,017	961.9
1850.....	7,828,582	.....	3,874,041	.....	103,483	.....	3,351,656	.....

¹ Includes estimated value of range animals.

The total wealth in the form of farm property is \$1,614,695,000, of which 89.8 per cent is contributed by land and buildings, 7.9 per cent by live stock, and 2.3 per cent by implements and machinery.

The value of land and buildings is \$1,450,601,000, being a little more than double that for 1900. In 1850 the value was only \$3,874,000, and has increased continuously during the whole period covered by the table. A continuous increase has occurred also in the values of live stock and of implements and machinery. In all three classes the absolute gain during the last 10 years has been much greater than that during any other decade covered by the table.

In general, the value of live stock has formed a decreasing percentage of the value of all farm property, being only 7.9 per cent in 1910, compared with 20.6 per cent in 1870 and with 45.7 per cent in 1850.

Average acreage and values per farm: 1850 to 1910.—

The changes which have taken place during the past 60 years in the average acreage of California farms and in the average values of the various classes of farm property, as well as in the average value per acre of land and buildings, are shown in the following table:

CENSUS YEAR.	Average acres per farm.	AVERAGE VALUE PER FARM. ¹				Average value of land and buildings per acre.
		All farm property.	Land and buildings.	Implements and machinery.	Domestic animals, poultry, and bees.	
1910.....	316.7	\$18,308	\$16,447	\$414	\$1,447	\$51.93
1900.....	357.4	10,980	9,759	264	24.56	24.56
1890.....	405.0	\$14,697	12,180	278	1,240	32.53
1880.....	461.8	\$8,683	7,293	235	1,155	15.79
1870.....	481.7	7,778	5,953	224	1,600	12.36
1860.....	493.4	4,642	2,693	157	1,901	5.58
1850.....	4,455.6	8,404	4,448	119	3,843	0.99

¹ Averages are based on "all farms" in state.
² Includes estimated value of range animals.

One striking characteristic of California is the great area of semiarid land utilized for grazing purposes only or left unutilized. Upon such lands are located many very large farms or ranches, and these explain in large measure the high average acreage per farm. Farms other than those used almost exclusively for grazing are not, on the average, unusually large, as compared with the average in other states. The average size of the California farm is 316.7 acres. The average decreased from 4,465.6 acres in 1850 to 466.4 acres in 1860 and then increased to 481.7 acres in 1870, since which time it has decreased continuously.

The average value of a California farm including its equipment is \$18,308, of which \$16,447 represents the value of land and buildings, \$1,447 that of live stock, and \$414 that of implements and machinery. Although the total value of live stock increased continuously during the 60 years covered by the table, the average value per farm (\$3,843) was greater in 1850 than in any later census year. This condition was due to the fact that the live stock ranches of the state were developed before the period of general farming. The present average value per farm of all farm property shows an increase, as compared with the average value in 1900 (\$10,980), which has been more than sufficient to offset the marked decrease shown for the preceding decade.

The average value of land and buildings per farm is \$16,447, while the average value per acre is \$51.93. During the last decade the average value per acre more than doubled and the average value per farm increased more than two-thirds, while during the decade 1890-1900 a considerable decrease occurred in each item. It is noteworthy that notwithstanding the decrease in the size of farms throughout most of the period covered by the table, the value of implements and machinery per farm has continuously risen, the greatest increase occurring during the last decade, when the average value per farm advanced from \$294 to \$414.

Farm tenure: 1880 to 1910.—The number of all farms, and therefore of all farm operators, is 88,197. Of the operators, 66,632 are classified as owners, 3,417 as managers, and 18,148 as tenants. Of the 66,632 owners, 56,500 operate land owned exclusively by them, while 10,132 operate land which they rent in addition to that which they own. The tenants are further distributed according to the character of their tenancy; thus 6,135 are share tenants; 704, share-cash tenants; 9,737, cash tenants; and for 1,572 no report relative to character of tenure was secured.

In 1880, 7,124, or 19.8 per cent, of the farm operators were tenants; in 1910 the number was 18,148, or 20.6 per cent. Thus the present proportion of tenancy is practically the same as in 1880. There was, however, a decided increase in this proportion from 1890, when it was 17.8 per cent, to 1900, when it was 23.1 per cent, followed by a considerable decrease during the last

decade. During this decade the absolute increase in the number of tenants was 1,388. The percentage of tenants for the state (20.6) is above the average for the Pacific division (17.2), but low in comparison with the percentage for the United States as a whole (37).

For the sake of comparison with the figures for earlier censuses the share and share-cash tenants reported in 1910 may be grouped together, and likewise the cash tenants and those for whom the form of tenancy was not stated. Throughout the whole period the cash group has constituted an increasing proportion of the total number of all tenants, being smaller than the share group in 1880 and 1890 and larger in 1900 and 1910.

The following table shows the distribution of the farms of the state according to character of tenure at each census since 1880:

TENURE.	1910	1900	1890	1880
Number of all farms.....	88,197	72,542	52,894	35,934
Farms operated by owners and managers.....	70,049	55,782	43,489	28,810
Farms consisting of owned land only.....	56,500	44,818	(1)	(1)
Farms consisting of owned and hired land.....	10,132	8,211	(1)	(1)
Farms operated by managers.....	3,417	3,253	(1)	(1)
Farms operated by tenants.....	18,148	16,760	9,405	7,124
Share tenants.....	6,135	7,056	4,831	3,915
Share-cash tenants.....	704	9,737		
Cash tenants.....	9,737	9,074	4,574	3,209
Tenure not specified.....	1,572			
Per cent of farms operated by—				
Owners and managers.....	79.4	76.9	82.2	80.2
Tenants.....	20.6	23.1	17.8	19.8
Share and share-cash.....	7.8	10.6	9.1	10.9
Cash and nonspecified.....	12.8	12.5	8.7	8.9

¹ Not reported separately.

² Share-cash tenants were doubtless largely included with share tenants in 1900, 1890, and 1880.

³ Prior to 1910 nonspecified tenants were included with cash tenants.

The following table shows the total and improved acreage and the value of land and buildings for farms operated by owners (including part owners), managers, and tenants, respectively:

FARMS OPERATED BY—	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	27,951,444	28,828,951	11,389,694	11,958,837	\$1,450,601,488	\$707,912,960
Owners.....	15,125,339	15,189,945	6,404,472	6,718,790	882,447,830	415,616,770
Managers.....	6,604,972	7,602,038	1,728,625	1,602,536	229,544,415	124,564,000
Tenants.....	6,201,133	6,036,968	3,196,797	3,637,511	338,609,243	169,732,190

The following table shows the per cent distribution by tenure groups of the items in the preceding table, and also of the number of farms:

FARMS OPERATED BY—	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	75.5	72.4	54.2	52.7	56.8	56.2	60.8	58.4
Managers.....	3.9	4.5	23.6	24.3	15.2	13.4	15.8	17.6
Tenants.....	20.6	23.1	22.2	23.0	28.1	30.4	23.5	24.0

It will be seen that in 1910, 54.2 per cent of all land in farms was in farms operated by their owners (including part owners), 23.6 per cent in farms operated by managers, and 22.2 per cent in farms operated by tenants, the percentage for owners being higher and that for managers and for tenants lower than in 1900.

As shown by the next table, the average size of farms operated by managers in 1910 (1,933 acres) was considerably more than five and one-half times as great as that of farms operated by tenants (341.7 acres), which was in turn about one and one-half times as great as that of farms operated by owners (227 acres). The average size of each class of farms decreased between 1900 and 1910. In 1910 the percentage of farm land improved was highest for farms operated by tenants, and lowest for those operated by managers.

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.		1910	1900	Per farm.		Per acre.	
	1910	1900	1910	1900			1910	1900	1910	1900
	Total.....	316.7	357.4	129.1	164.8	40.8	41.5	\$16,447	\$9,759	\$51.93	$24.56
Owners.....	227.0	289.2	97.0	127.9	42.7	44.2	13,244	7,874	58.34	27.23
Managers.....	1,933.0	1,132.5	505.8	492.6	26.2	22.9	67,177	38,292	34.73	17.79
Tenants.....	341.7	296.0	176.1	217.0	51.6	54.8	18,658	10,127	54.60	25.57

Farm mortgages: 1890 to 1910.—The Eleventh Census (1890) was the first to collect data relating to mortgage debt on farms. The basis of the returns was the "farm home" occupied by its owner. The same class of information was secured by the population schedules of the Twelfth Census (1900). The agricultural schedules of the Thirteenth Census (1910) secured practically the same information, except that the basis was "owned farms" instead of "owned farm homes"—a difference involving, however, no appreciable incomparability.

The following table relates to farms operated by persons owning all or part of the land, and shows for 1910 (1) the number of such farms reported as free from mortgage; (2) the number reported as mortgaged; and (3) the number for which no mortgage reports were secured. Comparable items are included for 1900 and 1890.

CLASS.	OWNED FARMS. ¹		OWNED FARM HOMES.		OWNED FARM HOMES. ²		INCREASE. ¹	
	1910		1900		1890		Amount.	Per cent.
	Number.	Per cent. ³	Number.	Per cent. ³	Number.	Per cent.		
Total.....	66,632		51,083		42,252			
Free from mortgage.....	39,368	59.5	33,620	67.8	28,520	67.5		
Mortgaged.....	26,749	40.5	15,979	32.2	13,732	32.5		
Unknown.....	515		1,494					

¹ Includes all farms owned in whole or in part by the operator.
² The 1,214 "owned farm homes" for which no reports were secured were distributed between "free from mortgage" and "mortgaged" in 1890.
³ Per cent of combined total of "free from mortgage" and "mortgaged."

In 1910 the total number of farms owned in whole or in part by the operators was 66,632. Of this number, 39,368 were reported as free from mortgage; 26,749 were reported as mortgaged; and for 515 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 40.5 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is considerably higher than it was in 1900 and 1890. It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 is not entirely comparable with the numbers reported at the later censuses because at the census of 1890 the farms for which no reports were secured were distributed between the two classes of mortgaged and unmortgaged farms. It can be seen, however, that from 1890 to 1900 there was a greater absolute increase in the number of farms free from mortgage than in the number mortgaged. During the last decade, however, the greater increase occurred in the number mortgaged, the increase in the latter being 10,770 and that in the number free from mortgage 5,748.

The statement of mortgage debt and of the value of mortgaged farm property is restricted to the farms of those farmers who own all of their land and report the amount as well as the fact of indebtedness. Of the 26,749 farms reported as mortgaged, 22,146 are wholly owned by the farmers, and for 21,430 of these the amount of mortgage debt is reported. Only these last-mentioned farms are included for 1910 in the next table, which presents data relating to mortgaged farms for 1910 and 1890. In this connection it should be noted that in 1890 the amount of mortgage debt of farms with incomplete reports was estimated according to the percentages and averages obtained from farms with full reports, but that no such estimate is here made for 1910. The table gives a comparative statement of the value of mortgaged farms owned entirely by their operators and the amount of indebtedness, together with the average value of such farms, the average debt per farm, and the average equity per farm for 1910 and 1890. Data regarding the amount of mortgage debt were not obtained in 1900.

	OWNED FARMS OR FARM HOMES MORTGAGED.		INCREASE. ¹	
	1910 ²		1890 ²	
	Number.	Value.	Amount.	Per cent.
Number.....	21,430	13,732		
Value—Land and buildings.....	\$250,199,190	\$154,256,808		
Amount of mortgage debt.....	\$90,086,660	\$46,767,837		
Per cent of debt to value.....	24.0	30.3		
Average value per farm.....	\$11,675	\$11,233	\$442	3.9
Average debt per farm.....	\$2,802	\$3,406	-\$604	-17.7
Average equity per farm.....	\$8,873	\$7,827	\$1,046	13.4

¹ A minus sign (-) denotes decrease.
² Includes only farms consisting wholly of owned land and reporting value of farm and amount of debt.
 Includes all owned farm homes, estimates being made of value of farms and amount of debt for all defective reports.

The average debt of mortgaged farms decreased in the 20-year period from \$3,406 to \$2,802, or 17.7 per cent, while the average value of such farms rose from \$11,233 to \$11,675, or 3.9 per cent. Thus the owner's equity increased from \$7,827 to \$8,873, or 13.4 per cent. As a result of the greater relative increase in the total farm value than in the total farm debt, the mortgage indebtedness, which was 30.3 per cent of the value of the mortgaged farm in 1890, fell to 24 per cent in 1910.

Farms by size groups: 1910 and 1900.—The following table shows the distribution of farms by size groups at the censuses of 1910 and 1900:

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
Total	88,197	72,542	15,655	21.6	100.0	100.0
Under 3 acres	1,269	1,492	-223	-14.9	1.4	2.1
3 to 9 acres	9,324	5,354	3,970	74.2	10.6	7.4
10 to 19 acres	11,832	8,295	3,536	44.9	13.5	11.4
20 to 49 acres	20,614	13,110	7,504	57.2	23.4	18.1
50 to 99 acres	10,880	8,067	2,813	32.4	12.1	11.1
100 to 174 acres	12,015	13,196	-1,181	-8.9	13.6	18.2
175 to 259 acres	4,689	4,635	54	1.2	5.3	6.4
260 to 499 acres	7,862	8,370	-508	-6.1	8.9	11.5
500 to 999 acres	5,119	5,329	-210	-3.9	5.8	7.3
1,000 acres and over	4,693	4,753	-60	-1.3	5.3	6.5

¹ A minus sign (-) denotes decrease.

Of all the farms in California, 23.4 per cent are from 20 to 49 acres in size, 13.6 per cent from 100 to 174 acres, 13.5 per cent from 10 to 19 acres, and 12.1 per cent from 50 to 99 acres. Thus over three-fifths of all the farms in the state are from 10 to 174 acres in size. About one-fourth are of 175 acres or more. A study of the distribution of farms by size groups discloses the fact that between 1900 and 1910 the greatest absolute gain (7,504) occurred in those from 20 to 49 acres in size, while the greatest relative gain (74.2 per cent) took place in those from 3 to 9 acres. The number of places reported as farms of "under 3 acres" decreased 223, and now represents but 1.4 per cent of the total number of farms. This falling off may be due to a different interpretation made by the enumerators as to what constitutes a small farm, or may represent an actual decrease in the number of farms of that type.

Each of the five groups of farms of 100 acres and over shows a decrease, with the exception of the "175 to 259 acre" group, which group, although increasing in number, constituted a smaller proportion of all farms in 1910 than in 1900. An increase is reported for each of the groups embracing farms of from 3 to 99 acres. This increase in the relative number of the smaller farms in conjunction with the decline in aggregate farm acreage during the decade indicates a tendency to subdivide the large farms into smaller ones.

The following table shows the total and improved acreage and the value of land and buildings for farms of various size groups, consolidating into one group the farms of less than 20 acres (numbering in all

22,525), and also the farms of between 175 and 499 acres (numbering 12,551):

SIZE GROUP (ACRES).	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total	27,931,444	28,828,951	11,389,894	11,958,837	\$1,450,601,488	\$707,812,960
Under 20	200,822	144,439	189,670	132,355	133,881,517	53,390,550
20 to 49	625,954	385,844	558,296	339,866	192,799,674	70,970,890
50 to 99	752,951	578,102	600,140	422,050	149,204,205	59,248,850
100 to 174	1,709,459	1,845,422	972,519	951,867	161,032,374	74,150,220
175 to 499	3,816,706	5,998,456	2,226,957	2,266,008	271,773,253	127,743,720
500 to 999	3,535,598	3,685,027	1,846,502	2,036,223	164,156,673	87,544,830
1,000 and over	17,289,954	18,091,060	4,905,801	5,810,429	377,663,732	234,863,800

The following table shows the per cent distribution, by size groups, of the items presented in the preceding table, and also of the number of farms:

SIZE GROUP.	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres	25.5	20.8	0.7	0.5	1.7	1.1	9.2	7.5
20 to 49 acres	23.4	18.1	2.2	1.3	4.9	2.8	13.3	10.0
50 to 99 acres	12.1	11.1	2.7	2.0	5.3	3.5	10.3	8.4
100 to 174 acres	13.6	18.2	6.1	6.7	8.5	8.0	11.1	10.5
175 to 499 acres	14.2	17.9	13.7	13.9	19.6	18.9	18.7	18.0
500 to 999 acres	5.8	7.3	12.7	12.8	16.2	17.0	11.3	12.4
1,000 acres and over	5.3	6.5	61.9	62.8	43.9	48.6	26.0	33.2

Of the total farm acreage of the state in 1910, 61.9 per cent was in farms of 1,000 acres and over, this being from the standpoint of aggregate acreage the most important size group, although it comprised only 5.3 per cent of the total number of farms. Between 1900 and 1910 there was an increase in the proportion of the total acreage which was in farms of each size group less than 100 acres and a decrease in the proportion in farms of each size group 100 acres or more.

In general, as shown by the next table, the percentage of farm land improved diminishes as the size of the farms increases. For this reason and also because buildings have normally a higher value in proportion to farm acreage on small than on large farms, the average value of land and buildings per acre of land also diminishes with the increase in the size of the farms; it is very much higher for the farms under 20 acres in size than for those of any other group.

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	1910	1900	Per farm.		Per acre.	
			1910	1900	1910	1900
Total	40.8	41.5	\$16,447	\$9,759	\$51.93	\$24.56
Under 20 acres	94.4	91.7	5,944	3,540	666.67	369.64
20 to 49 acres	89.2	88.1	9,353	5,413	308.01	183.94
50 to 99 acres	79.7	73.0	13,988	7,345	198.41	102.49
100 to 174 acres	56.9	48.9	13,403	5,007	94.20	38.12
175 to 499 acres	28.3	35.7	21,854	9,823	71.21	31.86
500 to 999 acres	52.2	55.3	32,068	16,428	46.43	23.76
1,000 acres and over	28.9	32.1	80,453	49,414	21.84	12.88

Color and nativity of farmers: 1910.—Prior to the Thirteenth Census no attempt was made to secure information on the farm schedules concerning the nativity of farmers. The following table shows the color and nativity of farm operators by character of tenure for 1910:

COLOR AND NATIVITY.	FARM OPERATORS.							
	Total.		Own-ers.	Ten-ants.	Man-agers.	Per cent of total.		
	Num-ber.	Per cent dis-tri-bu-tion.				Own-ers.	Ten-ants.	Man-agers.
Total.....	88,197	100.0	66,632	18,148	3,417	75.5	20.6	3.9
Native white.....	58,926	66.8	45,780	10,505	2,641	77.7	17.8	4.5
Foreign-born white.....	26,193	29.7	19,914	5,565	714	76.0	21.2	2.7
Negro and other nonwhite.....	3,078	3.5	938	2,078	62	30.5	67.5	2.0

DOMESTIC ANIMALS, POULTRY, AND BEES.

Domestic animals on farms: 1910.—The census of 1910 was taken as of April 15 and that of 1900 as of June 1. Since a great many domestic animals are born during the six weeks between April 15 and June 1, and on the other hand a considerable number of older animals are slaughtered or die during the same period, the numbers of the different classes of animals for the two censuses are not closely comparable, and the same is true in somewhat less degree of the values. For this reason the figures for 1900 are not presented in this chapter, but in the general reports of the census the figures for the several states will be presented and the extent to which their comparability is affected by the change in the date of enumeration will be discussed.

Of the total number of farms enumerated, 80,304, or 91.1 per cent, report domestic animals of some kind, the number without any domestic animals being 7,893.

Cattle are reported by 71.5 per cent of all farms, "dairy cows" by 69.3 per cent, and "other cows" by 18.3 per cent. The average number of "dairy cows" per farm reporting such cows is less than 8, while the average number of "other cows" per farm reporting is about 36. Each class of cattle, excepting calves, increased in number materially during the last decade. The census of 1900 was taken as of June 1, after all the spring calves were born, while that of 1910 was taken as of April 15, before the close of the calving season and when the calves on hand were on the average younger than at the enumeration of 1900. As a result the calves enumerated were fewer in number and of lower average value in 1910 than in 1900, the number decreasing from 329,430 to 267,799, and the average value decreasing from \$8.49 to \$7.03.

Horses are reported by 86.3 per cent of all the farms in the state. It may be noted that only 19.1 per cent report colts born in 1909 and 12.9 per cent report spring colts. The average value of mature horses is considerably more than twice that reported in 1900.

More than two-thirds (66.8 per cent) of the California farmers were native whites and about three-tenths (29.7 per cent) foreign-born whites. Only 3,078, or 3.5 per cent of all farmers, were nonwhites. Of these, 1,816 were Japanese, 591 Indians, 512 Chinese, and 159 negroes. It is interesting to note the form of tenure under which these different classes hold land. Of the native white farmers, 17.8 per cent were tenants; of the foreign-born white, 21.2 per cent; and of the nonwhite, 67.5 per cent.

Of a total of 26,193 foreign-born white farmers in California in 1910, 4,669 were born in Germany, 2,457 in Italy, 2,365 in England, and 2,124 in Canada. Other European countries were represented by a total of 13,531 farmers, and non-European countries, other than Canada, by 1,047.

The following table summarizes the statistics of domestic animals on farms for the state, recorded as of April 15, 1910. Cattle and sheep are divided into age and sex groups, while horses, mules, and swine are presented by age groups only.

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Per cent of all farms.	Number.	Value.	Average value.
Total.....	80,304	91.1	.....	\$123,024,652	.....
Cattle.....	63,053	71.5	2,077,025	\$2,785,066	\$25.41
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	61,101	69.3	467,332	18,597,328	39.79
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	16,116	18.3	576,909	14,798,012	25.65
Heifers born in 1909.....	24,492	27.6	218,480	3,448,595	15.78
Calves born after Jan. 1, 1910.....	30,126	34.2	267,799	1,883,523	7.03
Steers and bulls born in 1909.....	11,934	13.5	163,728	2,889,503	17.65
Steers and bulls born before Jan. 1, 1909.....	11,601	13.2	321,984	9,941,169	30.87
Unclassified cattle.....	93	0.1	60,793	1,226,938	20.18
Horses.....	76,119	86.3	468,886	47,099,196	100.45
Mares, stallions, and geldings, born before Jan. 1, 1910.....	75,911	86.1	402,584	43,770,557	108.72
Colts born in 1909.....	16,513	19.1	41,927	2,889,191	56.98
Colts born after Jan. 1, 1910.....	11,364	12.9	23,037	767,648	33.32
Unclassified horses.....	11	(1)	1,338	171,800	128.40
Mules.....	11,015	12.5	69,761	9,016,444	129.25
Mules born before Jan. 1, 1910.....	10,059	11.4	61,997	8,552,021	137.94
Mule colts born in 1909.....	1,761	2.0	4,913	351,667	71.58
Mule colts born after Jan. 1, 1910.....	1,271	1.4	2,851	112,756	39.65
Asses and burros.....	1,099	1.2	2,592	347,315	133.99
Swine.....	31,609	35.8	766,551	5,106,803	6.66
Hogs and pigs born before Jan. 1, 1910.....	27,585	31.3	482,810	4,346,824	9.00
Pigs born after Jan. 1, 1910.....	16,143	18.3	283,741	759,979	2.68
Sheep.....	3,857	4.4	2,417,477	8,348,997	3.45
Ewes born before Jan. 1, 1910.....	3,390	3.8	1,217,515	4,914,783	4.04
Rams and wethers born before Jan. 1, 1910.....	2,204	2.5	307,773	1,326,699	4.31
Lambs born after Jan. 1, 1910.....	3,028	3.4	892,189	2,107,515	2.36
Goats.....	1,714	1.9	138,413	320,823	2.32

¹ Less than one-tenth of 1 per cent.

Mules are reported by about one farm out of every eight, and the number of this class of animals is 14.9 per cent of the number of horses. The average values of mules are considerably higher than those of horses of corresponding ages.

Sheep and lambs are reported from 3,857 farms, or 4.4 per cent of all the farms in the state. Of these farms, 78.5 per cent report spring lambs, the number of the latter being equal to 73.3 per cent of the number of ewes. Ewes are reported from 3,390 out of the 3,857 farms reporting sheep, the average number being about 359 per farm. The figures for the farms reporting rams and wethers show an average of about 140 per farm. The average size of the flock, excluding spring lambs, was about 395 in 1910, as compared with about 477 in 1900.

Of all farms, 35.8 per cent report swine, the average number being about 24 per farm reporting. Only 18.3 per cent of all farms report spring pigs, owing doubtless to the early date of enumeration. The average value of the swine reported under the head of "hogs and pigs born before January 1, 1910," is \$9.

Poultry on farms: 1910 and 1900.—The following table gives the numbers of the various kinds of poultry reported in 1910 and 1900, together with their value, and the number of farms reporting each kind in 1910:

KIND.	1910 (April 15)			1900 (June 1)	
	Farms reporting.		Number of fowls.	Value.	Number of fowls.
	Number.	Per cent of all farms.			
Total.....	66,251	75.1	6,087,267	\$3,844,526	4,196,466
Chickens.....	66,051	74.9	5,065,964	3,237,049	3,947,300
Turkeys.....	11,827	13.5	116,602	258,033	158,356
Ducks.....	3,006	4.1	40,061	28,325	62,293
Geese.....	2,567	2.9	14,195	18,609	28,419
Guinea fowls.....	760	0.9	2,920	1,993	(*)
Pigeons.....	2,152	2.4	246,065	69,254	(*)
Ostriches.....	10	(*)	1,052	220,340	198
All other ⁴	39	(*)	378	1,923	(*)

¹ Included with chickens.

² Not reported.

³ Less than one-tenth of 1 per cent.

⁴ Thirty-one farms report 288 peafowls, valued at \$1,431; 7 farms report 87 pheasants, valued at \$342; 1 farm reports 3 India jungle fowls, valued at \$150.

The number of farms on California farms increased from 4,196,000 in 1900 to 6,087,000 in 1910, or 45.1 per cent during the last decade, while the value shows an increase from \$1,902,000 to \$3,845,000, or 102.1 per cent. The increase in the number of fowls was confined almost entirely to chickens, a decrease being reported in 1910 for each of the other classes for which there are comparable figures, except ostriches. Pigeons, an important class in 1910, were not reported in 1900. The number of farms reporting poultry increased from 55,479 to 66,251, or 19.4 per cent, and the average number of fowls per farm reporting

increased from 76 to 92. The value of poultry and the number of farms reporting were obtained in 1900 for the total of all fowls only, and not for each kind as in 1910.

Bees on farms: 1910 and 1900.—The number of farms reporting bees has decreased from 6,915 in 1900 to 6,870 in 1910, or 0.7 per cent. The number of colonies of bees increased from 129,444 to 201,023, or 55.3 per cent, and their value increased from \$363,885 to \$729,793, or 100.6 per cent. The average value of bees per farm reporting was \$52.62 in 1900 and \$106.23 in 1910. About eight farms in every hundred report bees.

Domestic animals not on farms: 1910.—Most of the domestic animals not on farms are found in cities, towns, and villages. Statistics for such animals are shown below. No provision was made by law to secure data pertaining to poultry and bees not on farms. In the table below age groups are omitted for the sake of brevity.

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total.....	56,987		\$18,797,015	
All cattle.....	21,323	46,176	1,604,717	\$34.75
Dairy cows.....	20,497	29,962	1,321,897	44.12
Horses.....	45,708	132,521	15,142,841	114.27
Mules.....	1,519	19,012	1,638,381	154.39
Asses and burros.....	449	1,057	45,114	42.68
Swine.....	1,506	12,168	100,761	8.28
Sheep.....	214	64,631	232,572	3.60
Goats.....	1,477	7,113	32,629	4.39

As would be expected, horses are by far the most important class of domestic animals not on farms both in number and value; sheep rank second in importance in point of number, while mules rank second in value.

Domestic animals on farms and not on farms: 1910.—The following table gives the total number and value of domestic animals, distinguishing those on farms from those not on farms:

KIND.	DOMESTIC ANIMALS.					
	Total.		On farms.		Not on farms.	
	Number.	Value.	Number.	Value.	Number.	Value.
Total.....		\$141,821,667		\$123,024,652		\$18,797,015
All cattle.....	2,123,201	54,389,785	2,077,025	52,785,068	46,176	1,604,717
Dairy cows.....	497,294	19,919,225	364,332	18,597,328	29,962	1,321,897
Horses.....	604,407	62,242,637	518,386	47,099,186	132,521	15,142,841
Mules.....	80,373	10,654,825	69,761	9,016,444	10,612	1,638,381
Asses and burros.....	3,649	392,429	2,592	347,315	1,057	45,114
Swine.....	778,719	5,207,564	765,551	5,106,803	12,168	100,761
Sheep.....	2,482,108	8,531,569	2,417,477	8,248,997	64,631	232,572
Goats.....	145,626	353,458	138,413	320,829	7,113	32,629

The total value of all domestic animals in the state in 1910 was \$141,822,000, of which the value of animals not on farms constituted 13.3 per cent.

LIVE STOCK PRODUCTS.

The returns for live stock products obtained at the census of 1910, like those for crops, relate to the activities of the calendar year 1909. It is impossible to give a total representing the annual production of live stock products for the reason that, as shown elsewhere, the total value of products from the business of raising domestic animals for use, sale, or slaughter can not be calculated from the census returns. Even if this value could be ascertained and were added to the value of the crops the sum would not correctly represent the total value of farm products, because, as already more fully explained, duplication would result from the fact that part of the crops are fed to the live stock.

Dairy products 1909 and 1899.—The following table shows the principal statistics relative to dairy products in 1909, with certain comparative statistics for 1899:

	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Number.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	61,101	69.3	467,332	Head..	.....	.....
On farms reporting dairy products in 1909.....	46,376	52.6	408,812	Head..	.....	.....
On farms reporting milk produced in 1909.....	42,112	47.7	315,385	Head..	.....	.....
Specified dairy products, 1909:						
Milk reported.....	.....	.....	154,901,956	Gals ..	.....	.....
Butter made.....	31,345	35.5	15,301,874	Lbs. ..	\$4,085,992	\$0.27
Cheese made.....	480	0.5	2,777,878	Lbs. ..	883,494	0.14
Milk sold.....	5,906	6.7	45,333,432	Gals ..	7,346,176	0.16
Cream sold.....	3,133	3.6	3,397,061	Gals ..	2,361,921	0.84
Butter fat sold.....	5,906	6.2	19,176,719	Lbs. ..	5,766,394	0.30
Butter sold.....	12,911	14.6	10,285,583	Lbs. ..	2,763,392	0.27
Cheese sold.....	183	0.2	2,513,845	Lbs. ..	345,414	0.14
Total receipts from sales, 1909.....	.....	.....	.....	.....	19,083,297	.....
Total value of milk, cream and butter fat sold and cheese made, 1909.....	.....	.....	.....	.....	20,443,977	.....
Specified dairy products, 1899:						
Butter made.....	32,088	44.2	20,833,360	Lbs. ..	.....	.....
Cheese made.....	430	0.6	4,249,888	Lbs. ..	.....	.....
Butter sold.....	.....	.....	15,236,667	Lbs. ..	2,903,714	0.19
Cheese sold.....	.....	.....	3,989,893	Lbs. ..	364,456	0.09

The number of farms reporting dairy cows on April 15, 1910, was 61,101, but only 46,376 reported dairy products in 1909. That there should be this difference is not surprising. Doubtless some farmers who had dairy cows in 1910 had none in 1909, while other farmers neglected to give information for the preceding year, or were unable to do so, perhaps because the farm was then in other hands. Dairy products in general are somewhat less accurately reported than the principal crops. This is particularly the case as regards the quantity of milk produced. The number of farms which made any report of milk

produced during 1909 was 42,112 (somewhat less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 315,000. The amount of milk reported was 154,902,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 491 gallons per cow. In considering this average, however, it should be borne in mind that the quantity of milk reported is probably deficient and that the distinction between dairy and other cows is not always strictly observed in the census returns.

By reason of the incompleteness of the returns for milk produced, the Census Bureau has made no attempt to determine the total value of dairy products for 1909. For convenience a partial total has been presented comprising the reported value of milk, cream, and butter fat sold and the reported value of butter and cheese made, whether for home consumption or for sale. The total thus obtained for 1909 is \$20,444,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

Less than one-third of the milk reported as produced by California farmers in 1909 was sold as such. Large quantities of milk and cream were sold on the butter fat basis. The butter made on farms in 1909 was valued at \$4,086,000.

Comparisons are made between 1909 and 1899 for but few of the census items relating to dairy products, for the reason that in 1899 estimates were made for farms with incomplete reports, which was not done at the census of 1910. The figures for milk produced and milk sold are particularly affected, but those for butter and cheese are approximately comparable. The table shows a material decrease between 1899 and 1909 in the amount of butter made, and a still greater relative decrease in the production of cheese.

Wool: 1909 and 1899.—The next table gives statistics as to the production of wool on farms, the figures being partly based on estimates.¹

¹ Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 1,434 farmers who reported the possession of 214,485 sheep of shearing age on April 15, 1910, without reporting any wool produced in 1909. Probably in a large proportion of cases this failure was due to the fact that they did not have these sheep, or did not occupy the same farm, during the preceding year. The returns of farms reporting wool in 1909 but no sheep of shearing age on April 15, 1910, would partially make up this deficiency, but it is believed that in many cases enumerators, having found that a farm had no sheep in 1910, omitted the inquiry as to wool produced in 1909 and thus missed more or less wool actually produced. It is a fairly safe assumption that the entire production of wool in 1909 bore the same relation to the entire number of sheep of shearing age on April 15, 1910, as the production of wool on those farms reporting both production and sheep bore to the number of sheep reported on such farms. Statistics for this group of farms are given in the table, and the total wool product, estimated on the basis of the above assumption, is also given.

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910..	3,546	1,525,288			
Wool produced, as reported, 1909.....	2,236		2,275,389	12,516,274	\$2,145,107
On farms reporting sheep April 15, 1910.....	2,112	1,310,803	2,202,421	12,086,934	2,083,092
On other farms.....	124		72,968	429,340	62,015
Total production of wool (partly estimated):					
1909.....			2,562,800	14,064,703	2,423,946
1899.....			2,832,305	13,630,495	1,707,088
Increase, 1899 to 1909 ¹			-319,505	384,208	716,858
Per cent of increase ¹			-11.1	2.8	42.0

¹ A minus sign (-) denotes decrease.

The total number of sheep of shearing age in California on April 15, 1910, was 1,525,000, representing a decrease of 11.6 per cent as compared with the number on June 1, 1900 (1,725,000). The approximate production of wool during 1909 was 2,563,000 fleeces, weighing 14,065,000 pounds and valued at \$2,424,000. Of these totals about 11 per cent represents estimates. The number of fleeces produced in 1909 was 11.1 per cent less than in 1899. The average weight per fleece in 1909 was 5.5 pounds, as compared with 4.7 pounds in 1899, and the average value per pound was 17 cents, as compared with 12 cents in 1899.

Goat hair and mohair: 1909 and 1899.—Although 1,714 farmers reported 138,413 goats and kids on their farms April 15, 1910, only 367 reported the production of goat hair or mohair during 1909. These farmers reported 102,134 fleeces, weighing 282,596 pounds and valued at \$60,821. The production showed a considerable increase between 1899 and 1909. Many farmers who have goats do not produce goat hair or mohair, but it is believed that the report is somewhat short of the actual production.

Poultry products: 1909 and 1899.—The total number of fowls on California farms on April 15, 1910, was 6,087,000. Of the 66,251 farms reporting fowls, 14,180 did not report any eggs produced in 1909, and 18,136 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 35,908,000 dozens, valued at \$8,983,000. According to the Twelfth Census reports the production of eggs in 1899 was 24,444,000 dozens, the value being \$3,865,000. The latter figures, however, are somewhat in excess of the actual returns at

that census, because they include estimates made to cover those cases where the schedule reported fowls on hand without reporting the production of eggs. In order to make the returns for 1909 comparable with those published for 1899 similar estimates have been made, the method of estimate and the justification therefor being substantially the same as in the case of wool. The total production of eggs in 1909, including these estimates, was 41,022,000 dozens, valued at \$10,263,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 8,431,000 fowls, valued at \$4,421,000.

The statement below gives data relative to the production and sale of eggs and poultry:

	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowls on farms April 15, 1910.....	66,251	6,087,267		
On farms reporting eggs produced in 1909.....	52,071	5,380,858		
On other farms.....	14,180	706,409		
Eggs produced, as reported, 1909.....	52,677		Dozens.	
Total production of eggs (partly estimated):			35,907,973	\$8,983,204
1909.....			41,022,395	10,262,694
1899.....			24,443,540	3,864,679
Increase, 1899 to 1909.....			16,578,855	6,398,015
Per cent of increase.....			67.8	165.6
Eggs sold, as reported, 1909.....	36,621		26,867,687	6,717,426
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	48,115	5,123,648		
On other farms.....	18,136	963,619		
Poultry raised, as reported, 1909.....	49,170		No. of fowls.	
Total poultry raised (partly estimated):			7,096,339	3,720,744
1909.....			8,430,968	4,420,515
1899.....				2,492,067
Increase, 1899 to 1909.....				1,928,448
Per cent of increase.....				77.4
Fowls sold, as reported, 1909.....	27,492		3,678,208	2,018,856

Honey and wax: 1909.—Although, as noted elsewhere, 6,870 farms reported 201,023 colonies of bees on hand April 15, 1910, 2,782 of these farms, with 21,397 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 10,264,715 pounds of honey, valued at \$631,529, and 126,445 pounds of wax, valued at \$33,838; the true totals are doubtless somewhat above these figures.

Sale or slaughter of domestic animals on farms: 1909 and 1899.—The next statement presents statistics relating to the sale or slaughter of domestic animals by California farmers during the year 1909, with certain items for 1899.

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Percent of all farms.		Total.	Average.
1909—All domestic animals:					
Sold.....				\$31,130,113	
Slaughtered.....				2,497,007	
Cattle:					
Sold.....	16,882	19.1	147,467	1,012,253	\$6.86
Slaughtered.....	4,767	5.4	50,538	328,033	6.49
Other cattle:					
Sold.....	19,775	22.4	548,920	17,577,236	32.02
Slaughtered.....	4,054	4.6	36,319	961,211	26.47
Horses sold.....	7,955	9.0	28,989	3,376,965	116.49
Mules sold.....	1,627	1.8	8,916	1,201,849	134.80
Asses and burros sold.....	62	0.1	166	20,576	124.55
Swine:					
Sold.....	13,665	15.4	478,678	4,561,520	10.16
Slaughtered.....	15,337	17.4	82,270	1,053,424	12.80
Sheep:					
Sold.....	1,713	1.9	815,960	3,024,931	3.71
Slaughtered.....	919	1.0	35,915	142,672	3.97
Goats:					
Sold.....	274	0.3	19,751	54,683	2.77
Slaughtered.....	335	0.4	4,001	11,667	2.92
1899—All domestic animals:					
Sold.....				13,305,165	
Slaughtered.....				2,449,820	

¹ Schedules called for receipts from sales of animals raised on the farms reporting.

The total value of domestic animals sold during 1909 was \$31,130,000 and that of animals slaughtered

on farms \$2,497,000, making an aggregate of \$33,627,000. This total, however, involves considerable duplication, resulting from the resale or slaughter of animals which had been purchased by the farmers during the same year. More than one-half of this aggregate represents cattle (excluding calves) sold.

The value of the cattle (including calves) sold during 1909 represented somewhat less than three-fifths of the total value of all animals sold, and the value of the swine sold represented less than one-sixth of the total.

The census of 1900 called for the receipts from the sale of all domestic animals raised on the farms reporting and the value of those slaughtered during the year 1899, which amounted, respectively, to \$13,305,000 and \$2,450,000. The item of sales is not closely comparable with that for 1909, when the inquiry covered all sales whether of animals raised on the farms reporting or elsewhere. It is believed, however, that in many cases the returns for 1899 also included receipts from sales of animals not actually raised on the farms reporting.

CROPS.

Summary: 1909 and 1899.—The following table summarizes the census data relative to all of the farm crops of 1909 and 1899. It includes not only general farm crops, but also flowers and plants, nursery products, and forest products of farms. In comparing one year with the other it should be borne in mind that acreage is on the whole a better index of the

general changes or tendencies of agriculture than either the quantity or the value of the crops, since variations in quantity may be due largely to temporarily favorable or unfavorable climatic conditions, and variations in the value of the crops are largely affected by changes in prices. (See also discussion of "Total value of farm products.")

	ACRES.				PER CENT OF IMPROVED LAND OCCUPIED.		VALUE OF PRODUCTS.						
	1909	1899	Increase. ¹		1909	1899	1909	1899	Increase. ¹		Per cent of total.		
			Amount.	Per cent.					Amount.	Per cent.	1909	1899	
All crops.....								\$153,111,013	\$95,365,712	\$57,745,301	60.6	100.0	100.0
Crops with acreage reports.....	4,924,733	6,434,434	-1,509,701	-23.5	43.2	53.8	100,409,639	64,583,063	35,825,976	55.5	65.6	67.7	
Cereals.....	1,970,492	4,004,254	-2,033,762	-50.8	17.3	33.5	28,039,826	33,674,733	-5,634,907	-16.7	18.3	35.3	
Other grains and seeds.....	163,776	49,219	114,557	232.7	1.4	0.4	6,517,453	1,116,678	5,400,775	483.6	4.3	1.2	
Hay and forage.....	2,533,347	2,239,601	293,746	13.1	22.2	18.7	42,187,215	19,456,398	22,730,817	117.1	27.6	20.4	
Tobacco.....	4	27	-23	(²)	(²)	(²)	479	4,352	-3,873	-89.0	(²)	(²)	
Cotton (including cotton seed).....	324		324		(²)	(²)	12,776		12,776		(²)	(²)	
Hemp.....	300	500	-200	-40.0	(²)	(²)	39,000	45,000	-6,000	-13.3	(²)	(²)	
Hops.....	8,391	6,890	1,501	21.8	0.1	0.1	1,734,110	925,319	808,791	87.1	1.1	1.0	
Broom corn.....	1,023	1,669	-646	-38.7	(²)	(²)	32,509	40,506	-7,997	-19.7	(²)	(²)	
Sugar crops.....	79,604	41,382	38,222	92.4	0.7	0.3	4,335,358	1,554,134	2,781,224	179.0	2.8	1.6	
Sundry minor crops.....	7	4,919	-4,912	-99.9	(²)	(²)	849	103,585	-102,745	-99.2	(²)	(²)	
Potatoes and sweet potatoes and yams.....	72,799	43,705	29,094	66.6	0.6	0.4	5,235,073	2,773,140	2,461,933	88.8	3.4	2.9	
Other vegetables.....	79,163	32,401	46,762	144.3	0.7	0.3	6,886,888	2,858,832	4,028,053	140.9	4.5	3.0	
Flowers and plants and nursery products.....	5,816	3,586	2,230	62.2	0.1	(²)	3,601,301	1,138,975	2,462,326	216.2	2.4	1.2	
Small fruits.....	9,687	6,281	3,406	54.2	0.1	0.1	1,789,214	911,411	877,803	96.3	1.2	1.0	
Crops with no acreage reports.....							52,701,974	30,782,649	21,919,325	71.2	34.4	32.3	
Seeds.....							890,758	191,293	699,465	318.6	0.5	0.2	
Fruits and nuts.....							48,917,655	28,809,830	20,107,825	69.8	31.9	30.2	
Forest products of farms.....							2,949,732	1,724,378	1,225,354	71.1	1.9	1.8	
Miscellaneous.....							33,829	57,148	-23,319	-40.8	(²)	0.1	

¹ A minus sign (-) denotes decrease.

² Per cent not calculated when base is less than 100.

³ Less than one-tenth of 1 per cent.

⁴ Includes value of raisins and other dried fruits, wine, cider, vinegar, etc.

The total value of crops in 1909 was \$153,111,000. Of this amount, 65.6 per cent was contributed by crops for which the acreage as well as the value was reported, the remainder consisting of the value of by-products (straw, garden, and grass seeds, etc.) derived from the same land as other crops reported, or of orchard fruits, nuts, forest products, and the like. The combined acreage of crops for which acreage was reported was 4,924,733, representing 43.2 per cent of the total improved land in farms (11,389,894 acres). Most of the remaining improved land doubtless consisted of improved pasture, land lying fallow, house and farm yards, and land occupied by orchards and vineyards, the acreage for which was not reported.

The general character of California agriculture is indicated by the fact that somewhat less than one-fifth (18.3 per cent) of the total value of crops in 1909 was contributed by the cereals, somewhat less than one-third (31.9 per cent) by fruits and nuts, and more than one-fourth (27.6 per cent) by hay and forage. The remainder, representing 22.2 per cent of the total, consisted mostly of potatoes and other vegetables, grains and seeds, other than cereals, sugar crops, and flowers and plants and nursery products.

The total value of crops in 1909 was 60.6 per cent greater than in 1899, this increase being no doubt due in part to higher prices. There was a decrease of 23.5 per cent in the total acreage of crops for which acreage was reported, the greatest decrease amounting to more than two millions of acres being reported for cereals, while all the other important crops showed increases in acreage, the greatest absolute increase being that in the acreage of hay and forage.

General farm crops, minor grains and seeds, and sundry minor crops: 1879 to 1909.—The leading crops covered by the table, in the order of their importance as judged by value, are hay and forage, \$42,187,000; barley, \$17,185,000; wheat, \$6,324,000; dry edible beans, \$6,295,000; and potatoes, \$4,879,000. It should be noted, however, that some of the crops reported in other tables are more important than wheat, dry edible beans, or potatoes.

The combined acreage of the cereals is hardly four-fifths that of hay and forage, while the value of the crop is only about two-thirds as great. Barley is the leading cereal, both its acreage and value being about three-fifths those of all cereals combined. Wheat ranks second, with an acreage approximately one-fourth that of all cereals combined, while the value of the crop is more than one-fifth as great. Oats, corn, and kafir corn and milo maize rank in the order named in both acreage and value.

Of the hay and forage crops, by far the most important is "grains cut green." The acreage of this

crop represents considerably more than three-fifths of the total acreage in hay and forage, and the value is about one-half that of the entire hay and forage crop. Of the remaining crops, "alfalfa," "wild, salt, or prairie grasses," and "other tame or cultivated grasses" are the most prominent, both in acreage and in value.

Dry edible beans, potatoes, and hops are among the principal crops, when value is considered. Dry edible beans have an acreage more than one-eighth as great as barley, the leading cereal, and a value more than one-third as great. Potatoes, with an acreage but little more than one-twentieth as great as that of barley, show a value considerably more than one-fourth as great. Hops, with a very small acreage, show a value over one-tenth that of barley.

The following table presents statistics for 1909 regarding cereals, other grains and seeds, hay and forage, potatoes, tobacco, cotton, hemp, hops, broom corn, and sundry minor crops:

CROP.	Farms reporting.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unit.	
Cereals, total.		1,970,492	39,105,917	Bu.	\$28,039,826
Corn.....	5,728	51,935	1,273,901	Bu.	1,077,411
Oats.....	2,477	192,158	4,143,688	Bu.	2,637,047
Wheat, total.....	4,678	478,217	6,203,206	Bu.	6,323,983
Common winter.....	3,739	426,405	5,340,574	Bu.	5,483,204
Common spring.....	964	51,352	857,543	Bu.	840,779
Durum or macaroni.....	7	440	5,089	Bu.	5,777
Emmer and spelt.....	19	849	19,755	Bu.	13,758
Barley.....	7,537	1,195,158	26,441,954	Bu.	17,184,593
Buckwheat.....	26	849	14,681	Bu.	11,869
Rye.....	193	7,027	70,683	Bu.	65,846
Kafir corn and milo maize.....	2,521	44,308	938,049	Bu.	725,704
Other grains and seeds with acreage report, total¹		163,778	3,467,885	Bu.	6,517,453
Dry edible beans.....	3,054	157,957	3,328,218	Bu.	6,295,457
Horse beans.....	67	159	5,534	Bu.	5,659
Dry peas.....	262	2,959	55,468	Bu.	101,046
Peanuts.....	42	99	2,991	Bu.	2,889
Flaxseed.....	8	249	1,882	Bu.	3,224
Mustard seed.....	66	1,964	63,365	Bu.	100,731
Sorghum cane seed.....	14	103	1,147	Bu.	1,997
Sunflower seed.....	21	257	6,855	Bu.	6,264
Seeds with no acreage report, total.....		(3)	337	Bu.	800,758
Timothy seed.....	4	(3)	310	Bu.	1,063
Clover seed.....	10	(3)	310	Bu.	2,823
Alfalfa seed.....	347	(3)	23,791	Bu.	200,823
Other tame grass seed.....	5	(3)	1,077	Bu.	1,323
Flower and garden seeds.....	109	(3)	.....	Bu.	594,724
Hay and forage, total.....	53,780	2,533,347	4,327,139	Tons.	42,187,215
Timothy alone.....	379	13,725	29,001	Tons.	185,579
Timothy and clover mixed.....	958	46,661	73,183	Tons.	629,575
Clover alone.....	703	8,519	20,389	Tons.	213,289
Alfalfa.....	19,904	484,134	1,639,707	Tons.	13,088,530
Millet or Hungarian grass.....	101	2,442	2,688	Tons.	27,483
Other tame or cultivated grasses.....	2,274	90,414	119,415	Tons.	1,253,423
Wild, salt, or prairie grasses.....	3,679	253,127	281,033	Tons.	2,028,494
Grains cut green.....	39,397	1,694,745	2,019,526	Tons.	24,056,727
Coarse forage.....	2,175	25,808	60,611	Tons.	438,095
Root forage.....	1,021	4,012	90,586	Tons.	266,015
Potatoes.....	12,533	67,688	9,824,005	Bu.	4,879,449
Sweet potatoes and yams.....	1,133	5,111	372,814	Bu.	355,624
Tobacco.....	12	4	4,502	Lbs.	479
Cotton.....	18	321	183	Bales	11,744
Cotton seed (estimated).....	.....	.....	92	Lbs.	1,032
Hemp.....	2	390	600,000	Lbs.	39,000
Hops.....	273	8,391	11,994,953	Lbs.	1,731,110
Broom corn.....	24	1,023	614,250	Lbs.	32,509
Sundry minor crops, total ².....	.....	7	.....	.....	840

¹ Includes small amount of broom corn seed.

² The entire acreage from which these seeds were secured is believed to be included in the acreage given elsewhere for hay and forage crops, flowers and plants, etc.

³ Includes small amounts of clover and willows.

The fluctuations in the acreages of some of the principal crops during the past 30 years are shown in the next table.

CROP YEAR.	ACRES HARVESTED.					
	Corn.	Oats.	Wheat.	Barley.	Hay and forage.	Potatoes.
1909.....	51,935	192,158	478,217	1,198,158	2,533,347	67,688
1899.....	53,930	153,734	2,683,405	1,029,647	2,239,001	42,098
1889.....	70,303	57,569	2,840,807	815,935	1,431,574	38,178
1879.....	71,751	49,947	1,832,429	886,350	758,024	(¹)

¹ Not reported.

Barley and oats each show a steady gain in acreage throughout the 30-year period, that of barley being over twice as great in 1909 as in 1879, and that of oats nearly four times as great. The acreage of corn shows a somewhat slow yet continuous decline for the 30 years. Wheat had a much greater acreage in 1889 than in 1879, was but slightly less in 1899, but in 1909 had an acreage less than 18 per cent that of 1899. In the acreage of hay and forage, on the contrary, a marked increase throughout the period is recorded, the largest increase occurring during the second decade. The aggregate increase for the 30-year period is 1,775,323 acres. The acreage of potatoes was not reported for 1879, but shows a considerable increase during the last 20 years.

The following table shows for 1909 and 1899 the percentage which the farms reporting specified crops represented of all farms, the percentage of improved land devoted to these crops, and the percentage of increase or decrease in the acreage of each crop during the decade, together with the average yields and average values per acre for 1909:

CROP.	PER CENT OF FARMS REPORTING.		PER CENT OF IMPROVED LAND.		Per cent of increase in acres: 1899 to 1909 ¹	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899		1909	1909
Corn.....	6.6	7.4	0.5	0.5	-3.7	24.5 Bu.	\$20.75
Oats.....	2.8	5.3	1.7	1.3	25.0	21.6 Bu.	13.72
Wheat.....	5.3	17.4	4.2	22.4	-82.2	13.0 Bu.	13.22
Barley.....	8.6	14.2	10.5	8.6	16.1	22.1 Bu.	14.38
Hay and forage.....	61.0	68.1	22.2	18.7	13.1	1.71 Tons.	16.65
Potatoes.....	14.2	13.5	0.6	0.4	66.8	145.1 Bu.	72.09

¹ A minus sign (-) denotes decrease.

Of every 100 farms in California, 61 raised hay and forage in 1909; 14, potatoes; 9, barley; 7, corn; 5, wheat; and 3, oats. Except in the case of potatoes, these percentages are smaller than those for 1899.

The six crops included in the above table cover only about 40 per cent of the total improved land of the state, as compared with about 52 per cent in 1899. This large proportionate decrease is due entirely to the immense decrease in the acreage of wheat. Of the other crops, oats, barley, hay and forage, and potatoes show increases in the proportion of improved land occupied, while corn occupies the same proportion of improved land as in 1899.

The average value per acre of the combined cereals in 1909 was \$14.23, the average value of corn and barley exceeding this average, and that of oats and wheat falling below it. The average value per acre of hay and forage is slightly above that of all cereals combined, while that of potatoes is over five times as great. From 1899 to 1909 a decrease of 2,033,762 acres, or 50.8 per cent, was reported in the combined acreage of the cereals, and an increase of 293,746 acres, or 13.1 per cent, in the acreage of hay and forage.

Of the different counties of the state, more than one-half show increases in the acreage of hay and forage. With three exceptions, all the counties reporting decreases in such acreage are located in the northern half of the state. The largest absolute increase is found in San Joaquin County and the largest absolute decrease in Los Angeles County. Although an increase in the acreage of barley is reported for the state as a whole, more than one-half of the counties show decreases. As in the case of hay and forage the decreases are found principally in the northern half of the state. The greatest absolute increase is reported from Riverside County, and the greatest absolute decrease from Santa Clara County. More than one-tenth of the total acreage of the state is reported from San Joaquin County.

In the acreage of wheat only five counties show increases. Two of these, Alpine and Mono, are located near the middle of the eastern boundary line; two, Modoc and Lassen, are in the extreme northeast corner; and the remaining one, Ventura, is on the southwest coast, northwest of Los Angeles. The greatest decrease in the acreage of wheat reported for any county was 272,116 acres for Stanislaus County. Slightly more than one-half of the total acreage of dry edible beans is reported from Santa Barbara and Ventura Counties on the southwest coast. All the counties reporting increases in the acreage of oats belong to one of four distinct groups, the first consisting of four counties, Modoc, Lassen, Trinity, and Shasta, in the northern part of the state; the second, of two counties, Glenn and Sutter, just north of the center; the third, of ten counties in the central and east central parts of the state; and the fourth, of six counties in the extreme southern part of the state. The largest absolute increase is recorded for Stanislaus County, and the largest absolute decrease for Sonoma County. Hops are reported from less than one-third of the counties, and two of these, Sonoma and Mendocino, situated on the northwest coast, together report more than one-half of the total acreage. Nearly one-fifth of the corn acreage is reported from Los Angeles County, about one-half of the potato acreage from Contra Costa and San Joaquin Counties, and about one-fourth of the acreage of kafir corn and milo maize is reported from Tulare County.

Vegetables, flowers and plants, and nursery products: 1909 and 1899.—The table which follows shows details with regard to vegetables (not including potatoes and sweet potatoes and yams, which appear elsewhere), and also with regard to flowers and plants and nursery products:

CROP.	FARMS REPORTING: 1909		ACRES.		VALUE OF PRODUCTS.	
	Number.	Per cent of all farms.	1909	1899	1909	1899
Vegetables, other than potatoes and sweet potatoes and yams, total.....	133,755	33.3	79,163	32,401	\$6,886,885	\$2,858,832
Farms reporting a product of \$500 or over.....	2,075	2.4	53,369	.....	4,836,001	.....
All other farms.....	31,680	35.9	25,794	.....	2,050,884	.....
Flowers and plants, total.....	442	0.5	1,013	672	1,388,513	580,646
Farms reporting a product of \$250 or over.....	347	0.4	.....	.....	1,373,577	.....
All other farms.....	95	0.1	.....	.....	14,936	.....
Nursery products, total.....	566	0.6	4,803	2,914	2,212,788	558,329
Farms reporting a product of \$250 or over.....	296	0.3	.....	.....	2,134,713	.....
All other farms.....	270	0.3	.....	.....	78,075	.....

¹ Does not include 9,333 farms which reported that they had vegetable gardens, but gave no information as to their products.

In 1909 the total acreage of potatoes and other vegetables was 151,962 and their value \$12,121,958. Excluding (so far as reported separately¹) potatoes and sweet potatoes and yams, the acreage of vegetables was 79,163 and their value \$6,887,000, both acreage and value being more than twice as great as in 1899. The table distinguishes between farms which make the raising of vegetables a business of some importance (having produced vegetables valued at \$500 or more in 1909) and other farms, on most of which vegetables are raised mainly for home consumption. There were in 1909, 2,075 farms in the first class, representing about two-thirds of the total acreage of vegetables and more than two-thirds of the total value, the average acreage of vegetables per farm for these farms being 25.7 and the average value of products per acre \$90.61.

The raising of flowers and plants and of nursery products is also of considerable importance in California, 5,816 acres being devoted to them in 1909, and the output being valued at \$3,601,301. Most of the product was raised on farms where these branches of agriculture were carried on as an important business.

Small fruits: 1909 and 1899.—Strawberries are by far the most important of the small fruits raised in California, with raspberries and loganberries, and blackberries and dewberries ranking second and third, respectively. The total acreage of small fruits in 1909

¹ It is probable that some of the potatoes and sweet potatoes and yams raised in farm gardens were not reported separately by farmers, but were included in their returns for vegetables.

was 9,687 and in 1899, 6,281, an increase of 54.2 per cent. The production in 1909 was 26,824,000 quarts, as compared with 14,582,000 quarts in 1899, and the value was \$1,789,000 in 1909, as compared with \$911,000 in 1899.

The following table shows data with regard to small fruits on farms:

CROP.	Number of farms reporting: 1909	ACRES.		Quantity (quarts): 1909	Value: 1909
		1909	1899		
Small fruits, total.....		9,687	6,281	26,824,120	\$1,789,214
Strawberries.....	2,282	4,555	2,418	15,694,326	1,149,475
Blackberries and dewberries.....	3,190	2,576	1,940	4,898,524	282,383
Raspberries and loganberries.....	2,524	1,992	987	5,222,117	304,169
Currents.....	364	407	724	852,378	43,508
Gooseberries.....	343	74	133	145,119	9,086
Cranberries.....	12	53	.....	10,656	443
Other berries.....	1	(1)	59	1,000	150

¹ Less than 1 acre.

Orchard fruits, grapes, nuts, and tropical fruits: 1909 and 1899.—The next table presents data with regard to orchard fruits, grapes, nuts, and tropical fruits. The acreage devoted to these products was not ascertained. In comparing one year with the other the number of trees or vines of bearing age is on the whole a better index of the general changes or tendencies than the quantity of product, but the data for the censuses of 1910 and 1900 are not closely comparable, and the product is therefore compared, although variations may be due largely to temporarily favorable or unfavorable climatic conditions.

The total quantity of orchard fruits produced in 1909 was 31,502,000 bushels, valued at \$18,359,000. Plums and prunes, peaches and nectarines, apples, and apricots are the most important of the orchard fruits. The total value of the tropical fruits produced in 1909 was \$16,752,000, the value of oranges representing more than three-fourths of the total, and the value of lemons being next in importance. The production of grapes in 1909 amounted to 1,979,687,000 pounds, valued at \$10,847,000, and the production of nuts was 28,378,000 pounds, valued at \$2,960,000. Most of the nuts were Persian or English walnuts and almonds.

The value of all orchard fruits produced in California increased from \$14,527,000 in 1899 to \$18,359,000 in 1909; the value of tropical fruits increased from \$7,219,000 in 1899 to \$16,752,000 in 1909, and that of grapes from \$5,623,000 in 1899 to \$10,847,000 in 1909. It should be noted that the values for 1899 include the value of more advanced products derived from orchard and tropical fruits or grapes, such as cider, vinegar, dried fruits, and the like, and may therefore involve some duplication, while the values shown for 1909 relate only to products in their original condition.

CROP.	TREES OR VINES OF BEARING AGE: 1910		TREES OR VINES NOT OF BEARING AGE: 1910		PRODUCT.		
	Farms reporting.	Number.	Farms reporting.	Number.	1909		1899
					Quantity.	Value.	Quantity.
Orchard fruits, total.....		22,485,195		8,410,062	131,501,507	\$18,358,897	122,690,698
Apples.....	19,671	2,482,762	12,716	1,054,107	6,335,073	2,901,662	2,488,208
Peaches and nectarines.....	21,637	7,829,011	15,231	4,409,562	9,267,118	4,573,775	8,563,427
Pears.....	15,073	1,410,905	8,532	398,093	1,928,097	1,660,963	1,612,825
Plums and prunes.....	18,105	7,108,708	9,735	1,999,939	9,317,979	5,475,639	5,632,036
Cherries.....	9,177	522,304	6,217	300,063	501,013	951,024	318,900
Apricots.....	15,181	2,992,453	9,075	581,524	4,065,823	2,768,921	2,547,064
Quinces.....	4,236	76,979	2,984	65,471	22,688	26,296	(1)
Mulberries.....	154	2,076	57	1,393	52,766	2,147	(3)
Unclassified.....							228,176
Grapes.....	17,793	144,097,670	10,162	39,528,319	41,979,686,525	10,846,812	4721,433,400
Nuts, total.....		2,034,302		693,933	42,378,115	\$2,959,845	17,775,595
Persian or English walnuts.....	7,357	853,237	6,554	646,894	21,432,296	2,247,193	10,019,975
Almonds.....	6,319	1,166,730	3,680	365,961	6,692,513	700,304	6,992,610
Pecans.....	217	4,226	294	2,793	44,855	4,632	1,220
Black walnuts.....	242	6,582	122	7,905	159,374	2,562	(1)
Franquette.....	4	408	4	617	4,559	910	(3)
Chestnuts.....	146	1,763	117	2,948	37,153	3,474	(2)
Unclassified.....							161,700
Tropical fruits, total.....		8,726,005		2,867,870		\$16,752,101	
Lemons.....	4,820	941,293	3,629	379,676	7,756,221	2,976,571	7,874,305
Japanese persimmons.....	160	3,274	142	8,861	12,696	3,344	11,188
Oranges.....	10,972	6,615,805	8,099	2,093,410	714,456,180	12,951,505	75,882,193
Pomegranates.....	120	1,771	96	2,745	430,075	968	(2)
Pomeles (grapefruit).....	932	43,424	744	25,589	122,515	143,180	717,851
Figs.....	7,846	269,061	5,612	214,527	429,930,353	260,153	410,620,356
Olives.....	3,074	836,347	2,018	121,658	416,132,412	401,277	45,040,227
Dates.....	8	325	30	19,552	43,332	418	(2)
Guavas.....	125	7,031	34	443	95,053	4,018	41,370
Mandarins.....	5	351	2	23	7,555	607	(1)
Tangerines.....	87	3,427	10	34	73,581	4,188	(1)
Loquats.....	175	3,711	125	1,011	74,516	5,830	(2)
Unclassified.....							317,330

¹ Bushels. ² Included with "unclassified." ³ Consists of products not separately named by the enumerator, but grouped under the designation "all other."
⁴ Pounds.
⁵ Includes Oou-shue, Chili nuts, Brazil nuts, Japanese chestnuts, beechnuts, hazelnuts, French nuts, Japanese walnuts, pistachio, butternuts, maytic, hickory nuts, filberts, and other nuts.
⁶ Includes limes, bananas, and citron. ⁷ Boxes. ⁸ Not reported.

The following table shows the quantities of the more advanced products manufactured by farmers from orchard and tropical fruits and grapes. Values were not called for on the schedule.

PRODUCT.	FARMS REPORTING: 1909		QUANTITY PRODUCED.		
	Num-ber.	Per cent of all farms.	Unit.	1909	1899
Cider.....	481	0.5	Gals...	118,456	75,443
Vinegar.....	973	1.1	Gals...	234,083	199,678
Wine and grape juice.....	2,133	2.5	Gals...	16,095,519	5,492,216
Olive oil.....	78	0.1	Gals...	95,955	
Raisins and dried grapes.....	4,551	5.2	Lbs....	169,210,679	117,935,727
Other dried fruits.....	8,373	9.5	Lbs....	189,436,705	

Forest products: 1909 and 1899.—The census schedules for 1910 called for the "value of all firewood, fencing material, logs, railroad ties, telegraph and telephone poles, materials for barrels, bark, naval stores, or other forest products cut or produced in 1909, whether used on farm, sold, or on hand April 15, 1910;" and also, in a separate item, for the "amount received from sale of standing timber in 1909." There were 16,017 farms in California (18.2 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$2,949,732, as compared with \$1,724,378 in 1899, an increase

of 71.1 per cent. Of the value in 1909, \$1,048,280 was reported as that of products used or to be used on the farms themselves, \$1,698,978 as that of products sold or for sale, and \$202,474 as the amount received for standing timber. It should be noted that forest products not produced on farms are not included in this report.

Sugar crops: 1909 and 1899.—The table below shows data with regard to sugar beets and sorghum cane. The total value of sugar beets produced in 1909 was \$4,321,000, as compared with \$1,550,000 in 1899.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Num-ber.	Per cent of all farms.		Amount.	Unit.	Value.
Sugar beets:						
1909 ¹	1,113	1.3	78,957	845,191	Tons...	\$4,320,532
1899.....	863	1.2	41,242	336,535	Tons...	1,550,346
Sorghum cane:						
Total, 1909 ²						14,826
Cane grown.....	48	0.1	647	3,021	Tons...	
Sirup made.....	8	(1)		4,330	Gals...	2,340
Total, 1899.....						3,788
Cane grown.....	54	0.1	140	1,085	Tons...	
Cane sold as such.....				6	Tons...	10
Sirup made.....				8,671	Gals...	3,778

¹ Includes beets used as root forage.
² Includes cane used as coarse forage.
³ Less than one-tenth of 1 per cent.

Miscellaneous crops: 1909.—Straw and cornstalks derived as by-products from the production of grain and corn have a considerable value for feed and other purposes. They are, however, mainly consumed on the farms producing them. The Census Bureau made no attempt to ascertain the total quantity or

value of these products, but the schedules called for the quantity and value of those sold during the year 1909. The returns show that 237 farms in California sold, during 1909, 5,756 tons of straw, for which they received \$23,220, and that 38 farmers sold 534 tons of cornstalks and leaves, for which they received \$10,599.

SELECTED FARM EXPENSES AND RECEIPTS.

Farm expenses: 1909 and 1899.—The next table shows the number of farms reporting expenditures for labor, feed, and fertilizer at the census of 1910, as well as the sums expended in 1909 and 1899.

EXPENSE.	1909			1899	INCREASE.	
	Farms reporting.		Amount.	Amount.	Amount.	Per cent.
	Number.	Per cent of all farms.				
Labor.....	55,887	63.4	\$19,976,199	\$25,845,120	\$24,131,079	93.4
Feed.....	49,372	56.0	12,676,903	(1)	1,206,943	128.8
Fertilizer....	7,470	8.5	2,143,993	937,050		

¹ Not reported at the census of 1900.

Over three-fifths of the farmers hire labor, the average amount expended by the farmers hiring being \$894. During the decade the total expenditure for labor increased \$24,131,000, or 93.4 per cent.

Over a seventh of the amount reported as expended for labor is in the form of rent and board. At prior censuses no tabulation was made of the number of farmers reporting expenditures for labor.

About one farmer out of every two reports some expenditure for feed, but only about eight out of every

hundred purchase fertilizer. The total amount reported as paid for fertilizer has increased \$1,207,000, or 128.8 per cent, during the decade, the average per farm reporting being \$287.

Receipts from sale of feedable crops: 1909.—An effort was made at the census of 1910 to secure as complete a statement as possible of the sales as well as the production of the more important feedable crops (that is, crops ordinarily fed to live stock). The following table summarizes the data reported:

CROP.	FARMS REPORTING.		QUANTITY SOLD.		Amount received.
	Number.	Percent of all farms.	Amount.	Unit.	
Total.....					\$21,329,528
Corn.....	1,021	1.2	352,548	Bu.....	294,777
Oats.....	1,287	1.5	2,192,824	Bu.....	1,417,410
Barley.....	4,422	5.1	14,106,453	Bu.....	9,427,240
Hay and coarse forage.....	13,368	15.2	926,123	Tons.....	10,190,101

While the total amount expended by California farmers for the purchase of feed in 1909 was \$12,677,000, the total receipts from the sale of feed by those reporting sales amounted to \$21,330,000.

COUNTY TABLES.

Tables 1 to 6, which follow, present by counties the more important agricultural data collected at the Thirteenth Census, 1910.

Table 1 shows the population, number of farms, land and farm area, value of farm property, and number and value of domestic animals and of poultry and bees, as of April 15, 1910. Comparative data for June 1, 1900, are given in italics for certain items.

Table 2 gives the number of farms, the farm acreage, and the value of farm property operated by owners, tenants, and managers, collected as of April 15, 1910. Statistics of farm mortgages are included in this table. (See explanation in text.) Comparative data for June 1, 1900, are given in italics for certain items.

Table 3 gives statistics pertaining to the products of live stock on farms (dairy products, poultry and

eggs, honey and wax, and wool and mohair); also the number and value of domestic animals sold or slaughtered on farms for the year 1909.

Table 4 shows the total value of farm crops and the principal classes thereof, together with the acreage (or trees of bearing age) and production of the principal crops for the year 1909.

Table 5 gives statistics relating to selected farm expenses for 1909, and also shows the receipts from the sale of feedable crops.

Table 6 shows the number and value of domestic animals in barns and inclosures not on farms, by classes, together with the number of dairy cows and mature horses and mules, on April 15, 1910.

Change of boundaries.—In comparing the data secured in 1910 with those for 1900 the following changes in county boundaries should be considered: A part of

Fresno County was annexed to Kings County in 1909, and Imperial County was organized from a part of San Diego County in 1907.

Changes in 1900 figures.—After the volumes of the Twelfth Decennial United States Census (1900) had been printed, a further detailed study and analysis of the data there presented brought to light certain errors in the total farm acreage of three counties. These

counties, with their corrected acreages, are Merced, 1,666,973, not 1,702,967; Orange, 425,277, not 599,436; and Sacramento, 501,488, not 668,426.

Land in farms in Sutter County.—Following the instructions to assign all of the acreage of a farm to the county in which the residence of the operator was located, a large acreage belonging to adjoining counties has been tabulated as in Sutter County.

TABLE 1.—FARMS AND FARM PROPERTY,

[Comparative data for June 1, 1900, in italics.]

	THE STATE.	Alameda.	Alpine.	Amador.	Butte.	Calaveras.	
1	Population.....	2,377,549	246,131	309	9,088	27,301	9,170
2	Population in 1900.....	1,485,635	189,197	469	11,116	17,117	11,200
3	Number of all farms.....	88,197	2,422	62	537	1,500	632
4	Number of all farms in 1900.....	72,842	2,787	37	860	1,179	575
5	Color and nativity of farmers:						
6	Native white.....	58,926	866	24	387	1,204	420
7	Foreign-born white.....	26,193	1,490	16	145	274	207
8	Negro and other nonwhite.....	3,078	66	2	5	22	5
9	Number of farms, classified by size:						
10	Under 3 acres.....	1,269	148	.....	2	2	.....
11	3 to 9 acres.....	9,321	589	.....	13	116	25
12	10 to 19 acres.....	11,362	405	.....	19	186	14
13	20 to 49 acres.....	29,614	424	.....	41	321	48
14	50 to 99 acres.....	10,630	204	3	52	143	45
15	100 to 174 acres.....	12,015	238	4	145	220	171
16	175 to 259 acres.....	4,689	116	9	64	127	60
17	260 to 499 acres.....	7,862	163	14	105	171	127
18	500 to 999 acres.....	3,119	91	3	58	116	50
19	1,000 acres and over.....	4,093	44	8	38	98	62
LAND AND FARM AREA							
20	Approximate land area.....acres.	99,617,280	468,480	496,640	384,400	1,102,800	657,280
21	Land in farms.....acres.	27,931,444	311,827	32,064	291,730	490,777	271,401
22	Land in farms in 1900.....	28,828,551	398,289	15,681	214,024	677,080	218,880
23	Improved land in farms.....acres.	11,389,894	177,514	4,759	46,968	247,097	59,104
24	Improved land in farms in 1900.....	11,959,837	217,851	4,891	48,689	306,659	114,628
25	Woodland in farms.....acres.	4,541,767	54,484	7,597	114,960	119,126	149,642
26	Other unimproved land in farms.....acres.	11,999,783	82,529	16,828	129,801	124,554	62,655
27	Per cent of land area in farms.....	28.0	66.5	6.4	75.8	44.5	41.3
28	Per cent of farm land improved.....	40.8	57.0	23.7	16.1	60.3	21.8
29	Average acres per farm.....	316.7	128.5	762.0	543.3	327.2	429.4
30	Average improved acres per farm.....	129.1	73.2	180.5	87.5	164.7	93.5
VALUE OF FARM PROPERTY							
31	All farm property.....dollars.	1,614,694,584	36,840,669	811,442	4,820,890	24,686,440	3,973,409
32	All farm property in 1900.....	796,657,956	34,619,656	324,441	3,318,850	14,536,404	2,855,659
33	Per cent increase, 1900-1910.....	102.7	6.4	150.1	45.3	69.0	70.1
34	Land.....dollars.	1,317,195,448	29,537,208	530,968	3,252,895	19,404,863	2,376,303
35	Land in 1900.....	630,444,960	28,751,600	198,100	2,165,150	12,409,630	1,839,510
36	Buildings.....dollars.	133,406,040	4,463,555	88,475	589,925	2,281,132	664,000
37	Buildings in 1900.....	77,468,000	3,485,810	45,400	495,650	1,434,870	427,190
38	Implements and machinery.....dollars.	96,498,188	817,851	30,403	141,379	532,320	138,906
39	Implements, etc., in 1900.....	21,311,670	739,040	10,810	157,480	486,890	89,080
40	Domestic animals, poultry, and bees.....dollars.	127,590,938	2,022,045	161,694	836,610	1,808,125	794,201
41	Domestic animals, etc., in 1900.....	67,308,325	1,602,696	70,181	510,890	1,200,614	484,929
Per cent of value of all property in—							
42	Land.....	81.6	80.2	65.4	67.5	80.6	59.8
43	Buildings.....	8.3	12.1	10.9	12.2	9.5	16.7
44	Implements and machinery.....	2.3	2.2	3.7	2.9	2.2	3.5
45	Domestic animals, poultry, and bees.....	7.9	5.5	19.9	17.4	7.8	20.0
Average value:							
46	All property per farm.....dollars.	18,308	15,211	19,320	8,977	16,058	6,287
47	Land and buildings per farm.....	16,447	14,038	14,749	7,156	14,457	4,811
48	Land per acre.....dollars.	47.16	94.88	16.59	11.15	39.54	8.76
49	Land per acre in 1900.....	21.87	72.19	12.63	10.21	18.40	8.55
DOMESTIC ANIMALS (farms and ranges)							
50	Farms reporting domestic animals.....	80,304	2,197	40	504	1,905	613
51	Value of domestic animals.....dollars.	123,024,652	1,880,344	160,323	823,899	1,817,904	779,690
Cattle:							
52	Total number.....	2,077,025	24,319	2,754	22,266	26,584	20,977
53	Other cows.....	467,832	9,172	2,739	2,747	4,713	1,824
54	Other cows.....	576,909	5,827	661	7,985	8,359	8,407
55	Yearling heifers.....	218,480	2,609	485	2,175	2,605	2,432
56	Calves.....	267,799	4,113	426	3,444	3,772	3,355
57	Yearling steers and bulls.....	163,728	1,107	460	1,970	2,109	2,057
58	Other steers and bulls.....	321,954	1,491	23	3,945	4,660	2,902
59	Value.....dollars.	52,758,008	611,907	58,619	506,380	673,968	422,395
Horses:							
60	Total number.....	468,886	10,644	426	2,685	7,655	3,648
61	Mature horses.....	402,584	9,266	376	2,291	6,608	3,143
62	Yearling colts.....	41,927	842	38	218	645	302
63	Spring colts.....	23,037	536	12	176	402	203
64	Value.....dollars.	47,099,136	1,151,631	36,825	233,128	685,441	264,717
Mules:							
65	Total number.....	69,761	227	18	239	1,961	63
66	Mature mules.....	61,997	223	18	212	1,719	25
67	Yearling colts.....	4,913	4	.....	10	131	13
68	Spring colts.....	2,851	.....	.....	17	91	.....
69	Value.....dollars.	9,016,444	28,545	1,420	27,690	225,465	3,920
Asses and burros:							
70	Total number.....	2,592	3	14	23	18	27
71	Value.....dollars.	347,315	48	200	458	2,655	1,850
Swine:							
72	Total number.....	766,551	6,410	517	5,296	14,333	4,174
73	Mature hogs.....	482,810	3,640	303	3,626	9,713	1,588
74	Spring pigs.....	283,741	2,770	208	1,673	5,016	1,586
75	Value.....dollars.	5,106,803	55,339	2,515	32,647	83,927	24,308
Sheep:							
76	Total number.....	2,417,477	9,187	16,640	6,645	45,077	15,360
77	Rams, ewes, and wethers.....	1,525,288	5,680	9,832	3,919	29,137	10,145
78	Spring lambs.....	892,189	3,507	6,808	2,726	15,940	5,215
79	Value.....dollars.	8,348,997	32,559	61,200	20,023	138,092	54,509
Goats:							
80	Total number.....	138,413	64	10	1,697	3,215	3,348
81	Value.....dollars.	320,829	321	44	3,673	8,356	7,931
POULTRY AND BEES							
82	Number of poultry of all kinds.....	6,087,267	240,914	2,159	23,630	74,982	23,242
83	Value.....dollars.	3,844,526	1,139,526	1,139	45,750	153,519	13,519
84	Number of colonies of bees.....	201,023	610	49	170	1,384	362
85	Value.....dollars.	728,739	2,112	132	831	4,471	992

1 Change of boundary. (See explanation at close of text.)

2 Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

STATISTICS OF AGRICULTURE.

BY COUNTIES: APRIL 15, 1910.

[Comparative data for June 1, 1900, in italics.]

	Colusa.	Contra Costa.	Del Norte.	Eldorado.	Fresno. ¹	Glenn.	Humboldt. ²	Imperial. ³	Inyo.	Kern.	Kings. ¹	Lake.
1	7,732	31,674	2,417	7,492	75,657	77,172	33,857	13,591	6,974	37,715	16,230	5,526
2	<i>7,964</i>	<i>18,040</i>	<i>2,408</i>	<i>8,998</i>	<i>57,862</i>	<i>5,160</i>	<i>27,104</i>	(¹)	<i>4,877</i>	<i>16,480</i>	<i>9,871</i>	<i>6,017</i>
3	1,465	1,114	114	716	6,245	663	1,534	1,322	438	1,167	1,837	603
4	<i>682</i>	<i>1,811</i>	<i>181</i>	<i>759</i>	<i>5,230</i>	<i>829</i>	<i>1,600</i>	(¹)	<i>424</i>	<i>1,038</i>	<i>632</i>	<i>783</i>
5	547	712	62	551	3,968	502	856	1,077	313	818	1,312	478
6	112	715	23	234	1,053	150	288	1,433	238	228	475	122
7	8	38	6	15	244	1	64	102	27	51	50	3
8	1	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	31	118	.....	.....	26	67	73	46	28	46	67	10
10	35	127	6	21	598	33	107	56	23	57	159	38
11	85	221	9	60	3,240	106	280	182	55	320	643	85
12	42	158	13	88	951	65	245	227	75	173	377	80
13	90	256	31	212	609	79	334	400	111	222	287	144
14	30	147	11	100	142	101	118	98	41	55	77	60
15	129	206	23	122	242	31	131	201	54	116	133	84
16	104	140	10	52	31	59	81	22	82	52	42	53
17	120	73	9	35	111	119	131	10	20	85	43	48
18	729,600	456,960	655,360	1,121,920	3,808,000	805,760	2,325,760	2,616,960	6,412,160	5,121,920	741,790	817,920
19	<i>522,376</i>	<i>406,433</i>	<i>35,947</i>	<i>210,881</i>	<i>1,106,616</i>	<i>691,198</i>	<i>642,536</i>	<i>223,062</i>	<i>110,142</i>	<i>1,403,350</i>	<i>373,823</i>	<i>217,404</i>
20	<i>680,008</i>	<i>406,565</i>	<i>55,116</i>	<i>200,520</i>	<i>1,284,736</i>	<i>677,365</i>	<i>625,511</i>	(¹)	<i>141,669</i>	<i>1,671,170</i>	<i>357,806</i>	<i>215,176</i>
21	<i>336,899</i>	<i>125,152</i>	<i>41,429</i>	<i>135,439</i>	<i>41,672</i>	<i>30,765</i>	<i>18,476</i>	(¹)	<i>176,069</i>	<i>49,203</i>	<i>166,000</i>	<i>100,000</i>
22	<i>582,827</i>	<i>268,617</i>	<i>8,787</i>	<i>45,481</i>	<i>786,557</i>	<i>578,271</i>	<i>77,238</i>	(¹)	<i>47,720</i>	<i>281,071</i>	<i>265,118</i>	<i>414,114</i>
23	<i>38,252</i>	<i>28,765</i>	<i>10,574</i>	<i>137,057</i>	<i>93,194</i>	<i>67,665</i>	<i>174,354</i>	1,138	1,631	235,014	6,724	71,388
24	<i>147,615</i>	<i>115,616</i>	<i>12,934</i>	<i>32,142</i>	<i>423,217</i>	<i>113,768</i>	<i>302,934</i>	40,395	69,813	582,919	170,530	103,308
25	71.6	88.9	5.5	18.8	23.1	51.0	27.6	8.5	1.7	17.4	50.4	26.6
26	64.4	34.6	19.8	19.8	53.3	63.1	16.4	52.3	35.1	22.5	52.6	19.7
27	783.2	277.4	315.3	294.5	177.2	740.3	418.9	163.1	231.5	1,202.5	203.5	360.6
28	504.5	178.9	108.1	88.2	94.5	467.2	68.6	133.2	88.4	270.3	107.0	70.9
29	19,602,208	31,812,192	1,770,222	3,775,358	92,683,058	16,581,419	21,230,881	23,646,007	7,112,903	30,405,013	53,312,202	6,271,615
30	<i>15,064,183</i>	<i>18,874,587</i>	<i>1,021,040</i>	<i>2,690,574</i>	<i>45,320,479</i>	<i>15,241,799</i>	<i>18,241,799</i>	(¹)	<i>14,216,128</i>	<i>6,921,907</i>	<i>5,498,050</i>	<i>3,498,050</i>
31	.....	88.6	73.4	45.7	.....	61.0	60.3	.....	176.6	113.4	.....	79.4
32	16,066,035	26,556,160	1,358,300	2,343,931	75,136,654	13,425,220	16,378,032	19,832,660	5,210,586	23,962,202	26,007,591	4,792,480
33	<i>10,835,850</i>	<i>16,665,110</i>	<i>687,830</i>	<i>1,646,240</i>	<i>34,201,580</i>	<i>8,475,830</i>	<i>9,824,580</i>	<i>1,624,760</i>	<i>10,404,640</i>	<i>5,430,410</i>	<i>2,419,280</i>	<i>2,419,280</i>
34	<i>1,201,780</i>	<i>2,493,378</i>	<i>171,380</i>	<i>749,745</i>	<i>6,801,289</i>	<i>1,110,215</i>	<i>2,054,525</i>	764,065	558,740	1,232,139	2,145,975	782,785
35	<i>858,280</i>	<i>1,676,790</i>	<i>121,840</i>	<i>606,190</i>	<i>5,008,140</i>	<i>714,610</i>	<i>1,282,830</i>	(¹)	<i>517,050</i>	<i>824,130</i>	<i>311,690</i>	<i>624,180</i>
36	<i>410,557</i>	<i>680,520</i>	<i>49,245</i>	<i>162,185</i>	<i>3,228,700</i>	<i>300,333</i>	<i>444,280</i>	459,535	189,810	614,028	654,971	207,211
37	<i>417,690</i>	<i>404,560</i>	<i>56,180</i>	<i>116,820</i>	<i>1,638,890</i>	<i>239,680</i>	<i>311,080</i>	(¹)	<i>95,500</i>	<i>317,640</i>	<i>248,590</i>	<i>111,420</i>
38	<i>1,911,836</i>	<i>2,062,137</i>	<i>192,277</i>	<i>519,497</i>	<i>7,336,400</i>	<i>1,655,615</i>	<i>2,354,044</i>	<i>2,589,207</i>	<i>1,163,767</i>	<i>4,576,644</i>	<i>4,503,755</i>	<i>480,189</i>
39	<i>918,028</i>	<i>1,440,397</i>	<i>176,240</i>	<i>561,894</i>	<i>5,941,919</i>	<i>806,540</i>	<i>2,125,049</i>	<i>6,744,229</i>	<i>2,387,855</i>	<i>1,541,247</i>	<i>440,810</i>	<i>440,810</i>
40	82.0	83.6	76.7	62.1	81.2	81.0	77.1	83.9	73.3	78.8	78.1	76.4
41	6.1	7.8	9.7	19.9	7.4	6.7	9.7	3.2	7.9	4.4	6.4	13.5
42	2.1	2.7	2.7	4.3	2.4	2.4	2.1	1.1	2.0	2.0	2.0	2.0
43	9.8	6.5	10.9	13.8	7.9	10.0	11.1	10.9	16.2	15.1	13.5	7.8
44	29,389	21,715	15,528	5,273	14,825	25,010	13,840	17,887	16,240	26,054	18,134	10,401
45	<i>25,893</i>	<i>19,850</i>	<i>13,418</i>	<i>13,130</i>	<i>13,130</i>	<i>21,924</i>	<i>15,016</i>	<i>18,880</i>	<i>21,686</i>	<i>15,326</i>	<i>9,245</i>	<i>9,245</i>
46	<i>30,76</i>	<i>65.41</i>	<i>37.79</i>	<i>11.11</i>	<i>67.90</i>	<i>25.49</i>	<i>83.70</i>	<i>47.31</i>	<i>17.08</i>	<i>69.57</i>	<i>22.04</i>	<i>22.04</i>
47	<i>19.79</i>	<i>58.26</i>	<i>20.77</i>	<i>7.59</i>	<i>26.62</i>	<i>14.68</i>	<i>14.69</i>	(¹)	<i>11.23</i>	<i>6.62</i>	<i>8.85</i>	<i>11.40</i>
48	628	1,357	110	660	5,874	618	1,494	1,249	402	1,133	1,749	509
49	<i>1,874,056</i>	<i>1,985,534</i>	<i>189,879</i>	<i>505,751</i>	<i>7,205,464</i>	<i>1,623,596</i>	<i>2,318,676</i>	<i>2,510,214</i>	<i>1,104,481</i>	<i>4,509,038</i>	<i>4,426,411</i>	<i>471,428</i>
50	* 18,750	26,529	6,857	13,048	127,625	* 16,214	* 53,775	* 22,741	20,208	* 118,320	74,975	7,414
51	3,128	9,469	3,575	2,241	3,682	2,241	2,572	9,653	2,267	6,917	15,593	1,487
52	6,571	6,567	620	4,338	42,001	3,601	7,837	2,728	8,970	38,101	21,655	2,113
53	2,140	3,240	849	1,683	13,117	1,410	5,531	2,560	2,883	8,441	7,281	821
54	2,008	4,479	1,308	2,154	12,682	2,469	8,334	2,772	2,265	7,372	8,793	1,133
55	1,556	1,123	273	1,138	15,354	1,925	3,413	1,379	2,445	6,459	3,745	574
56	* 2,619	1,651	234	912	22,230	6,590	1,817	1,788	24,271	14,908	1,286	1,286
57	* 429,618	647,877	137,380	254,898	3,288,420	* 365,993	* 1,363,050	* 865,001	428,833	* 3,061,957	2,481,281	148,781
58	4,732	11,233	441	2,544	25,009	3,946	6,403	7,229	5,032	* 10,347	11,473	2,492
59	3,992	9,494	382	2,274	22,063	3,313	5,851	6,074	4,074	8,670	9,417	2,172
60	481	1,095	45	180	1,899	339	421	550	857	1,174	216	216
61	259	644	14	90	1,047	282	131	1,172	82	530	882	104
62	428,700	1,136,119	37,265	202,610	2,883,216	* 357,207	591,639	798,317	453,277	* 1,013,562	1,256,415	210,382
63	5,291	651	3	112	3,979	3,262	189	1,672	337	1,248	1,069	263
64	4,807	653	3	33	3,498	3,033	189	1,858	249	1,835	1,835	182
65	437	63	.....	.....	298	207	.....	69	55	103	142	45
66	247	24	.....	.....	10	183	.....	20	33	46	72	36
67	629,345	78,810	475	10,130	534,660	407,327	13,940	233,196	31,960	146,095	148,430	22,015
68	65	6	.....	.....	17	101	29	11	56	309	130	23
69	15,275	4,268	.....	.....	2,895	34,883	17,625	350	1,569	5,845	12,543	10,077
70	28,064	6,941	1,770	2,401	33,150	18,310	12,633	70,592	3,355	29,513	40,633	8,038
71	17,646	3,887	1,153	1,428	20,134	12,453	7,688	45,764	1,785	13,376	22,775	5,301
72	10,418	3,054	617	973	13,016	5,827	4,945	24,798	1,560	7,137	17,858	2,737
73	161,174	44,330	9,451	16,502	230,325	106,475	55,457	508,164	21,631	167,439	295,301	39,239
74	64,592	10,595	1,841	3,162	142,011	111,363	87,073	23,339	43,346	30,317	62,374	10,947
75	39,801	14,132	1,341	1,763	94,757	70,210	62,423	13,786	17,240	19,801	40,483	7,436
76	24,791	5,483	500	1,899	47,254	41,153	24,650	9,553	26,106	1		

TABLE 1.—FARMS AND FARM PROPERTY,

[Comparative data for June 1, 1900, in italics.]

	Lassen.	Los Angeles.	Madera.	Marin.	Mariposa.	Mendocino. ¹	Merced.	Modoc.
1 Population.....	4,802	504,131	8,368	25,114	3,986	23,929	15,148	6,191
2 Population in 1900.....	4,611	170,895	6,364	15,702	4,750	30,465	9,616	5,076
3 Number of all farms.....	502	7,919	573	498	330	1,356	1,836	736
4 Number of all farms in 1900.....	665	6,877	535	462	381	1,452	999	638
5 Color and activity of farmers:								
6 Native white.....	412	5,682	419	138	253	966	1,054	639
7 Foreign-born white.....	77	1,613	131	360	63	363	780	80
8 Negro and other nonwhite.....	13	624	23	.....	14	27	22	17
9 Number of farms, classified by size:								
10 Under 3 acres.....	.....	438	.....	6	.....	.....	.....	5
11 3 to 9 acres.....	9	2,125	13	35	1	42	86	18
12 10 to 19 acres.....	4	1,850	21	54	4	61	213	13
13 20 to 49 acres.....	12	1,709	23	36	4	166	694	21
14 50 to 99 acres.....	32	698	23	30	21	151	295	44
15 100 to 174 acres.....	117	531	151	35	97	334	165	229
16 175 to 249 acres.....	51	192	27	40	15	131	46	68
17 250 to 499 acres.....	130	207	66	72	107	193	89	137
18 500 to 999 acres.....	84	114	59	111	51	124	100	92
19 1,000 acres and over.....	63	85	137	79	36	154	167	75
LAND AND FARM AREA								
20 Approximate land area..... acres.....	2,899,840	2,602,880	1,351,680	338,560	936,320	2,203,920	1,276,800	2,446,720
21 Land in farms..... acres.....	285,728	672,880	620,660	203,442	296,052	721,325	1,162,167	410,134
22 Land in farms in 1900..... acres.....	381,100	675,693	654,659	325,874	160,166	719,922	1,702,927	228,755
23 Improved land in farms..... acres.....	122,057	418,998	391,086	93,115	37,017	82,578	607,742	164,784
24 Unimproved land in farms in 1900..... acres.....	133,266	615,712	277,721	17,533	14,005	75,507	615,976	122,647
25 Woodland in farms..... acres.....	18	27,638	41,612	49,975	247,755	247,755	49,818	75,968
26 Other unimproved land in farms..... acres.....	145,983	320,936	157,965	120,349	83,892	390,989	504,607	169,882
27 Per cent of land area in farms.....	10.2	29.1	45.9	77.8	22.0	32.6	91.0	16.8
28 Per cent of farm land improved.....	41.3	55.3	63.0	35.4	18.0	11.4	52.5	40.2
29 Average acres per farm.....	589.1	95.7	1,083.2	520.0	634.4	532.0	626.2	557.2
30 Average improved acres per farm.....	243.1	82.9	682.5	187.0	112.2	60.9	327.4	223.9
VALUE OF FARM PROPERTY								
31 All farm property..... dollars.....	9,376,509	199,998,200	14,984,395	12,426,158	2,829,235	14,659,467	49,520,913	11,376,953
32 All farm property in 1900..... dollars.....	6,365,616	74,817,645	5,916,894	10,866,511	1,328,151	8,687,616	22,656,839	6,363,827
33 Per cent increase, 1900-1910.....	74.8	167.3	153.3	14.4	113.0	70.7	118.8	112.1
34 Land..... dollars.....	6,331,832	180,354,798	12,203,638	9,381,625	1,817,100	10,774,439	40,047,324	7,379,985
35 Land in 1900..... dollars.....	2,649,530	64,180,250	4,588,770	8,850,450	752,090	6,840,250	15,149,650	2,826,960
36 Buildings..... dollars.....	765,460	11,798,273	771,995	1,156,830	276,180	1,816,135	2,338,527	1,004,180
37 Buildings in 1900..... dollars.....	708,010	6,726,719	435,059	314,050	297,549	1,051,000	981,040	521,940
38 Implements and machinery..... dollars.....	289,257	2,462,357	441,455	348,482	79,403	375,049	804,625	365,550
39 Implements, etc., in 1900..... dollars.....	256,220	1,435,060	214,100	307,110	69,990	219,650	601,480	174,800
40 Domestic animals, poultry, and bees..... dollars.....	1,990,230	5,482,742	1,507,707	1,541,221	656,552	1,693,844	6,330,377	2,627,448
41 Domestic animals, etc., in 1900..... dollars.....	1,452,678	2,436,668	600,674	1,444,981	308,491	1,449,649	2,701,639	1,842,367
42 Per cent of value of all property in—								
43 Land.....	67.5	90.2	81.8	75.5	64.2	73.5	80.9	64.9
44 Buildings.....	8.2	5.9	5.1	9.3	9.8	12.4	4.7	8.8
45 Implements and machinery.....	3.1	1.2	2.9	2.8	2.6	2.6	3.6	3.1
46 Domestic animals, poultry, and bees.....	21.2	2.7	10.1	12.4	2.4	11.6	12.3	23.1
47 Average values:								
48 All property per farm..... dollars.....	18,679	25,255	26,151	24,952	8,573	10,811	26,682	15,457
49 Land and buildings per farm..... dollars.....	14,338	24,265	22,348	21,188	6,346	9,283	22,837	11,290
50 Land per acre..... dollars.....	21.41	237.94	19.76	35.62	8.82	14.94	34.46	17.99
51 Land per acre in 1900..... dollars.....	7.74	71.67	9.47	25.84	7.70	7.86	10.63	9.46
DOMESTIC ANIMALS (farms and ranges)								
52 Farms reporting domestic animals.....	459	6,544	539	478	316	1,306	1,733	704
53 Value of domestic animals..... dollars.....	1,979,199	4,734,457	1,493,568	1,436,975	647,733	1,657,805	6,266,477	2,612,918
54 Cattle:								
55 Total number.....	43,832	43,095	67,905	67,906	61,671	30,154	105,467	46,916
56 Dairy cows.....	2,890	20,524	1,592	24,803	905	6,454	19,675	2,903
57 Other cows.....	18,444	8,027	12,406	3,564	7,477	9,280	43,250	18,502
58 Yearling heifers.....	5,975	5,561	2,425	2,850	1,602	3,054	14,858	6,537
59 Calves.....	4,906	6,211	2,375	6,509	2,115	3,980	14,625	4,698
60 Yearling steers and bulls.....	5,456	1,666	2,252	567	1,683	2,508	11,036	6,517
61 Other steers and bulls.....	6,161	1,106	3,946	641	2,876	4,883	34,767	7,449
62 Value..... dollars.....	871,941	1,473,509	658,792	610,406	670,521	597,588	4,349,545	1,005,026
63 Horses:								
64 Total number.....	9,515	22,424	4,070	2,558	2,240	5,994	12,556	6,156
65 Mature horses.....	7,548	20,375	3,498	2,338	1,896	5,300	10,308	12,247
66 Yearling colts.....	1,406	1,376	334	166	218	510	1,453	2,212
67 Spring colts.....	561	673	238	126	126	184	776	976
68 Value..... dollars.....	702,430	2,479,207	356,856	248,075	182,986	541,605	1,063,537	611,445
69 Mules:								
70 Total number.....	702	2,570	3,141	11	296	309	4,075	1,132
71 Mature mules.....	414	2,459	2,038	11	204	208	3,678	965
72 Yearling colts.....	185	76	154	.....	46	10	198	441
73 Spring colts.....	103	35	59	.....	49	1	204	126
74 Value..... dollars.....	60,681	390,200	454,606	980	30,555	27,421	482,209	93,005
75 Asses and burros:								
76 Number.....	119	84	49	.....	83	29	107	98
77 Value..... dollars.....	20,220	3,806	9,301	.....	10,183	1,240	17,432	26,511
78 Swine:								
79 Total number.....	5,034	28,942	6,853	16,069	8,882	22,669	29,535	8,488
80 Mature hogs.....	3,079	18,418	4,444	8,812	6,160	14,600	19,414	5,328
81 Spring pigs.....	1,955	10,524	2,409	7,287	2,722	7,469	10,121	3,160
82 Value..... dollars.....	30,513	230,390	36,151	120,569	46,704	102,615	185,474	53,596
83 Sheep:								
84 Total number.....	72,725	31,091	10,106	2,955	1,181	129,770	39,768	76,562
85 Rams, ewes, and wethers.....	42,490	22,261	6,269	1,930	877	88,760	28,044	46,078
86 Spring lambs.....	30,235	8,830	3,837	1,025	304	34,010	11,724	30,484
87 Value..... dollars.....	291,592	136,536	25,145	14,391	4,409	377,121	152,708	286,882
88 Goats:								
89 Number.....	586	8,238	278	147	931	3,927	5,246	549
90 Value..... dollars.....	1,832	20,839	717	556	2,365	10,215	21,272	2,381
POULTRY AND BEES								
91 Number of poultry of all kinds.....	10,237	513,965	23,246	203,277	12,217	56,807	83,998	23,889
92 Value..... dollars.....	9,857	547,968	13,024	104,178	8,668	34,663	51,943	11,466
93 Number of colonies of bees.....	298	25,930	375	20	34	441	4,072	839
94 Value..... dollars.....	1,074	99,762	1,115	68	151	1,374	11,957	3,064

¹ Agricultural data for Indians on reservations in 1900 shown separately in last column of table. ² Change of boundary. (See explanation at close of text.)

STATISTICS OF AGRICULTURE.

BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

	Mono.	Monterey.	Napa.	Nevada.	Orange.	Placer.	Plumas.	Riverside.	Sacramento.	San Benito.	San Bernardino.	San Diego.	San Francisco.
1	2,042	24,146	19,800	14,955	34,436	15,237	5,259	34,696	67,806	8,041	56,706	61,665	416,912
2	2,167	19,580	16,461	17,739	19,636	16,788	4,657	17,897	45,915	6,653	27,259	55,690	342,752
3	91	1,658	1,537	544	3,165	1,062	221	2,688	1,601	921	2,949	2,298	1,787
4	112	1,860	1,356	622	2,388	1,076	267	2,349	1,392	907	2,350	2,698	504
5	44	933	1,006	349	2,362	619	155	2,044	885	616	2,365	1,591	30
6	42	676	527	184	715	263	63	517	485	289	567	126	118
7	5	49	4	11	85	190	3	127	231	16	17	581	9
8		11	14	7	28	2		42	12	7	76	20	60
9	3	69	136	61	531	52	6	462	167	87	567	236	50
10	1	171	223	73	802	109	5	596	237	83	918	348	7
11	1	182	335	143	1,043	289	9	1,043	321	118	703	414	15
12	4	185	226	69	351	306	12	292	170	93	278	269	11
13	27	263	223	88	175	174	45	262	223	107	209	337	4
14	12	127	92	53	60	69	19	99	96	56	70	146	1
15	16	112	112	84	86	75	37	166	173	144	75	246	-----
16	10	225	184	41	52	50	46	104	111	109	35	146	-----
17	17	243	72	28	37	36	42	81	91	117	18	129	-----
18	1,930,200	2,131,200	601,120	623,360	508,800	892,800	1,660,160	4,633,600	629,120	890,880	12,900,480	2,701,440	27,520
19	116,672	1,147,416	360,456	175,398	311,692	228,090	134,259	520,806	473,044	544,301	208,996	834,426	2,091
20	180,063	1,087,038	319,397	180,745	359,436	440,371	184,449	427,607	629,426	612,719	219,456	308,419	8,419
21	43,832	371,529	101,114	24,842	183,463	98,608	54,281	278,151	275,852	186,573	136,625	234,045	1,562
22	66,238	373,005	111,968	24,898	286,877	181,063	67,561	327,169	387,169	188,698	96,980	289,791	5,829
23	8,303	140,377	193,578	48,449	4,476	32,194	27,238	30,231	20,904	52,466	23,137	71,020	289
24	63,987	635,530	65,888	102,407	177,753	117,278	52,740	212,424	176,398	305,262	48,534	329,301	290
25	6.0	53.8	72.0	28.1	73.1	27.8	8.1	11.2	75.2	61.1	1.6	30.9	7.6
26	37.5	32.4	28.0	14.0	51.0	39.7	40.4	53.4	58.3	34.3	65.6	28.0	74.7
27	1,271.1	692.0	234.6	322.4	117.4	233.6	607.5	193.8	298.5	591.0	70.7	365.1	15.3
28	476.7	224.1	66.8	45.8	59.9	92.9	245.6	103.5	172.2	202.6	46.3	101.8	9.9
29	2,347,797	35,021,930	18,082,906	3,022,665	64,352,835	10,234,101	3,362,955	46,203,795	36,694,652	14,963,867	68,499,103	11,124,814	2,630,428
30	1,175,745	19,409,748	12,357,048	1,947,640	42,346,896	6,647,761	2,289,876	21,644,091	9,117,668	3,011,058	24,666,108	18,946,677	4,007,828
31	99.7	80.4	4.6	55.2	188.0	56.3	50.1	113.5	80.9	64.1	177.3	-----	9.2
32	1,587,813	27,885,000	13,066,656	1,817,417	55,952,755	7,747,744	2,201,654	39,363,652	30,425,404	11,272,156	60,681,348	23,934,732	2,097,111
33	619,000	15,632,700	8,265,780	1,116,960	13,633,640	4,859,730	1,211,850	18,488,110	15,189,370	7,067,190	14,153,960	1,856,830	1,856,830
34	154,700	2,178,720	3,065,470	664,400	4,600,795	1,399,840	532,156	3,666,689	3,205,416	1,436,855	5,238,858	3,337,382	326,789
35	87,590	1,585,700	2,181,690	447,640	2,177,640	698,629	537,010	1,969,580	2,169,650	832,530	2,473,180	2,170,190	228,100
36	45,345	811,586	500,921	152,857	1,148,222	320,083	123,300	1,112,180	786,393	391,058	1,077,851	851,291	68,270
37	26,410	608,400	367,980	108,010	466,600	222,090	87,240	390,830	653,780	272,080	396,860	653,580	71,800
38	559,939	4,146,316	1,128,959	408,011	2,596,800	766,344	505,845	2,061,265	2,277,479	1,963,798	1,501,046	3,001,109	138,258
39	642,985	1,980,942	871,690	280,030	1,779,416	457,351	644,096	7,667,291	1,448,348	398,498	687,062	1,605,517	25,863
40	67.6	79.6	72.4	60.1	86.9	75.7	65.5	85.2	82.9	75.3	58.6	76.9	79.7
41	6.6	6.2	18.6	22.0	7.2	13.7	15.8	7.9	8.7	8.9	7.6	10.7	12.4
42	1.9	2.3	2.8	4.4	1.8	3.1	3.7	2.4	2.1	2.6	1.6	2.7	2.6
43	23.9	11.8	6.2	13.5	4.0	7.5	15.0	4.5	6.2	13.1	2.2	9.6	5.3
44	25,800	21,123	11,764	5,556	20,334	9,637	15,217	17,180	29,290	16,247	23,228	13,544	16,754
45	19,148	18,133	10,704	4,562	19,151	8,614	12,370	16,008	21,006	13,691	22,353	11,868	15,439
46	13.73	24.30	36.29	13.36	150.34	31.23	16.40	75.38	64.32	20.71	291.18	28.68	1,002.92
47	2.79	14.58	37.92	9.25	30.92	10.99	6.27	43.29	22.78	19.76	86.83	17.48	226.70
48	85	1,582	1,305	507	2,862	794	207	2,182	1,494	863	2,273	2,170	106
49	556,310	4,069,857	1,065,340	303,204	2,453,940	737,464	499,059	1,937,237	2,187,810	1,909,386	1,406,523	2,790,287	111,230
50	5,301	88,839	115,896	8,096	18,220	6,750	11,401	19,468	31,188	39,703	12,761	58,777	2,510
51	450	14,966	8,270	2,205	6,184	2,421	3,437	5,235	11,979	4,328	10,633	10,633	1,945
52	2,270	27,626	3,945	2,950	4,423	2,283	1,954	4,449	5,484	11,064	4,989	15,815	10
53	803	11,046	1,403	832	2,174	1,561	602	2,493	3,195	4,459	1,070	7,874	581
54	666	13,806	2,518	1,069	2,231	1,204	1,586	2,203	5,568	5,864	926	8,088	174
55	635	5,502	758	493	1,168	428	1,468	1,333	2,529	4,151	481	6,490	75
56	427	13,133	937	865	2,240	1,395	532	3,755	1,961	8,987	2,847	9,877	25
57	107,941	2,079,939	395,721	174,067	506,811	182,827	279,651	434,082	338,431	639,660	335,713	1,356,802	77,015
58	2,097	17,444	5,010	2,074	10,565	4,193	2,044	10,315	9,969	8,475	6,878	11,498	319
59	1,655	14,172	5,145	1,830	9,680	3,762	1,770	8,969	8,770	6,921	6,339	9,663	318
60	310	1,993	523	124	704	294	206	943	773	955	372	1,130	-----
61	132	1,268	237	70	225	137	68	403	426	599	167	705	1
62	175,884	1,676,690	540,055	161,139	1,333,440	398,992	200,409	1,157,357	1,022,338	343,985	899,851	1,262,938	32,840
63	136	642	372	68	2,268	498	43	1,429	743	96	778	768	-----
64	73	546	345	87	2,283	459	41	1,303	703	74	757	653	-----
65	46	66	18	13	18	13	3	19	18	30	19	8	-----
66	17	30	9	-----	7	26	-----	43	10	3	3	23	-----
67	11,635	85,550	37,970	5,495	396,360	58,460	4,435	205,099	87,020	11,145	139,476	95,570	-----
68	62	26	10	20	15	66	5	88	19	28	88	181	-----
69	1,630	5,288	1,315	205	1,529	1,569	1,560	9,050	6,245	945	1,789	11,006	-----
70	473	20,031	8,140	1,816	4,448	3,387	1,409	6,190	10,455	8,132	6,797	7,391	281
71	129	12,667	5,864	2,057	6,265	1,322	666	8,852	6,421	5,572	7,562	2,261	181
72	244	7,464	3,184	749	2,183	1,565	744	4,258	4,034	2,560	1,187	3,130	100
73	2,766	11,755	51,300	12,602	32,960	23,785	9,922	44,770	73,275	57,233	29,173	59,842	1,655
74	63,046	28,874	10,878	11,162	43,678	24,408	1,159	7,009	49,957	15,146	7	289	3
75	40,805	17,029	5,794	6,853	31,802	15,142	845	5,689	25,828	10,635	7	220	3
76	22,241	11,845	5,084	4,309	11,876	9,326	314	1,420	21,129	4,511	69	126	-----
77	255,477	91,991	37,076	34,960	176,933	68,716	4,080	30,167	160,221	55,239	35	1,310	20
78	25	3,983	556	2,198	4,223	1,542	10	924	89	489	81	1,147	9
79	77	10,976	1,573	4,736	1,420	3,455	32	6,712	280	1,159	506	2,789	60
80	2,615	128,325	108,777	23,482	156,746	43,619	9,649	84,226	116,556	95,289	91,098	130,158	42,640
81	1,584	63,260	61,777	13,731	125,423	26,714	6,272	61,742	84,188	50,414	65,160	104,829	26,889
82	3,669	8,624	290	5,159	5,159	657	121	18,900	1,536	1,177	8,073	30,566	6
83	2,945	13,196	1,842	1,076	16,770	2,258	484	62,286	5,481	3,998	29,363	105,930	14

See explanation for 1900 figures at close of text.

Includes Belgian hares, valued at \$525.

Includes Belgian hares, valued at \$126.

Includes animals, age or sex not specified.

TABLE 1.—FARMS AND FARM PROPERTY,

[Comparative data for June 1, 1900, in italics.]

	San Joaquin.	San Luis Obispo	San Mateo.	Santa Barbara.	Santa Clara.	Santa Cruz.	Stasta.	Sierra.
1 Population	50,731	19,383	26,585	27,738	83,539	26,140	18,920	4,098
2 Population in 1900	<i>36,452</i>	<i>16,637</i>	<i>12,094</i>	<i>18,984</i>	<i>60,216</i>	<i>21,812</i>	<i>17,318</i>	<i>4,017</i>
3 Number of all farms.	3,286	1,714	665	1,355	4,731	1,466	1,010	110
4 Number of all farms in 1900	<i>1,969</i>	<i>1,813</i>	<i>591</i>	<i>1,149</i>	<i>3,986</i>	<i>1,274</i>	<i>1,221</i>	<i>141</i>
5 Color and nativity of farmers:								
6 Native white	2,179	929	258	874	2,725	851	825	77
7 Foreign-born white	977	767	390	448	1,860	588	151	32
8 Negro and other nonwhite	130	18	17	33	146	27	34	1
9 Number of farms, classified by size:								
10 Under 3 acres	9	7	46	17	68	18	6	1
11 3 to 9 acres	204	65	81	130	773	226	16	6
12 10 to 19 acres	631	80	55	140	1,186	198	29	3
13 20 to 49 acres	797	179	112	212	1,317	384	103	4
14 50 to 99 acres	397	187	61	164	562	293	111	5
15 100 to 174 acres	395	267	90	185	376	188	300	25
16 175 to 259 acres	217	123	62	105	141	60	96	4
17 260 to 499 acres	111	371	304	67	132	52	190	19
18 500 to 999 acres	251	285	60	93	75	25	93	18
19 1,000 acres and over	144	214	41	171	86	22	66	25
LAND AND FARM AREA								
20 Approximate land area	926,720	2,133,760	286,080	1,753,600	849,920	278,400	2,469,120	690,720
21 Land in farms	763,048	1,588,660	160,655	1,120,475	734,819	157,308	389,218	84,220
22 Land in farms in 1900	<i>751,065</i>	<i>1,084,480</i>	<i>149,544</i>	<i>922,611</i>	<i>710,688</i>	<i>160,438</i>	<i>347,189</i>	<i>74,609</i>
23 Improved land in farms	611,762	326,720	179,890	215,522	237,119	67,575	96,217	30,734
24 Improved land in farms in 1900	<i>652,953</i>	<i>418,556</i>	<i>72,129</i>	<i>202,932</i>	<i>260,226</i>	<i>67,849</i>	<i>87,480</i>	<i>26,637</i>
25 Woodland in farms	35,387	174,801	27,334	276,071	153,835	44,157	151,113	18,168
26 Other unimproved land in farms	115,899	1,086,841	32,521	628,822	343,814	46,276	141,888	35,286
27 Per cent of land area in farms	82.3	74.5	56.2	63.9	86.5	56.5	15.8	14.3
28 Per cent of farm land improved	80.2	20.6	62.7	19.2	32.3	42.5	24.7	36.6
29 Average acres per farm	232.2	926.9	241.6	826.9	185.3	107.3	385.4	765.6
30 Average improved acres per farm	186.2	190.7	151.6	158.1	90.1	45.6	95.3	279.9
VALUE OF FARM PROPERTY								
31 All farm property	67,286,628	32,426,352	20,870,585	43,544,076	67,187,549	17,653,136	7,847,929	1,650,799
32 All farm property in 1900	<i>51,218,454</i>	<i>14,685,729</i>	<i>10,357,456</i>	<i>18,271,703</i>	<i>59,724,103</i>	<i>11,445,160</i>	<i>4,420,353</i>	<i>906,336</i>
33 Per cent increase, 1900-1910	115.5	121.6	101.6	138.3	32.5	54.3	77.5	65.8
34 Land	35,909,884	24,745,375	17,448,280	35,556,593	52,882,003	14,103,715	5,403,079	962,575
35 Land in 1900	<i>25,139,890</i>	<i>11,133,180</i>	<i>8,201,140</i>	<i>14,849,469</i>	<i>42,270,316</i>	<i>9,604,410</i>	<i>2,980,160</i>	<i>564,900</i>
36 Buildings	5,675,665	2,136,447	2,006,705	3,004,679	9,125,640	2,299,890	851,750	262,155
37 Buildings in 1900	<i>2,297,130</i>	<i>1,272,820</i>	<i>1,333,890</i>	<i>1,376,290</i>	<i>6,332,710</i>	<i>1,456,080</i>	<i>538,560</i>	<i>179,770</i>
38 Implements and machinery	1,741,033	742,498	398,327	804,204	1,942,339	461,107	299,511	65,524
39 Implements, etc., in 1900	<i>907,419</i>	<i>473,429</i>	<i>173,630</i>	<i>326,770</i>	<i>1,287,620</i>	<i>249,859</i>	<i>168,453</i>	<i>37,489</i>
40 Domestic animals, poultry, and bees	3,900,026	4,802,033	1,017,273	4,178,540	*3,236,967	788,424	1,303,589	360,575
41 Domestic animals, etc., in 1900	<i>2,244,294</i>	<i>1,749,917</i>	<i>646,726</i>	<i>1,681,363</i>	<i>1,834,093</i>	<i>649,790</i>	<i>137,865</i>	<i>215,165</i>
42 Per cent of value of all property in—								
43 Land	53.1	76.3	83.6	81.7	78.7	79.9	68.8	58.3
44 Buildings	8.4	6.6	9.6	6.9	13.6	13.0	10.9	15.9
45 Implements and machinery	2.6	2.3	1.9	1.8	2.9	2.6	3.7	4.0
46 Domestic animals, poultry, and bees	5.9	14.8	4.9	9.6	4.8	4.5	16.6	21.8
47 Average values:								
48 All property per farm	20,477	18,919	31,384	32,136	14,202	12,042	7,770	15,007
49 Land and buildings per farm	18,742	15,684	29,256	28,458	13,107	11,189	6,193	11,134
50 Land per acre	73.27	15.58	108.61	31.73	71.97	89.66	13.88	11.43
51 Land per acre in 1900	<i>84.81</i>	<i>10.79</i>	<i>64.69</i>	<i>16.10</i>	<i>69.48</i>	<i>66.98</i>	<i>8.69</i>	<i>7.67</i>
DOMESTIC ANIMALS (farms and ranges)								
52 Farms reporting domestic animals	2,938	1,654	627	1,285	3,963	1,340	962	104
53 Value of domestic animals	3,850,155	4,733,160	900,280	4,119,104	3,105,853	739,727	1,282,743	357,497
Cattle:								
54 Total number	31,266	*118,704	15,288	*87,576	*46,030	10,100	34,119	7,787
55 Dairy cows	11,804	24,133	8,119	11,050	12,181	4,210	2,928	1,563
56 Other cows	6,801	22,403	2,305	22,752	12,251	1,811	15,433	2,208
57 Yearling heifers	3,636	10,345	1,848	6,891	4,449	1,113	3,678	850
58 Calves	4,900	15,635	2,375	11,524	5,443	1,779	3,308	874
59 Yearling steers and bulls	1,937	8,948	369	8,006	3,133	438	3,197	831
60 Other steers and bulls	1,908	33,180	272	24,578	7,552	749	5,850	1,401
61 Value	874,834	*2,789,415	463,466	*2,223,007	*1,218,007	259,560	677,694	199,165
62 Horses:								
63 Total number	*20,972	15,274	4,295	13,034	15,816	4,290	5,217	1,394
64 Mature horses	18,256	12,601	3,340	10,621	14,405	3,314	4,516	1,199
65 Yearling colts	1,597	1,686	253	1,442	899	260	488	155
66 Spring colts	1,089	987	102	971	612	116	213	40
67 Value	*2,247,876	1,451,056	425,976	1,398,385	1,763,731	435,787	396,414	136,605
68 Mules:								
69 Total number	3,530	877	12	443	274	88	294	20
70 Mature mules	3,169	754	10	362	267	84	224	20
71 Yearling colts	217	77	2	83	7	4	57	—
72 Spring colts	144	40	—	25	—	—	13	—
73 Value	482,560	108,795	915	53,740	29,026	8,150	23,225	1,450
74 Asses and burros:								
75 Number	62	19	2	24	11	6	23	4
76 Value	16,760	2,095	50	4,350	150	125	635	325
77 Swine:								
78 Total number	23,454	17,968	12,682	22,073	7,349	3,674	18,800	664
79 Mature hogs	11,750	8,692	5,602	15,113	4,165	2,165	12,322	370
80 Spring pigs	9,981	6,118	3,990	6,960	3,184	1,509	5,968	294
81 Value	143,626	110,830	93,912	162,635	61,121	27,421	96,329	4,198
82 Sheep:								
83 Total number	24,819	86,953	1,329	80,533	10,055	1,579	17,023	3,098
84 Rams, ewes, and wethers	14,807	54,717	767	60,205	4,419	876	11,449	3,005
85 Spring lambs	10,012	32,236	562	20,328	5,606	703	5,574	93
86 Value	83,771	256,156	5,140	275,259	32,553	5,454	44,945	15,579
87 Goats:								
88 Number	260	7,390	154	558	163	1,043	18,403	73
89 Value	728	14,783	509	1,698	665	3,230	41,501	134
POULTRY AND BEES								
90 Number of poultry of all kinds	175,456	119,822	47,625	89,995	209,093	85,705	35,873	4,458
91 Value	101,710	53,605	26,112	46,815	122,299	46,054	19,226	2,950
92 Number of colonies of bees	3,014	3,936	289	4,072	2,542	653	689	46
93 Value	8,161	16,268	953	12,621	8,615	2,645	1,620	128

¹ Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

* See explanation at close of text.

STATISTICS OF AGRICULTURE.

BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

	Siskiyou.	Solano.	Sonoma.	Stanislaus.	Sutter.	Tehama.	Trinity.	Tulare. ¹	Tuolumne.	Ventura.	Yolo.	Yuba.	Indian res.
1	18,801	27,559	48,304	22,522	6,328	11,401	3,340	9,979	18,347	13,926	10,042		
2	<i>16,952</i>	<i>24,145</i>	<i>53,480</i>	<i>9,560</i>	<i>5,886</i>	<i>10,399</i>	<i>4,385</i>	<i>13,376</i>	<i>11,169</i>	<i>14,367</i>	<i>15,618</i>	<i>8,620</i>	
3	1,114	1,143	4,772	2,687	873	1,006	308	4,021	386	1,293	1,255	436	
4	<i>891</i>	<i>1,151</i>	<i>5,678</i>	<i>951</i>	<i>728</i>	<i>1,065</i>	<i>272</i>	<i>2,212</i>	<i>457</i>	<i>1,899</i>	<i>1,254</i>	<i>463</i>	<i>287</i>
5	852	620	2,737	1,879	696	799	235	3,253	241	965	934	338	
6	218	449	2,012	801	154	185	55	707	143	307	255	91	
7	44	74	23	7	23	19	18	61	2	21	66	7	
8	1	6	40	13		7	6	9	1	13	4		
9	26	45	916	153	57	34	9	171	4	87	53	13	
10	31	60	830	319	119	99	9	390	15	120	115	20	
11	58	198	1,040	1,046	142	108	24	1,247	28	199	283	33	
12	98	170	522	439	91	102	23	647	27	214	166	34	
13	388	167	508	192	123	151	145	597	105	207	170	82	
14	84	89	233	83	84	61	23	198	38	142	83	30	
15	199	156	299	125	123	119	41	364	85	155	189	93	
16	124	144	202	142	78	86	15	197	43	90	107	64	
17	75	108	122	175	74	139	10	201	40	60	65	67	
18	4,093,840	526,080	1,069,280	928,000	389,120	1,851,520	2,026,240	3,107,840	1,401,600	1,201,920	648,960	408,960	
19	<i>4,858,876</i>	<i>474,866</i>	<i>744,044</i>	<i>649,322</i>	<i>383,462</i>	<i>915,227</i>	<i>91,310</i>	<i>1,045,251</i>	<i>193,072</i>	<i>559,190</i>	<i>463,383</i>	<i>249,100</i>	
20	<i>428,859</i>	<i>430,651</i>	<i>785,071</i>	<i>850,892</i>	<i>295,257</i>	<i>850,763</i>	<i>76,058</i>	<i>1,053,727</i>	<i>204,758</i>	<i>652,559</i>	<i>552,065</i>	<i>312,351</i>	<i>17,124</i>
21	186,147	310,452	248,271	512,189	199,510	186,642	13,300	507,024	36,407	213,868	317,208	94,250	
22	<i>181,059</i>	<i>344,043</i>	<i>221,371</i>	<i>627,709</i>	<i>206,377</i>	<i>259,635</i>	<i>14,144</i>	<i>546,289</i>	<i>36,471</i>	<i>174,419</i>	<i>351,215</i>	<i>154,013</i>	<i>6,244</i>
23	<i>82,554</i>	<i>44,552</i>	<i>273,027</i>	<i>18,756</i>	<i>13,901</i>	<i>206,324</i>	<i>31,882</i>	<i>163,000</i>	<i>62,215</i>	<i>64,911</i>	<i>77,576</i>	<i>70,175</i>	
24	187,185	119,880	217,860	118,447	171,996	522,351	46,128	376,547	94,450	280,270	68,539	84,683	
25	11.4	90.3	73.8	70.0	99.1	49.4	4.5	33.6	13.8	45.8	71.4	60.9	
26	40.8	65.4	33.3	78.9	51.8	20.4	14.6	48.5	18.9	38.9	68.5	37.8	
27	499.2	156.0	156.0	241.7	500.8	909.8	296.5	259.9	500.2	425.5	471.3	511.5	
28	167.1	271.6	52.0	190.6	228.5	185.5	43.2	126.1	94.3	165.4	269.2	216.2	
29	14,270,302	28,727,683	55,351,049	43,787,887	19,115,593	16,821,178	1,591,469	76,539,642	2,942,322	48,262,645	31,798,096	6,666,211	
30	<i>7,704,769</i>	<i>20,780,434</i>	<i>33,071,707</i>	<i>17,031,960</i>	<i>9,183,731</i>	<i>16,030,104</i>	<i>1,040,319</i>	<i>287,801</i>	<i>2,131,145</i>	<i>19,989,761</i>	<i>14,705,613</i>	<i>409,361</i>	
31	85.2	38.2	67.4	157.1	108.2	4.9	52.9	277.3	38.1	125.2	59.1	41.7	
32	10,352,935	23,025,051	41,512,705	35,324,243	14,869,242	12,932,446	900,855	64,455,554	1,779,470	41,826,120	25,604,710	4,911,611	
33	<i>6,084,110</i>	<i>16,993,519</i>	<i>25,286,750</i>	<i>15,674,850</i>	<i>6,976,520</i>	<i>11,720,120</i>	<i>585,540</i>	<i>15,488,500</i>	<i>1,824,269</i>	<i>18,549,290</i>	<i>10,906,250</i>	<i>3,375,150</i>	
34	1,411,810	2,278,540	8,758,787	3,520,475	2,032,555	1,234,375	274,260	4,195,452	451,955	2,365,140	2,799,277	688,556	
35	<i>1,059,359</i>	<i>1,966,729</i>	<i>4,646,559</i>	<i>1,237,929</i>	<i>387,750</i>	<i>2,091,809</i>	<i>171,530</i>	<i>1,576,620</i>	<i>397,859</i>	<i>1,491,859</i>	<i>1,935,659</i>	<i>637,159</i>	<i>78,559</i>
36	420,745	767,136	1,326,832	820,079	458,269	494,932	69,119	1,805,419	114,830	1,112,812	795,102	171,735	
37	<i>284,580</i>	<i>649,580</i>	<i>787,220</i>	<i>537,280</i>	<i>218,780</i>	<i>420,020</i>	<i>31,180</i>	<i>178,450</i>	<i>102,070</i>	<i>482,270</i>	<i>510,430</i>	<i>161,650</i>	<i>25,480</i>
38	2,084,812	2,656,925	3,142,240	4,323,000	1,755,547	2,159,425	347,235	6,083,217	596,027	2,958,573	2,518,947	894,300	
39	<i>1,279,749</i>	<i>1,321,834</i>	<i>2,291,157</i>	<i>1,851,929</i>	<i>804,931</i>	<i>1,778,104</i>	<i>254,639</i>	<i>2,293,791</i>	<i>346,965</i>	<i>1,910,977</i>	<i>1,637,451</i>	<i>539,883</i>	<i>86,451</i>
40	72.5	60.2	75.0	80.7	76.9	76.9	56.6	84.2	60.5	86.7	80.8	73.7	
41	9.9	7.9	15.8	7.6	10.6	7.3	17.2	5.5	15.4	4.9	8.8	10.3	
42	2.9	2.7	2.4	2.9	2.4	2.9	4.3	3.4	3.5	2.3	2.6	3.1	
43	14.6	9.2	9.8	9.6	9.2	12.8	8.8	7.9	20.3	6.1	7.9	13.4	
44	12,810	25,134	11,599	16,296	21,896	16,721	5,167	19,035	7,623	37,326	25,337	15,289	
45	<i>10,561</i>	<i>22,138</i>	<i>10,535</i>	<i>14,332</i>	<i>19,361</i>	<i>14,093</i>	<i>17,073</i>	<i>15,731</i>	<i>34,177</i>	<i>22,696</i>	<i>12,844</i>	<i>12,844</i>	
46	22.71	48.49	55.75	54.40	38.58	14.13	9.87	61.67	9.22	76.02	55.43	19.72	
47	<i>11.85</i>	<i>55.17</i>	<i>32.21</i>	<i>16.46</i>	<i>25.79</i>	<i>12.53</i>	<i>7.67</i>	<i>15.00</i>	<i>6.27</i>	<i>33.68</i>	<i>28.81</i>	<i>12.78</i>	
48	1,034	1,087	4,339	2,555	821	949	296	3,805	372	1,297	1,178	422	
49	<i>2,053,544</i>	<i>2,616,747</i>	<i>2,928,810</i>	<i>4,240,461</i>	<i>1,709,131</i>	<i>2,119,800</i>	<i>342,080</i>	<i>5,950,238</i>	<i>555,892</i>	<i>2,826,239</i>	<i>2,465,128</i>	<i>875,229</i>	
50	45,079	21,784	45,727	49,132	116,604	25,309	11,885	104,484	18,659	629,929	18,977	13,594	
51	7,018	9,279	24,961	20,678	6,728	3,462	804	26,765	1,773	2,666	7,197	2,255	
52	14,781	4,257	5,835	9,047	3,254	10,691	5,143	29,475	8,415	5,887	3,761	4,773	
53	5,965	1,933	4,804	5,294	1,939	2,646	1,415	11,911	2,040	2,139	2,654	1,628	
54	4,919	9,179	9,517	7,252	2,623	3,520	1,129	16,092	2,977	2,442	2,649	1,827	
55	5,359	1,187	1,805	2,922	1,012	2,590	1,308	8,784	1,531	2,095	1,194	1,152	
56	6,513	1,408	1,705	3,765	823	2,400	2,089	10,429	1,223	10,850	1,522	1,959	
57	<i>1,910,902</i>	<i>605,378</i>	<i>1,166,971</i>	<i>1,726,698</i>	<i>465,302</i>	<i>512,747</i>	<i>211,324</i>	<i>2,713,506</i>	<i>377,606</i>	<i>701,498</i>	<i>553,417</i>	<i>276,046</i>	
58	9,150	8,050	13,728	14,357	5,684	5,676	1,306	22,200	2,491	11,480	9,135	3,244	
59	7,690	6,993	12,611	11,818	4,869	5,073	1,150	15,917	2,053	9,955	7,327	2,803	
60	1,037	695	733	1,129	587	525	117	2,003	242	96	814	288	
61	423	362	384	228	278	309	193	850	130	850	324	153	
62	834,467	884,500	1,355,510	1,555,290	573,051	464,472	90,724	2,334,909	165,980	11,497,792	907,457	278,764	
63	593	2,319	398	5,442	2,096	1,675	168	3,655	91	2,362	3,855	990	
64	300	2,157	388	5,032	1,922	1,409	142	3,149	76	2,250	3,501	726	
65	76	84	8	236	107	163	19	288	7	66	265	48	
66	37	78	2	174	67	103	7	218	8	46	189	26	
67	44,929	285,806	48,025	703,567	272,402	171,979	9,955	495,410	7,035	407,950	555,410	78,900	
68	22	23	28	31	20	23	8	103	26	60	46	31	
69	4,610	2,800	6,230	7,835	6,670	7,880	670	20,534	1,155	10,310	10,480	3,515	
70	9,512	13,568	18,423	23,027	15,129	14,940	4,051	38,192	3,983	10,498	24,197	5,539	
71	6,116	8,836	10,905	13,610	9,121	10,915	2,594	23,942	2,590	6,984	15,453	3,283	
72	3,306	4,732	7,428	9,417	6,008	4,025	1,457	14,250	1,303	3,514	8,714	2,251	
73	58,475	89,525	125,448	158,491	105,752	75,941	17,281	301,227	21,620	87,633	152,155	32,101	
74	29,922	170,153	65,315	23,252	89,665	297,736	3,813	21,184	2,466	31,771	79,446	67,662	
75	18,013	96,921	44,095	15,874	51,135	185,023	2,732	14,014	1,795	16,113	49,807	40,344	
76	11,976	71,239	21,230	74,116	38,590	112,718	1,081	12,718	1,081	12,718	25,658	23,680	
77	99,882	737,457	224,274	86,005	284,023	850,456	10,486	79,690	8,658	119,783	284,627	204,939	
78	384	392	2,991	217	511	28,473	845	2,979	1,609	621	716	502	
79	1,079	1,218	7,992	575	2,031	36,323	1,619	8,632	3,868	1,273	1,552	964	
80	49,413	74,683	1,362,399	128,905	68,861	69,852	7,712	191,965	15,989	60,992	76,972	27,896	
81	<i>22,561</i>	<i>39,384</i>	<i>821,259</i>	<i>74,116</i>	<i>38,590</i>	<i>37,989</i>	<i>4,729</i>	<i>102,352</i>	<i>9,116</i>	<i>31,216</i>	<i>43,328</i>	<i></i>	

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY TENURE: COLOR
 [Comparative data for June 1, 1900, in italics.]

	THE STATE.	Alameda.	Alpine.	Amador.	Butte.	Calaveras.
FARMS OPERATED BY OWNERS						
1	Number of farms.....	66,632	1,690	32	437	1,230
2	Number of farms in 1900.....	<i>55,529</i>	<i>1,792</i>	<i>54</i>	<i>478</i>	<i>901</i>
3	Per cent of all farms.....	75.4	69.3	76.2	81.4	82.0
4	Per cent of all farms in 1900.....	<i>72.4</i>	<i>64.3</i>	<i>91.9</i>	<i>85.0</i>	<i>88.6</i>
5	Land in farms.....acres.....	15,125,339	174,391	25,556	192,535	297,289
6	Improved land in farms.....	6,464,472	67,254	5,979	35,574	150,497
7	Value of land and buildings.....dollars.....	882,447,830	21,310,610	467,443	2,630,140	13,636,125
8	Degree of ownership:					
9	Farms consisting of owned land only.....	56,500	1,447	30	376	1,072
10	Farms consisting of owned and hired land.....	10,132	243	2	61	158
11	Color and nativity of owners:					
12	Native white.....	45,780	502	17	311	986
13	Foreign-born white.....	19,914	1,086	13	123	238
14	Negro and other nonwhite.....	938	12	2	3	6
FARMS OPERATED BY TENANTS						
15	Number of farms.....	18,148	646	8	89	217
16	Number of farms in 1900.....	<i>16,760</i>	<i>898</i>	<i>2</i>	<i>73</i>	<i>220</i>
17	Per cent of all farms.....	27.1	38.7	19.0	16.6	14.5
18	Per cent of all farms in 1900.....	<i>23.1</i>	<i>36.1</i>	<i>2.7</i>	<i>15.0</i>	<i>18.7</i>
19	Land in farms.....acres.....	6,201,133	95,155	3,488	18,401	78,959
20	Improved land in farms.....	3,196,797	67,146	1,455	5,770	54,355
21	Value of land and buildings.....dollars.....	338,609,243	9,443,363	135,000	442,660	2,769,670
22	Form of tenancy:					
23	Share tenants.....	6,135	183	.....	9	89
24	Share-cash tenants.....	704	22	.....	3	13
25	Cash tenants.....	9,737	386	7	73	86
26	Tenure not specified.....	1,572	55	1	4	29
27	Color and nativity of tenants:					
28	Native white.....	10,505	217	5	66	171
29	Foreign-born white.....	5,565	376	3	21	30
30	Negro and other nonwhite.....	2,078	53	.....	2	16
FARMS OPERATED BY MANAGERS						
31	Number of farms.....	3,417	86	2	11	53
32	Number of farms in 1900.....	<i>2,253</i>	<i>99</i>	<i>2</i>	<i>11</i>	<i>58</i>
33	Land in farms.....acres.....	6,604,972	38,761	2,960	80,794	114,529
34	Improved land in farms.....	1,728,625	12,914	145	5,625	42,245
35	Value of land and buildings.....dollars.....	229,544,415	3,246,790	17,000	770,020	5,280,200
MORTGAGE DEBT REPORTS¹						
36	For all farms operated by owners:					
37	Number free from mortgage debt.....	39,368	1,204	22	364	745
38	Number with mortgage debt.....	29,749	467	10	72	457
39	Number with no mortgage report.....	515	19	.....	1	5
40	For farms consisting of owned land only:					
41	Number reporting debt and amount.....	21,490	384	8	62	385
42	Value of their land and buildings.....dollars.....	250,190,190	3,691,870	87,000	347,628	3,325,491
43	Amount of mortgage debt.....dollars.....	60,036,650	958,657	30,800	86,515	807,233
44	Per cent of value of land and buildings.....	24.0	26.0	35.4	24.9	24.3

¹ Change of boundary. (See explanation at close of text.)

² Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS						
Dairy Products						
1	Dairy cows on farms reporting dairy products.....number.....	498,812	8,649	747	2,450	3,374
2	Dairy cows on farms reporting milk produced.....number.....	315,385	8,448	662	2,213	3,110
3	Milk—Produced.....gallons.....	154,901,906	4,618,380	354,767	743,667	1,070,818
4	Sold.....gallons.....	45,333,432	2,253,633	600	42,520	124,068
5	Cream sold.....gallons.....	3,397,961	61,325	7,517	1,455	15,582
6	Butter fat sold.....pounds.....	18,176,719	86,292	57,343	130,888	76,755
7	Butter—Produced.....pounds.....	15,301,871	252,603	28,613	68,812	124,437
8	Sold.....pounds.....	10,285,383	108,356	24,665	25,040	56,902
9	Cheese—Produced.....pounds.....	2,777,873	675	900	32,517	.....
10	Sold.....pounds.....	2,513,815	560	300	29,351	.....
11	Value of dairy products, excluding home use of milk and cream.....dollars.....	20,443,977	580,130	30,970	76,996	95,501
12	Receipts from sale of dairy products.....dollars.....	19,083,297	544,118	29,902	64,338	77,302
Poultry Products						
13	Poultry—Raised.....number.....	7,096,339	230,417	2,547	23,628	94,183
14	Sold.....number.....	3,678,208	121,340	585	45,669	111,161
15	Eggs—Produced.....dozens.....	35,907,973	1,391,728	8,904	142,824	377,598
16	Sold.....dozens.....	26,867,687	1,089,618	3,874	82,967	218,682
17	Value of poultry and eggs produced.....dollars.....	12,705,948	471,709	3,618	49,621	158,052
18	Receipts from sale of poultry and eggs.....dollars.....	8,736,282	340,122	1,386	27,272	95,058
Honey and Wax						
19	Honey produced.....pounds.....	10,264,715	9,848	220	2,402	9,702
20	Wax produced.....pounds.....	126,445	179	.....	100	118
21	Value of honey and wax produced.....dollars.....	665,367	1,321	23	326	924
Wool, Mohair, and Goat Hair						
22	Wool, fleeces shorn.....number.....	2,275,389	5,783	6,790	7,253	38,261
23	Mohair and goat hair, fleeces shorn.....number.....	102,134	.....	.....	449	1,749
24	Value of wool and mohair produced.....dollars.....	2,205,928	4,930	9,561	5,882	33,991
DOMESTIC ANIMALS SOLD OR SLAUGHTERED						
25	Cattle—Sold or slaughtered.....number.....	198,005	4,447	217	1,424	1,470
26	Other cattle—Sold or slaughtered.....number.....	585,239	5,523	1,100	6,948	17,209
27	Horses, mules, and asses and burros—Sold.....number.....	89,071	.....	14	152	723
28	Pigs—Sold or slaughtered.....number.....	560,948	3,393	633	2,986	4,462
29	Sheep and goats—Sold or slaughtered.....number.....	875,627	3,729	1,157	1,182	16,295
30	Receipts from sale of animals.....dollars.....	31,130,113	314,415	55,611	254,523	701,900
31	Value of animals slaughtered.....dollars.....	2,497,007	20,791	6,752	25,289	41,832

STATISTICS OF AGRICULTURE.

645

AND NATIVITY OF FARMERS; AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910.

[Comparative data for June 1, 1900, in Italics.]

	Colusa.	Contra Costa.	Del Norte.	Eldorado.	Fresno. ¹	Glenn.	Humboldt. ²	Imperial. ²	Inyo.	Kern.	Kings. ¹	Lake.
1	449	890	79	642	5,227	512	991	824	361	846	1,391	484
2	572	867	98	672	4,469	369	1,006	(1)	352	835	1,854	578
3	67.3	60.8	69.3	89.7	83.7	77.2	64.6	62.3	82.4	72.5	75.7	80.3
4	67.4	67.4	70.2	88.5	73.2	68.1	67.1	(1)	85.0	75.2	70.2	79.9
5	316,673	166,989	22,322	188,104	555,934	307,502	333,543	136,926	68,256	372,204	202,731	149,872
6	210,210	111,723	8,186	37,889	303,655	180,993	51,070	100,155	27,831	83,639	110,492	31,123
7	11,583,985	12,888,440	907,580	2,714,885	53,627,075	9,384,020	8,607,088	11,936,125	3,956,276	8,793,860	17,092,101	3,876,105
8	306	727	69	602	4,749	418	865	699	347	756	1,170	407
9	143	163	10	40	478	94	126	125	14	90	221	77
10	361	436	50	490	3,339	387	585	684	254	622	1,037	371
11	86	442	26	141	1,769	125	348	90	83	216	339	111
12	2	12	3	11	119	.....	58	60	24	8	15	2
13	201	502	30	68	739	135	497	421	73	263	390	107
14	266	652	39	81	734	169	458	(1)	63	254	254	135
15	30.1	34.3	26.3	9.5	11.8	20.4	32.4	31.8	16.7	22.5	21.2	17.7
16	34.9	58.6	29.8	10.7	25.8	28.4	29.2	(1)	14.9	21.7	26.1	18.4
17	181,108	187,918	11,855	19,194	128,754	139,246	180,251	65,145	31,126	78,949	101,803	48,652
18	103,427	121,150	3,721	4,066	96,420	102,960	43,142	57,748	8,662	39,058	50,336	10,398
19	4,761,985	12,856,910	549,600	297,100	10,814,905	3,559,575	8,125,552	6,222,430	1,136,050	2,985,137	6,840,215	1,005,710
20	92	153	1	9	403	81	15	145	18	62	185	17
21	21	17	.....	1	9	3	13	22	6	7	3	3
22	54	313	22	40	254	44	47	242	33	137	188	82
23	34	19	12	18	73	7	33	12	16	67	10	5
24	169	222	9	56	439	101	242	325	55	151	232	95
25	26	254	18	8	137	33	187	15	72	72	123	11
26	6	20	3	4	113	1	4	51	3	40	35	.....
27	17	73	5	6	279	16	46	77	4	58	56	12
28	7	62	.....	6	97	19	66	(1)	9	34	44	12
29	24,595	51,626	1,770	3,583	421,928	44,360	128,742	21,531	10,760	952,197	69,199	18,940
30	22,866	29,279	532	627	190,130	25,812	10,436	18,166	2,205	192,690	35,741	1,335
31	924,845	3,634,185	72,500	81,651	17,556,773	1,391,840	1,699,917	2,368,570	677,000	19,525,944	3,621,250	693,400
32	251	642	69	492	2,072	291	687	584	254	530	642	345
33	196	243	20	145	3,128	220	293	236	106	311	747	132
34	2	5	.....	5	27	1	11	4	1	5	2	6
35	123	184	16	127	2,724	170	230	194	96	256	587	107
36	1,443,045	2,122,140	137,900	567,100	24,983,327	1,703,360	2,436,615	2,867,600	1,184,200	2,764,650	5,888,820	847,400
37	444,355	674,905	44,900	161,873	6,388,663	403,568	611,134	697,384	227,142	771,974	1,541,990	213,200
38	30.8	27.1	32.7	28.5	25.6	23.7	25.1	24.3	19.2	21.2	26.2	25.2

¹ No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909.

1	2,524	8,986	3,337	2,630	19,988	2,514	19,763	7,361	1,875	5,280	17,376	1,232
2	2,409	8,378	546	2,383	11,637	2,301	12,914	4,622	1,372	4,355	16,654	1,181
3	994,876	4,668,362	302,431	739,710	5,908,174	829,791	8,608,984	2,103,546	868,899	1,892,902	8,078,271	556,169
4	15,710	2,695,336	638,622	71,900	1,672,521	135,154	2,518,278	85,940	215,633	256,061	268,498	132,681
5	11,206	53,708	682	9,837	84,594	28,748	109,651	51,930	4,759	122,429	448,917	6
6	170,073	285,786	.....	75	1,532,215	25,155	2,711,304	771,311	24,209	200,872	1,329,936	.....
7	75,829	226,976	461,303	176,354	514,946	86,762	475,773	71,581	116,364	73,839	78,295	92,723
8	30,762	128,685	452,709	120,388	159,126	31,836	387,608	21,738	86,970	26,655	12,840	39,407
9	272	9,790	.....	3,734	41,210	.....	.....	1,400	5,426	30,051	139,000	200
10	.....	9,450	.....	1,290	39,485	.....	.....	1,406	3,926	29,531	135,900	50
11	96,493	513,585	183,136	74,999	850,240	73,207	1,351,577	313,743	69,308	245,601	834,251	37,420
12	84,222	486,884	178,797	59,081	767,828	60,676	1,326,968	298,721	60,204	231,629	815,033	24,439
13	73,034	154,332	3,357	28,499	266,221	67,529	67,310	84,062	50,067	89,520	153,839	37,976
14	31,414	66,142	801	12,367	96,286	33,290	25,401	33,105	22,081	38,962	77,470	16,799
15	249,239	684,951	13,767	132,910	1,267,840	222,286	332,115	294,826	146,332	394,130	687,032	135,091
16	139,164	504,300	5,007	74,257	658,249	149,128	179,660	146,355	107,335	240,366	487,306	71,415
17	92,466	247,618	4,651	45,411	419,265	110,010	115,116	135,526	67,836	148,062	248,495	56,581
18	35,008	165,673	1,773	24,347	205,011	71,111	60,755	70,967	42,286	84,931	167,841	32,332
19	67,689	15,950	1,395	8,105	616,609	10,982	23,481	514,125	312,620	204,920	238,791	5,105
20	798	284	.....	75	7,261	.....	367	4,453	2,131	3,832	3,148	455
21	5,790	1,382	152	696	33,356	1,194	2,602	29,444	12,129	12,028	12,028	455
22	73,221	14,715	1,238	3,808	107,862	131,612	85,212	12,755	17,847	24,177	73,393	10,372
23	4,699	.....	40	933	1,900	5,177	2,540	26	505	355	26	6,603
24	56,620	10,869	2,070	3,504	109,382	101,749	104,530	17,087	27,761	26,540	58,836	12,922
25	1,876	4,675	374	912	7,490	1,129	9,899	1,649	187	4,244	6,463	885
26	7,415	6,835	727	4,727	22,442	6,639	11,855	19,385	6,090	23,692	2,9948	2,9948
27	595	679	6	8	1,904	548	243	1,894	580	574	927	155
28	17,865	5,820	1,191	1,948	24,140	9,520	10,748	59,063	2,394	9,545	36,751	6,114
29	32,988	11,240	439	1,221	42,286	31,967	12,504	5,682	18,408	21,736	21,096	3,396
30	538,903	326,350	23,964	120,201	1,324,168	413,709	487,384	1,701,217	297,654	1,015,548	932,227	140,122
31	54,361	48,791	6,111	33,265	89,080	58,528	62,917	9,661	44,574	62,346	46,144	20,863

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY TENURE; COLOR AND [Comparative data for June 1, 1900, in Italics.]

	Lassen.	Los Angeles.	Madera.	Marin.	Mariposa.	Mendocino. ¹	Merced.	Modoc.
FARMS OPERATED BY OWNERS								
1 Number of farms.....	414	5,599	419	196	292	1,069	1,405	594
2 <i>Number of farms in 1900.....</i>	<i>453</i>	<i>4,825</i>	<i>557</i>	<i>162</i>	<i>357</i>	<i>1,173</i>	<i>75,868</i>	<i>592</i>
3 Per cent of all farms.....	52.5	70.7	73.1	39.4	88.5	78.8	75.7	80.7
4 <i>Per cent of all farms in 1900.....</i>	<i>81.6</i>	<i>73.4</i>	<i>68.3</i>	<i>55.1</i>	<i>88.6</i>	<i>80.8</i>	<i>69.0</i>	<i>78.7</i>
5 Land in farms.....acres.....	230,413	332,454	218,015	45,102	182,152	437,350	432,040	299,576
6 <i>Improved land in farms.....acres.....</i>	<i>92,423</i>	<i>206,046</i>	<i>134,749</i>	<i>24,102</i>	<i>33,238</i>	<i>53,402</i>	<i>303,964</i>	<i>113,727</i>
7 <i>Value of land and buildings.....dollars.....</i>	<i>5,624,292</i>	<i>108,365,447</i>	<i>5,139,858</i>	<i>2,764,575</i>	<i>1,749,442</i>	<i>7,909,212</i>	<i>17,109,969</i>	<i>6,050,775</i>
8 Degree of ownership:								
9 Farms consisting of owned land only.....	374	4,905	351	183	266	955	1,128	518
10 Farms consisting of owned and hired land.....	40	794	68	13	26	114	277	76
11 Color and nativity of owners:								
12 Native white.....	334	4,332	301	71	218	758	795	505
Foreign-born white.....	67	1,236	104	125	61	287	597	72
Negro and other nonwhite.....	13	31	14	.....	13	24	13	17
FARMS OPERATED BY TENANTS								
13 Number of farms.....	71	1,968	131	291	34	240	393	115
14 <i>Number of farms in 1900.....</i>	<i>72</i>	<i>1,560</i>	<i>148</i>	<i>287</i>	<i>42</i>	<i>240</i>	<i>806</i>	<i>116</i>
15 Per cent of all farms.....	14.1	24.9	22.9	58.4	10.3	17.7	21.2	15.6
16 <i>Per cent of all farms in 1900.....</i>	<i>15.0</i>	<i>20.7</i>	<i>28.3</i>	<i>62.1</i>	<i>11.0</i>	<i>16.5</i>	<i>21.2</i>	<i>18.2</i>
17 Land in farms.....acres.....	33,029	213,450	201,055	207,001	17,905	125,455	212,285	50,366
18 <i>Improved land in farms.....acres.....</i>	<i>16,134</i>	<i>101,281</i>	<i>184,434</i>	<i>61,462</i>	<i>8,569</i>	<i>20,814</i>	<i>134,422</i>	<i>24,904</i>
19 <i>Value of land and buildings.....dollars.....</i>	<i>780,800</i>	<i>55,841,817</i>	<i>4,957,655</i>	<i>6,912,780</i>	<i>131,838</i>	<i>2,475,562</i>	<i>7,581,287</i>	<i>1,339,640</i>
20 Form of tenancy:								
21 Share-cash tenants.....	26	413	101	7	5	33	199	67
22 Share-cash tenants.....	.....	63	.....	1	.....	3	11	1
23 Cash tenants.....	36	1,297	17	274	24	174	156	43
24 Tenure not specified.....	9	195	12	9	5	30	27	4
25 Color and nativity of tenants:								
26 Native white.....	64	1,059	101	61	31	170	218	110
Foreign-born white.....	7	319	21	230	2	67	170	5
Negro and other nonwhite.....	.....	590	9	.....	1	3	5	.....
FARMS OPERATED BY MANAGERS								
27 Number of farms.....	17	352	23	11	4	47	58	27
28 <i>Number of farms in 1900.....</i>	<i>50</i>	<i>532</i>	<i>78</i>	<i>15</i>	<i>2</i>	<i>59</i>	<i>26</i>	<i>20</i>
29 Land in farms.....acres.....	32,280	219,081	201,593	11,539	6,002	153,530	517,822	60,162
30 <i>Improved land in farms.....acres.....</i>	<i>15,495</i>	<i>51,671</i>	<i>71,903</i>	<i>7,551</i>	<i>3,270</i>	<i>8,362</i>	<i>169,356</i>	<i>26,153</i>
31 <i>Value of land and buildings.....dollars.....</i>	<i>692,200</i>	<i>27,945,807</i>	<i>2,937,720</i>	<i>864,100</i>	<i>212,000</i>	<i>2,205,800</i>	<i>17,084,655</i>	<i>992,850</i>
MORTGAGE DEBT REPORTS²								
32 For all farms operated by owners:								
33 Number free from mortgage debt.....	290	3,176	294	118	242	796	613	432
34 Number with mortgage debt.....	122	2,321	114	73	39	266	782	159
35 Number with no mortgage report.....	2	102	11	5	11	7	10	3
36 For farms consisting of owned land only:								
37 Number reporting debt and amount.....	108	1,589	1,182,305	67,775	65	35	225	584
38 <i>Value of their land and buildings.....dollars.....</i>	<i>1,464,400</i>	<i>31,540,310</i>	<i>1,182,305</i>	<i>664,175</i>	<i>250,720</i>	<i>1,832,841</i>	<i>6,570,345</i>	<i>1,786,230</i>
39 <i>Amount of mortgage debt.....dollars.....</i>	<i>272,163</i>	<i>6,446,025</i>	<i>190,817</i>	<i>229,074</i>	<i>52,275</i>	<i>453,647</i>	<i>1,409,143</i>	<i>354,069</i>
40 <i>Per cent of value of land and buildings.....</i>	<i>18.6</i>	<i>20.5</i>	<i>16.1</i>	<i>39.0</i>	<i>20.8</i>	<i>24.8</i>	<i>21.4</i>	<i>18.9</i>

¹ Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

² Change of boundary. (See explanation at close of text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS									
Dairy Products									
1 Dairy cows on farms reporting dairy products.....	number	2,701	16,155	1,233	24,534	637	5,547	17,185	2,641
2 Dairy cows on farms reporting milk produced.....	number	1,447	14,920	619	17,889	620	5,014	12,080	2,591
3 Milk—Produced.....	gallons.....	531,988	8,447,162	186,821	8,575,850	84,728	2,030,479	6,700,019	808,920
4 <i>Sold.....</i>	gallons.....	81,590	7,029,161	185,712	3,076,945	1,130	739,657	144,831	18,624
5 <i>Cream sold.....</i>	gallons.....	1,820	12,404	8,829	174,069	1,600	4,468	84,374	2,038
6 <i>Butter fat sold.....</i>	pounds.....	9,062	1,480	.....	225,545	.....	39,172	2,710,996	26,003
7 <i>Butter—Produced.....</i>	pounds.....	279,685	323,374	48,459	2,280,217	12,753	355,048	94,602	153,175
8 <i>Sold.....</i>	pounds.....	208,845	135,263	22,637	2,240,638	2,712	222,894	19,276	55,288
9 <i>Cheese—Produced.....</i>	pounds.....	160	1,643	.....	101,743	.....	1,357	200,840	9,680
10 <i>Sold.....</i>	pounds.....	.....	600	.....	100,938	.....	383	198,750	3,330
11 <i>Value of dairy products, excluding home use of milk and cream.....</i>	dollars.....	85,832	1,415,144	46,284	1,295,606	6,590	189,528	1,009,740	51,371
12 <i>Receipts from sale of dairy products.....</i>	dollars.....	67,998	1,362,257	39,624	1,280,315	3,731	156,117	990,716	26,450
Poultry Products									
13 Poultry—Raised.....	number	28,407	586,566	28,137	141,629	19,583	64,935	136,205	38,112
14 <i>Sold.....</i>	number	11,982	382,775	9,967	74,114	8,495	28,745	44,589	12,888
15 <i>Eggs—Produced.....</i>	dozens.....	106,897	2,332,397	67,932	1,465,911	49,728	337,781	454,115	134,731
16 <i>Sold.....</i>	dozens.....	37,455	1,786,355	29,706	1,363,049	19,556	160,251	306,958	57,087
17 <i>Value of poultry and eggs produced.....</i>	dollars.....	41,289	951,299	29,336	422,837	28,844	121,577	184,810	48,357
18 <i>Receipts from sale of poultry and eggs.....</i>	dollars.....	16,678	699,807	11,283	365,217	16,617	67,074	109,884	17,333
Honey and Wax									
19 Honey produced.....	pounds.....	5,642	1,280,820	16,439	295	300	6,090	204,098	19,796
20 Wax produced.....	pounds.....	5	15,501	370	55	25	34	3,150	232
21 <i>Value of honey and wax produced.....</i>	dollars.....	643	93,569	1,052	49	51	667	10,993	2,055
Wool, Mohair, and Goat Hair									
22 Wool, fleeces shorn.....	number	36,768	31,754	4,905	2,823	35.5	149,260	46,908	39,538
23 Mohair and goat hair, fleeces shorn.....	number	2,088	230	60	.....	154	2,315	8,400	1,356
24 <i>Value of wool and mohair produced.....</i>	dollars.....	55,154	32,366	2,272	2,816	376	188,918	39,400	55,883
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25 Calves—Sold or slaughtered.....	number	968	7,736	744	17,201	148	1,687	8,181	2,548
26 <i>Other cattle—Sold or slaughtered.....</i>	number	17,081	7,198	4,981	1,663	4,799	8,577	32,880	27,008
27 <i>Horses, mules and asses and burros—Sold.....</i>	number	1,417	619	302	81	82	355	867	3,487
28 <i>Swine—Sold or slaughtered.....</i>	number	4,504	22,157	3,797	8,384	5,405	13,073	28,622	6,943
29 <i>Sheep and goats—Sold or slaughtered.....</i>	number	23,853	5,015	442	397	542	19,023	34,424	33,168
30 <i>Receipts from sale of animals.....</i>	dollars.....	746,769	710,569	234,774	196,947	166,767	346,864	1,669,927	1,184,669
31 <i>Value of animals slaughtered.....</i>	dollars.....	68,782	63,561	12,739	82,917	17,659	103,675	43,405	66,016

NATIVITY OF FARMERS; AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

	Mono.	Monterey.	Napa.	Nevada.	Orange.	Placer.	Plumas.	Riverside.	Sacramento.	San Benito.	San Bernardino.	San Diego. ¹	San Francisco.
1	75	1,063	1,166	476	2,531	748	183	2,291	1,011	653	2,532	1,845	82
2	98	1,199	899	455	1,871	807	280	1,747	888	686	1,867	2,251	161
3	82.4	64.1	75.9	87.5	80.0	70.4	82.8	85.2	63.1	70.9	85.9	80.3	52.2
4	87.5	64.8	67.5	83.5	78.4	75.0	82.4	74.7	63.9	76.7	79.4	82.7	53.0
5	49,072	591,593	204,788	147,936	135,784	192,459	101,601	299,991	292,725	546,502	121,696	569,826	992
6	16,430	189,291	55,863	21,413	94,477	67,121	40,925	190,041	152,558	126,014	85,661	150,677	644
7	717,713	14,123,996	9,863,544	2,072,927	41,113,475	5,832,709	2,209,760	32,438,787	18,965,395	7,733,952	48,500,546	18,896,972	1,143,700
8	69	844	1,074	426	2,101	653	166	1,918	868	551	2,189	1,359	75
9	6	219	92	50	430	95	17	373	143	102	343	488	7
10	32	639	754	303	1,899	506	123	1,744	638	438	2,021	1,251	18
11	38	422	412	168	626	228	57	446	350	215	500	497	64
12	5	2	.....	5	6	15	3	101	33	.....	11	87	.....
13	13	534	297	55	506	291	28	293	529	233	183	360	69
14	19	600	323	78	457	246	40	816	457	189	207	310	135
15	14.3	32.2	19.3	10.1	16.0	27.4	12.7	10.9	33.2	25.3	6.2	15.7	43.9
16	8.9	32.4	24.3	14.9	18.3	22.9	15.0	11.8	52.8	20.8	8.8	11.6	44.4
17	6,000	258,258	99,310	13,926	142,104	46,018	21,588	98,774	125,108	103,403	27,130	126,752	1,091
18	4,287	142,640	29,413	2,498	79,626	26,967	10,789	55,461	83,291	47,704	15,982	62,907	910
19	117,250	10,890,810	3,553,500	252,650	12,321,300	2,854,175	368,150	3,738,276	11,123,325	3,751,714	3,040,110	4,241,935	1,236,870
20	5	249	68	5	271	59	2	134	195	104	91	115	.....
21	.....	25	.....	.....	17	6	.....	11	11	11	6	30	.....
22	8	251	204	48	200	211	48	19	95	295	84	67	180
23	.....	9	20	2	18	15	7	5	29	34	19	35	28
24	9	248	201	37	361	95	23	230	201	152	156	266	58
25	4	239	92	31	41	46	5	124	46	124	73	22	5
26	.....	47	4	5	78	165	.....	17	207	16	5	21	8
27	3	61	74	13	128	23	10	104	58	35	234	93	6
28	4	61	112	9	80	25	7	318	49	22	276	167	8
29	60,600	297,565	56,482	13,536	93,804	9,603	11,070	122,041	55,211	94,396	59,370	137,848	8
30	22,665	39,569	16,036	632	15,432	4,520	2,567	23,649	40,133	12,955	34,982	20,461	8
31	907,550	5,048,922	3,035,282	156,240	7,178,775	460,700	155,900	6,853,279	3,842,100	1,123,345	13,779,550	4,133,207	43,330
32	63	749	760	398	1,294	478	131	1,279	673	385	1,344	1,339	57
33	12	295	411	76	1,228	269	51	996	326	262	1,178	501	14
34	.....	19	5	.....	9	1	1	10	12	6	10	5	11
35	10	222	358	63	957	217	43	816	273	210	961	342	9
36	230,900	3,002,171	2,905,375	260,165	12,557,760	1,614,735	566,940	11,969,410	3,894,145	2,354,830	17,434,500	3,235,500	126,600
37	52,350	755,391	745,253	56,270	2,934,955	371,680	113,354	2,933,463	840,241	767,233	3,958,213	3,275,200	30,250
38	22.7	25.2	25.7	21.6	23.4	23.0	20.0	24.7	21.6	32.6	22.7	22.6	23.9

* No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909—Continued.

1	335	11,925	5,788	2,283	5,281	1,967	3,293	4,179	7,832	3,875	2,517	9,918	1,350
2	25	5,614	5,620	2,189	4,428	1,940	2,107	3,376	4,337	3,553	2,436	8,003	1,045
3	80,600	2,551,454	2,869,707	815,020	2,201,110	633,320	1,181,962	1,643,799	2,096,379	1,669,029	1,371,929	3,444,962	792,138
4	290	3,149,126	576,037	117,834	991,749	97,290	11,559	632,732	722,539	395,156	411,176	995,487	911,108
5	259	133,678	54,943	2,690	27,557	6,631	14,121	33,804	65,912	56,242	14,032	21,432	730
6	.....	87,358	24,631	4,257	60,268	4,472	171,252	83,363	173,434	67,463	3,550	293,884	.....
7	30,202	286,450	381,930	158,271	333,283	108,876	237,330	312,245	164,427	74,131	207,745	355,616	144
8	17,455	197,820	240,258	100,629	157,925	49,002	198,234	232,836	124,767	19,543	89,630	395,616	48
9	.....	59,680	35,226	1,970	50	30,545	2,500	650	497,064	137,685	362	2,895	.....
10	.....	3,240	33,500	535	.....	39,065	230	250	493,044	131,636	1,639	.....	.....
11	9,155	620,934	242,846	86,513	290,247	63,203	121,255	239,917	396,539	160,426	160,151	474,779	158,014
12	4,890	588,468	208,809	69,775	241,741	46,794	111,267	215,747	384,557	143,537	123,555	423,545	157,971
13	2,559	123,743	105,428	35,776	239,536	62,151	15,163	95,767	144,704	79,550	105,606	174,778	196,020
14	842	32,219	35,087	19,411	128,373	30,378	51,447	39,153	45,531	41,433	50,750	138,600	158,400
15	4,541	751,177	662,169	150,536	1,198,240	235,696	48,511	438,099	666,906	686,264	579,685	921,117	110,057
16	1,359	560,964	482,350	81,072	322,362	126,720	22,964	285,779	482,465	361,433	301,194	700,206	90,589
17	2,988	231,683	218,003	63,612	414,692	110,974	22,206	183,490	249,821	225,891	228,998	357,579	126,595
18	946	156,320	153,300	35,325	293,780	66,737	10,707	108,014	168,428	178,121	114,223	240,609	111,820
19	20,355	177,279	8,939	5,452	325,656	2,764	7,338	2,280	902,106	55,272	68,253	363,025	1,559,607
20	425	2,619	204	42	2,704	80	12	915	12	773	5,883	18,889	.....
21	2,049	14,708	942	779	18,525	514	308	62,337	5,393	5,671	23,466	89,401	.....
22	29,160	24,884	9,955	10,607	62,072	28,811	593	4,536	41,103	19,457	.....	155	3
23	.....	3,000	153	1,043	.....	177	.....	13	7	.....	.....	60	.....
24	11,209	26,549	7,196	8,382	51,474	21,728	767	2,600	35,449	18,974	.....	195	4
25	625	5,890	3,925	1,246	2,551	1,140	550	2,223	5,762	2,122	798	3,822	674
26	3,567	15,714	4,833	2,286	2,646	3,069	4,143	5,930	7,893	10,884	2,039	13,917	78
27	90	931	508	105	384	216	87	774	547	563	663	682	.....
28	88	14,782	6,239	1,369	1,963	3,185	1,204	4,055	5,073	11,286	2,125	5,288	83
29	19,240	17,081	4,104	5,493	19,271	10,235	325	2,185	37,170	6,824	31	187	.....
30	187,847	833,917	261,042	95,121	266,105	156,894	141,717	328,638	462,412	570,893	170,023	570,309	6,685
31	21,341	71,129	34,634	22,217	8,531	19,301	9,945	36,430	53,021	31,311	20,300	44,457	1,413

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY TENURE; COLOR AND [Comparative data for June 1, 1900, in italics.]

	San Joaquin.	San Luis Obispo.	San Mateo.	Santa Barbara.	Santa Clara.	Santa Cruz.	Shasta.	Sierra.
FARMS OPERATED BY OWNERS								
1	Number of farms.....	2,370	1,056	302	764	3,622	1,088	839
2	Number of farms in 1900.....	1,197	1,167	296	564	2,997	865	1,004
3	Per cent of all farms.....	72.1	61.6	45.4	56.6	76.6	74.2	85.1
4	Per cent of all farms in 1900.....	60.9	64.4	65.7	66.9	76.0	67.9	82.2
5	Land in farms.....acres.....	443,034	604,883	44,824	227,341	300,220	95,945	316,364
6	Improved land in farms.....acres.....	344,881	138,615	29,717	83,570	138,204	43,607	81,663
7	Value of land and buildings.....dollars.....	37,546,833	11,546,274	6,262,020	15,647,570	41,822,317	11,288,085	5,174,490
8	Degree of ownership:							
9	Farms consisting of owned land only.....	1,850	695	259	549	3,057	973	754
10	Farms consisting of owned and hired land.....	520	361	43	215	565	115	85
11	Color and nativity of owners:							
12	Native white.....	1,638	586	141	535	2,193	639	673
13	Foreign-born white.....	716	469	158	219	1,416	446	139
14	Negro and other nonwhite.....	16	1	3	10	13	3	27
FARMS OPERATED BY TENANTS								
15	Number of farms.....	799	616	316	504	877	329	154
16	Number of farms in 1900.....	711	597	239	429	703	565	199
17	Per cent of all farms.....	24.3	32.9	47.5	37.2	18.5	22.4	18.2
18	Per cent of all farms in 1900.....	38.2	32.9	45.4	37.5	17.6	28.6	16.8
19	Land in farms.....acres.....	240,837	357,032	96,142	315,236	252,800	41,450	61,722
20	Improved land in farms.....acres.....	218,313	99,217	61,099	88,172	69,491	18,341	22,872
21	Value of land and buildings.....dollars.....	18,609,236	8,209,927	10,161,785	11,608,624	13,654,122	3,637,120	704,100
22	Form of tenancy:							
23	Share tenants.....	411	195	26	159	341	81	21
24	Share-cash tenants.....	31	42	37	47	37	7	1
25	Cash tenants.....	296	374	243	293	467	229	107
26	Tenure not specified.....	61	5	35	5	32	12	22
27	Color and nativity of tenants:							
28	Native white.....	446	305	99	280	366	179	138
29	Foreign-born white.....	241	294	206	203	378	127	9
30	Negro and other nonwhite.....	112	17	11	21	133	23	7
FARMS OPERATED BY MANAGERS								
31	Number of farms.....	117	42	47	67	232	49	17
32	Number of farms in 1900.....	68	49	16	58	236	44	18
33	Per cent of all farms.....	79.1	626.7	16.6	577.9	181,709	19,913	11,152
34	Per cent of all farms in 1900.....	48.568	98.096	9.984	46.810	20,475	4,927	2,109
35	Value of land and buildings.....dollars.....	5,429,480	7,125,621	3,031,180	11,305,078	6,531,804	1,478,400	376,680
MORTGAGE DEBT REPORTS								
For all farms operated by owners:								
36	Number free from mortgage debt.....	1,181	710	249	533	2,092	671	658
37	Number with mortgage debt.....	1,172	341	47	227	1,500	410	177
38	Number with no mortgage report.....	17	5	6	4	30	7	4
For farms consisting of owned land only:								
39	Number reporting debt and amount.....	187	193	39	134	1,186	357	147
40	Value of their land and buildings.....dollars.....	8,729,605	1,779,070	610,350	2,790,140	11,700,415	3,667,636	919,890
41	Amount of mortgage debt.....dollars.....	2,272,853	489,925	103,605	706,315	3,394,948	815,703	211,000
42	Per cent of value of land and buildings.....	26.0	27.5	17.0	25.3	29.0	22.2	23.0

¹ Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products.....	number.....	10,603	22,945	6,982	10,151	10,509	3,676	2,059
2	Dairy cows on farms reporting milk produced.....	number.....	9,150	15,958	5,490	9,133	3,456	1,958	1,369
3	Milk—Produced.....	gallons.....	4,598,234	5,867,540	3,539,461	3,144,697	5,356,740	1,701,740	695,760
4	Sold.....	gallons.....	863,252	2,983,928	232,185	2,820,994	358,724	84,815	47,833
5	Cream sold.....	gallons.....	135,228	343,575	16,967	236,960	75,114	14,349	518
6	Butter fat sold.....	pounds.....	454,756	224,820	1,584	292,759	74,450	25,195	2,732
7	Butter—Produced.....	pounds.....	341,820	1,369,563	91,997	244,632	320,236	224,392	137,723
8	Sold.....	pounds.....	156,729	1,204,660	57,159	145,496	133,461	116,399	57,553
9	Cheese—Produced.....	pounds.....	93,630	169,350	94,751	25,965	377,350	227,905	1,318
10	Value of dairy products, excluding home use of milk and cream.....	dollars.....	66,228	166,505	39,550	23,330	539,521	167,865	70
11	Receipts from sale of dairy products.....	dollars.....	498,808	754,465	553,332	394,516	719,503	184,890	55,829
12	Receipts from sale of dairy products.....	dollars.....	449,884	709,127	541,965	368,211	664,278	147,907	53,114
Poultry Products									
13	Poultry—Raised.....	number.....	212,434	109,871	43,946	91,159	233,729	79,015	52,607
14	Eggs—Produced.....	dozens.....	96,198	45,329	21,492	41,812	118,113	41,493	2,123
15	Eggs—Produced.....	dozens.....	955,501	840,405	236,642	407,168	1,166,782	577,989	199,858
16	Sold.....	dozens.....	596,929	630,399	189,361	283,237	759,224	435,418	84,912
17	Value of poultry and eggs produced.....	dollars.....	337,417	243,244	82,139	151,719	410,877	188,542	73,767
18	Receipts from sale of poultry and eggs.....	dollars.....	200,592	169,182	57,688	92,454	252,708	138,227	34,494
Honey and Wax									
19	Honey produced.....	pounds.....	104,645	177,342	5,458	288,875	77,252	11,032	8,466
20	Wax produced.....	dozens.....	459	1,383	193	969	842	183	10
21	Value of honey and wax produced.....	dollars.....	6,565	11,374	810	16,678	6,293	1,207	1,013
Wool, Mohair, and Goat Hair									
22	Wool, fleeces shorn.....	number.....	20,477	64,719	1,013	27,787	4,765	799	17,662
23	Mohair and goat hair, fleeces shorn.....	number.....	37	4,758	26	68	.....	630	11,866
24	Value of wool and mohair produced.....	dollars.....	14,114	52,868	1,162	26,308	3,596	1,444	25,705
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	Calves—Sold or slaughtered.....	number.....	6,285	10,222	4,421	3,099	6,964	2,446	584
26	Other cattle—Sold or slaughtered.....	number.....	12,104	27,792	2,600	18,016	12,834	3,630	11,731
27	Horses, mules, and asses and burros—Sold.....	number.....	1,690	1,042	266	845	683	318	284
28	Swine—Sold or slaughtered.....	number.....	17,732	14,273	6,198	13,870	6,044	3,013	8,557
29	Sheep and goats—Sold or slaughtered.....	number.....	6,605	11,969	563	16,116	1,983	9,586	12,432
30	Receipts from sale of animals.....	dollars.....	719,580	1,165,961	185,667	962,245	578,250	224,082	420,691
31	Value of animals slaughtered.....	dollars.....	81,272	122,647	31,395	19,841	29,822	41,673	58,636

NATIVITY OF FARMERS; AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in Italics.]

	Siskiyou.	Solano.	Sonoma.	Stanislaus.	Sutter.	Tehama.	Trinity.	Tulare. ¹	Tuolumne.	Ventura.	Yolo.	Yuba.	Indian res.
1	948	773	3,771	2,200	674	810	274	3,307	342	895	857	332	.....
2	816	709	2,689	611	613	803	262	1,680	889	850	850	274	..... 270
3	85.1	67.6	79.0	81.9	77.5	80.5	89.0	82.2	88.6	69.2	70.7	76.1	.....
4	87.6	61.6	71.5	64.2	70.2	76.1	92.6	75.2	87.6	70.1	70.0	77.4	..... 84.1
5	357,587	329,947	427,263	422,014	202,577	482,565	79,076	792,079	165,627	235,175	255,282	176,096	.....
6	141,602	216,656	145,042	324,930	145,149	84,827	10,827	345,835	83,166	111,729	146,930	71,064	.....
7	9,531,155	16,641,850	34,242,473	28,443,514	12,155,262	6,482,816	972,425	47,844,619	1,984,825	27,274,505	17,980,015	3,679,066	.....
8	654	699	3,694	1,784	504	735	259	2,725	312	604	683	260	.....
9	94	174	177	416	170	75	15	582	30	291	204	72	.....
10	715	449	2,170	1,544	551	638	206	2,652	212	676	676	254	.....
11	190	314	1,597	652	115	165	64	412	128	218	201	78	.....
12	43	10	4	4	118	6	7	14	2	1	10	.....	.....
13	129	322	888	441	181	164	27	496	34	346	325	96	.....
14	36	371	800	309	211	221	17	618	40	551	800	86	..... 2
15	11.6	28.2	18.6	16.4	20.7	16.3	8.8	12.3	8.8	26.8	25.9	22.0	.....
16	10.5	52.2	24.5	32.5	29.0	20.9	6.5	26.1	8.8	26.1	26.5	19.7	..... 0.7
17	65,145	127,546	240,325	179,333	70,557	137,059	8,545	131,285	22,283	101,283	157,070	58,948	.....
18	30,537	88,378	71,213	149,131	46,711	49,729	1,168	83,713	2,281	63,529	87,213	20,484	.....
19	1,388,490	7,011,474	11,742,480	7,872,958	3,202,415	2,180,706	107,950	8,124,570	176,309	10,428,248	7,971,680	1,380,410	.....
20	39	104	150	239	64	35	3	212	2	253	167	20	.....
21	.....	17	22	16	27	4	6	27	.....	25	17	4	.....
22	54	461	461	147	88	103	16	233	18	60	137	65	.....
23	36	4	25	39	2	22	2	24	14	8	4	7	.....
24	103	133	488	296	133	135	22	400	22	244	225	77	.....
25	25	128	283	142	40	1	1	79	12	82	44	12	.....
26	1	61	17	3	18	8	4	17	.....	20	56	7	.....
27	37	48	113	46	18	32	7	218	10	52	43	8	.....
28	71	71	147	51	4	51	5	49	17	49	65	14	..... 16
29	33,144	17,373	77,056	48,045	52,328	295,603	3,687	121,867	5,162	153,741	50,031	14,064	.....
30	14,008	11,115	32,016	8,128	8,651	52,086	1,305	17,476	940	38,210	32,125	2,702	.....
31	845,100	1,600,300	4,826,540	2,828,246	1,484,100	5,553,300	94,700	12,681,517	70,300	6,490,510	2,532,532	540,700	.....
32	658	441	2,254	890	362	518	233	1,778	269	497	482	248	.....
33	251	328	1,498	1,301	307	288	40	1,511	71	393	397	83	.....
34	9	4	19	9	5	4	18	2	5	8	1	1	.....
35	210	237	1,399	972	225	241	36	1,197	63	299	283	50	.....
36	2,760,855	3,732,565	11,018,235	9,721,155	3,076,708	2,061,515	221,425	15,911,623	378,650	6,013,275	4,329,746	417,430	.....
37	683,580	992,293	3,009,142	2,394,773	788,106	543,342	51,498	3,263,701	98,677	1,098,618	1,154,656	114,374	.....
38	24.8	26.6	27.3	24.6	25.5	26.4	23.3	27.5	26.1	18.3	26.7	27.4	.....

¹ No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909—Continued.

1	6,162	9,048	23,054	17,136	6,319	2,863	694	23,044	1,387	2,451	5,858	1,720	.....
2	5,365	8,915	17,426	8,895	4,948	2,696	640	19,986	861	2,152	3,399	1,471	.....
3	2,215,438	3,590,528	8,918,651	5,492,579	2,082,758	898,137	163,624	10,484,695	297,770	953,045	2,564,086	511,601	.....
4	198,332	1,089,424	2,846,026	1,243,844	483,220	123,967	455	183,873	50,626	67,641	753,917	119,461	.....
5	25,056	33,171	257,085	119,831	46,893	3,823	.....	153,461	714	5,196	162,392	15,207	.....
6	206,719	282,684	394,096	2,363,193	277,709	33,552	.....	2,690,537	2,600	.....	319,693	33,084	.....
7	254,999	384,903	1,192,532	154,998	183,527	182,953	46,277	201,880	35,522	267,905	88,338	40,673	.....
8	103,101	275,609	879,895	61,256	89,104	102,993	21,885	44,002	14,282	142,134	32,649	10,344	.....
9	39,470	873	211,319	2,125	.....	.....	.....	16,850	155	.....	.....	900	.....
10	35,720	724	307,012	2,000	.....	.....	.....	16,750	.....	.....	.....	.....	.....
11	218,209	388,472	911,873	1,216,976	241,332	86,839	14,812	983,432	25,276	97,762	396,490	48,454	.....
12	191,448	361,475	840,165	1,190,228	217,430	67,604	7,220	64,912	18,901	64,912	382,326	40,583	.....
13	57,444	66,403	1,512,601	121,677	101,908	96,134	10,800	204,167	22,710	61,763	84,010	44,202	.....
14	20,839	26,018	999,877	56,524	50,556	53,029	4,591	73,443	9,894	20,431	36,153	23,844	.....
15	254,107	426,261	9,470,880	648,248	420,198	306,452	31,776	1,635,119	94,507	372,111	347,209	111,892	.....
16	107,772	274,549	8,943,830	339,189	301,370	189,294	7,440	546,099	49,907	172,489	207,276	59,439	.....
17	93,177	128,295	3,638,518	237,685	167,240	149,168	15,957	325,658	36,457	124,710	131,892	66,938	.....
18	39,592	76,580	2,522,293	132,380	113,830	104,666	5,932	183,452	19,351	55,736	76,593	43,838	.....
19	85,322	2,873	7,014	61,592	76,812	15,779	1,605	290,435	12,310	1,839,986	106,982	545	.....
20	.....	.....	44	1,371	745	115	15	4,743	65	20,918	1,125	10	.....
21	8,317	491	941	5,160	4,909	1,198	207	17,434	879	109,788	8,313	83	.....
22	14,975	157,499	75,925	22,837	149,821	336,373	2,603	33,150	1,408	21,465	82,602	63,383	.....
23	134	3	2,330	50	36,118	50	44	177	400	177	316	208	.....
24	23,638	161,312	74,381	22,700	110,738	349,689	1,892	35,218	996	14,306	76,497	45,777	.....
25	1,735	5,223	12,664	6,107	3,053	1,068	43	8,583	664	1,027	5,215	1,003	.....
26	40,631	4,555	6,436	11,632	5,083	9,596	5,174	84,808	4,306	15,257	6,433	6,351	.....
27	547	862	638	2,175	565	578	18	1,981	102	626	1,509	190	.....
28	7,234	8,099	10,242	17,286	11,303	5,520	1,438	39,391	1,911	5,984	24,365	2,744	.....
29	15,686	67,376	10,979	16,396	80,502	73,718	71	11,256	844	8,850	33,530	23,420	.....
30	1,655,950	594,201	427,511	905,059	603,534	542,031	78,488	1,705,826	126,632	727,063	799,395	306,722	.....
31	149,915	49,443	44,787	53,702	34,240	50,397	15,086	92,823	9,450	28,076	54,907	17,191	.....

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND

		THE STATE.	Alameda.	Alpine.	Amador.	Butte.	Calaveras.	Colusa.
VALUE OF ALL CROPS								
1	Total.....	dollars.. 153,111,013	4,276,967	83,206	452,270	2,364,515	409,168	2,184,299
2	Cereals.....	dollars.. 28,039,826	394,907	25,833	65,405	556,107	7,881	1,575,543
3	Other grains and seeds.....	dollars.. 7,318,211	31,257	8	90	767	755	36,023
4	Hay and forage.....	dollars.. 42,187,215	1,547,119	49,147	229,982	806,735	217,191	940,452
5	Vegetables.....	dollars.. 12,121,658	408,588	3,291	41,583	55,214	58,093	30,768
6	Fruits and nuts.....	dollars.. 50,706,869	806,977	1,444	59,559	797,893	53,308	129,389
7	All other crops.....	dollars.. 12,736,334	686,079	3,483	65,151	147,699	71,880	49,424
SELECTED CROPS (acres and quantity)								
Cereals:								
8	Total.....	acres..... 1,970,492	15,854	791	3,561	40,799	466	105,390
9	Wheat.....	bushels.. 39,105,517	561,962	23,213	78,929	651,260	9,217	2,251,051
10	Corn.....	acres..... 51,835	503	301	800	800	800	705
11	Oats.....	bushels.. 1,273,901	13,697	.....	12,526	14,856	1,776	16,619
12	Rye.....	acres..... 192,158	1,725	.....	1,354	1,432	108	771
13	Barley.....	bushels.. 4,143,088	53,745	7,274	30,813	54,085	2,121	12,556
14	Other grains.....	acres..... 478,217	4,075	618	20,804	61	.....	11,168
15	Wheat.....	bushels.. 6,203,206	21,535	19,404	5,169	245,743	439	221,549
16	Barley.....	acres..... 1,195,158	12,650	38	1,513	17,705	222	89,985
17	Rye.....	bushels.. 26,441,554	473,575	1,480	29,071	326,447	4,833	1,949,223
18	Other grains.....	acres..... 7,027	.....	.....	.....	.....	.....	77
19	Kafir corn and milo maize.....	acres..... 44,308	.....	.....	.....	409	5	2,598
20	.....	bushels.. 938,949	10	.....	.....	9,529	48	48,418
Other grains:								
22	Dry peas.....	acres..... 2,959	215	.....	.....	.....	2	14
23	Dry edible beans.....	bushels.. 57,468	5,794	.....	.....	.....	16	180
24	.....	acres..... 157,987	86	.....	3	27	8	1,083
25	.....	bushels.. 3,328,218	2,933	3	31	150	238	20,087
Hay and forage:								
26	Total.....	acres..... 2,533,347	80,735	3,846	14,448	55,962	15,281	28,581
27	All tame or cultivated grasses.....	tons..... 4,327,130	113,534	5,815	17,961	91,832	15,616	45,779
28	Timothy alone.....	acres..... 645,305	.....	.....	2,700	11,809	1,600	1,160
29	Timothy alone.....	tons..... 1,875,374	12,191	4,174	5,839	41,093	3,468	15,077
30	Timothy and clover mixed.....	acres..... 13,725	206	.....	6	226	79	225
31	Timothy alone.....	tons..... 20,901	.....	315	6	162	72	305
32	Timothy and clover mixed.....	acres..... 46,661	84	.....	29	157	118	160
33	Clover alone.....	tons..... 73,183	115	357	29	271	290	191
34	Clover alone.....	acres..... 8,519	407	10	33	81	102	10
35	Alfalfa.....	tons..... 20,380	472	20	33	95	206	20
36	Alfalfa.....	acres..... 484,134	1,109	1,081	1,724	9,331	649	4,242
37	Millet or Hungarian grass.....	tons..... 1,639,707	3,514	2,573	4,778	38,196	2,313	14,472
38	Other tame or cultivated grasses.....	acres..... 2,142	15	.....	.....	.....	.....	2
39	.....	tons..... 2,688	30	.....	.....	1,984	662	70
40	.....	acres..... 90,414	5,202	637	968	2,369	587	85
41	.....	tons..... 119,415	8,060	699	993	2,669	587	85
42	Wild, salt, or prairie grasses.....	acres..... 253,127	729	1,116	3,599	1,253	4,648	568
43	Grains cut green.....	tons..... 281,033	1,030	1,309	3,471	1,177	5,431	552
44	Coarse forage.....	acres..... 1,494,745	73,041	355	8,060	42,726	3,023	2,021
45	.....	tons..... 2,019,526	99,538	312	8,651	49,243	8,787	29,047
46	.....	acres..... 25,868	129	.....	.....	174	56	56
47	.....	tons..... 60,611	507	.....	.....	319	.....	426
Special crops:								
48	Potatoes.....	acres..... 67,688	1,655	22	125	171	147	439
49	Sweet potatoes and yams.....	bushels.. 9,824,065	175,920	2,944	14,054	17,201	20,997	28,391
50	.....	acres..... 5,511	1	.....	.....	21	.....	6
51	All other vegetables.....	bushels.. 572,814	140	.....	200	2,343	.....	482
52	Sugar beets.....	acres..... 79,163	7,459	14	315	513	278	160
53	.....	acres..... 78,957	2,516	.....	.....	711	1	211
54	.....	tons..... 845,191	29,201	.....	.....	6,977	1	1,824
FRUITS AND NUTS								
55	Total.....	trees..... 22,485,195	627,824	1,531	43,332	452,302	31,276	71,796
56	Apples.....	bushels.. 31,501,507	798,976	762	51,757	693,210	44,963	125,132
57	Peaches.....	bushels.. 2,482,702	2,045	1,140	8,592	34,425	13,911	8,977
58	Peaches and nectarines.....	bushels.. 6,335,073	38,346	642	11,990	42,671	21,583	4,507
59	Pears.....	trees..... 7,823,011	12,555	28	16,349	255,047	5,964	4,075
60	Pears.....	bushels.. 9,207,118	14,561	40	20,606	356,683	6,794	3,372
61	Plums and prunes.....	trees..... 1,410,963	70,302	79	5,112	22,159	2,178	2,432
62	Cherries.....	bushels.. 1,928,097	99,994	36	4,430	5,358	1,906	5,358
63	Cherries.....	trees..... 7,168,705	157,981	214	10,685	104,474	8,265	57,468
64	Apricots.....	bushels.. 9,317,079	157,270	42	11,889	252,141	9,901	111,658
65	Apricots.....	trees..... 522,304	80,284	63	1,148	4,317	459	223
66	.....	bushels.. 501,013	89,662	2	1,588	4,403	329	228
67	.....	trees..... 2,992,453	270,461	7	1,197	9,900	672	4,420
68	.....	bushels.. 4,066,823	399,035	.....	949	11,126	465	3,323
69	Grapes.....	vines..... 144,097,670	2,390,959	9,000	314,604	258,742	212,300	482,417
70	Tropical fruits:	pounds.. 1,073,686,525	20,671,600	56,000	2,743,320	1,499,000	1,457,030	5,010,240
71	Total.....	trees..... 8,726,005	15,900	4	780	235,442	8,315	3,537
72	Figs.....	trees..... 269,001	482	.....	347	9,518	1,839	1,391
73	Oranges.....	pounds.. 22,990,353	9,990	.....	24,315	337,725	142,990	60,577
74	Lemons.....	trees..... 6,615,805	3,782	.....	151	147,412	388	1,537
75	Lemons.....	boxes.. 14,436,180	6,074	.....	128	108	344	2,970
76	Lemons.....	trees..... 941,243	660	.....	8	2,233	19	199
77	Olives.....	boxes.. 2,756,221	2,144	.....	12	1,222	37	148
78	.....	trees..... 836,347	10,963	.....	274	73,453	4,065	336
79	Pomeles (grapefruit).....	pounds.. 10,132,412	45,285	50	2,600	2,242,445	10,465	5,716
80	.....	trees..... 43,424	2	.....	.....	122	3	70
81	.....	boxes.. 12,515	2	.....	.....	171	2	147
Small fruits:								
82	Total.....	acres..... 9,687	401	.....	29	148	34	7
83	Strawberries.....	quarts.. 28,824,120	880,867	1,510	46,124	207,794	37,949	12,664
84	Blackberries and dewberries.....	acres..... 4,585	18	.....	.....	.....	5	1
85	.....	quarts.. 15,694,326	41,770	.....	9,259	54,513	11,210	2,120
86	.....	acres..... 2,576	13	.....	.....	.....	5	1
87	.....	quarts.. 4,898,524	20,225	.....	18,655	76,793	13,966	7,939
Nuts:								
88	Total.....	trees..... 2,034,302	25,250	12	830	85,445	15,619	17,408
89	Almonds.....	pounds.. 28,378,115	210,142	75	7,602	832,019	61,332	105,782
90	Almonds.....	trees..... 1,166,730	21,190	12	628	84,069	14,624	16,078
91	Pecans.....	pounds.. 6,602,513	155,871	75	3,931	799,351	27,650	90,479
92	Walnuts (Persian or English).....	trees..... 4,426	8	.....	.....	158	6	10
93	.....	pounds.. 44,853	80	.....	50	5,450	.....	340
94	.....	trees..... 853,237	3,726	.....	185	1,063	832	1,306
95	.....	pounds.. 21,432,266	46,183	.....	3,266	22,966	22,117	13,463

STATISTICS OF AGRICULTURE.

ACREAGE AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909.

	Contra Costa.	Del Norte.	Eldorado.	Fresno.	Glenn.	Humboldt.	Imperial.	Inyo.	Kern.	Kings.	Lake.	Lassen.
1	4,032,054	111,952	471,614	7,991,187	1,350,910	1,438,425	1,901,358	532,643	1,803,255	3,180,114	517,796	897,949
2	604,035	8,577	15,189	510,053	909,796	117,802	755,239	156,416	500,973	550,669	129,537	214,275
3	104,487	164	120	13,655	19,260	700	3,496	700	13,580	20,764	17,641	20,267
4	1,617,610	85,763	196,638	1,702,818	327,008	893,913	802,990	252,610	953,944	1,171,101	196,963	582,371
5	1,125,668	10,605	41,950	108,690	13,644	175,817	295,389	57,314	96,965	140,137	44,701	51,047
6	499,436	2,878	143,924	5,279,704	35,661	141,493	25,864	44,947	159,698	1,219,568	90,001	16,304
7	80,818	3,665	73,993	3,376,147	64,101	90,151	20,876	18,700	78,992	77,735	38,001	13,085
8	22,538	251	942	44,728	73,200	4,520	47,848	4,849	48,807	34,292	7,219	14,729
9	832,888	13,042	15,974	887,884	1,286,299	152,978	1,145,647	157,031	711,834	687,738	147,260	249,676
10	2,638	1	38	1,422	671	253	690	1,883	466	2,274	981	4
11	163	12	768	37,726	21,999	7,633	14,419	57,917	7,132	43,688	26,317	93
12	1,112	216	543	1,554	1,283	2,823	30	573	109	30	843	977
13	40,178	12,078	10,504	20,027	32,620	75,803	372	28,875	770	4,640	19,914	25,647
14	2,443	.....	193	7,829	17,541	134	125	1,715	12,924	8,984	2,563	9,338
15	53,332	.....	3,901	97,391	232,911	3,370	2,559	50,838	139,375	141,978	46,131	153,863
16	18,065	32	50	32,132	53,513	1,296	36,896	32,492	19,287	2,825	3,244	.....
17	731,970	840	884	694,234	1,002,587	65,991	908,916	19,381	517,029	402,423	54,758	63,471
18	.....	2	117	100	.....	14	.....	.....	30	5	7	536
19	.....	112	609	1,000	.....	181	.....	.....	1,500	109	140	6,018
20	.....	.....	.....	1,659	.....	174	.....	.....	2,813	3,831	.....	.....
21	.....	.....	.....	37,506	4,972	.....	213,781	.....	45,828	95,010	.....	.....
22	.....	4	.....	6	.....	517	.....	1	.....	15	.....	.....
23	.....	60	.....	172	.....	9,056	.....	10	.....	75	.....	.....
24	2,298	.....	1	9	.....	18	.....	70	.....	26	.....	.....
25	65,748	10	30	155	.....	392	.....	1,055	648	576	.....	.....
26	88,937	3,052	12,115	95,295	25,143	30,018	57,064	18,209	58,955	57,749	12,653	62,758
27	129,080	10,131	11,885	214,659	37,594	119,613	101,763	43,605	112,995	158,366	19,089	92,634
28	8,497	1,244	1,581	48,032	4,039	7,798	31,162	15,080	23,617	38,814	3,669	23,202
29	15,365	2,271	2,342	167,493	11,927	20,043	72,424	41,602	73,273	125,188	8,357	44,176
30	.....	6	.....	14	.....	6	.....	.....	.....	50	.....	.....
31	.....	11	8	14	.....	194	.....	43	.....	60	649	.....
32	.....	49	443	3	18	109	.....	1,906	.....	.....	104	9,475
33	.....	148	466	6	22	363	.....	3,589	.....	.....	180	13,229
34	829	.....	234	2	2	2	.....	.....	.....	.....	13	380
35	1,874	169	493	62	4	6,479	.....	15	.....	51	452	.....
36	3,477	33	403	47,776	3,211	974	30,847	12,440	23,600	36,778	2,795	11,709
37	8,163	90	824	167,217	10,848	3,287	72,201	37,039	73,259	123,112	7,200	27,452
38	.....	.....	.....	.....	.....	17	.....	.....	.....	.....	.....	.....
39	427	.....	.....	.....	.....	13	.....	.....	.....	.....	.....	.....
40	3,825	1,093	447	243	1,999	4,065	240	697	12	2,023	385	1,723
41	4,901	1,853	508	208	1,045	9,707	210	803	12	2,025	391	2,836
42	1,050	50	2,535	2,741	265	901	148	1,076	148	833	1,152	36,879
43	1,215	50	2,191	2,343	198	1,368	1,000	1,681	105	734	1,316	45,016
44	79,368	1,509	44,159	20,824	18,773	20,995	28	30,069	17,629	7,810	2,677	.....
45	112,478	3,597	7,142	43,863	25,332	38,905	25,105	35,441	28,629	9,351	3,442	.....
46	.....	.....	.....	.....	.....	312	.....	.....	.....	.....	.....	.....
47	21	2,477	10	80,620	12	6,736	4,134	200	4,174	3,755	65	.....
48	12,687	69	113	218	24	1,108	60	326	339	194	182	259
49	2,226,695	9,800	18,513	29,891	1,435	156,437	3,347	52,894	51,666	17,658	21,773	35,703
50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	20	.....	.....	8,713	105	.....	9	1,017	13	2,862	15	.....
52	3,650	29	197	1,391	115	675	3,672	240	589	674	353	184
53	.....	.....	.....	1,228	.....	.....	4	.....	.....	504	.....	.....
54	250	.....	.....	1,196	9,769	.....	.....	.....	.....	1,074	.....	.....
55	225,939	3,549	180,017	2,579,859	44,565	117,368	3,170	30,164	136,088	1,048,506	120,037	17,511
56	213,351	3,558	149,643	3,116,325	20,613	1,689,053	926	45,760	164,628	1,315,117	122,945	13,731
57	13,429	3,234	31,929	32,097	4,617	73,010	866	19,611	7,725	4,196	22,254	12,679
58	18,494	3,110	26,529	34,505	4,909	1,552,555	3	35,450	10,006	8,507	18,537	10,349
59	39,461	42	61,800	2,277,314	6,420	9,471	432	4,602	35,149	777,697	9,288	1,455
60	38,525	32	58,738	2,727,978	3,175	10,552	228	5,037	30,278	803,637	8,336	1,753
61	68,088	129	49,672	13,356	1,555	3,804	347	2,668	1,057	4,379	39,075	632
62	75,803	154	36,848	7,548	1,500	8,196	11	2,676	1,065	8,007	39,871	479
63	58,177	60	69,264	69,226	24,860	26,950	347	2,349	58,075	132,192	47,244	2,223
64	54,831	222	23,327	139,252	8,559	12,161	3	1,845	74,053	288,551	54,807	1,069
65	7,258	48	3,259	2,729	78	3,733	.....	539	163	11	590	439
66	5,139	38	3,051	104	48	5,040	.....	331	64	205	764	61
67	38,812	.....	503	1823	6,830	.....	1,822	342	33,573	124,007	1,463	.....
68	19,906	.....	786	206,536	2,310	8	267	673	416	48,955	536	17
69	2,972,130	.....	581,342	60,687,207	20,416	4,095	298,813	39,478	419,582	4,538,732	298,752	31
70	32,217,131	.....	4,891,740	611,253,901	145,300	76,405	1,210,475	292,730	1,715,540	91,434,165	1,750,522	800
71	10,987	1	677	281,754	6,783	83	2,411	14	82,888	425	4,340	.....
72	283	.....	587	120,124	879	82	566	14	1,475	391	1,062	.....
73	16,235	.....	74,060	15,898,146	63,225	2,430	10,450	400	92,940	10,450	9,886	.....
74	402	.....	63	85,781	4,800	1	1,410	.....	80,940	24	72	.....
75	453	.....	195	92,640	1,704	.....	3,012	.....	32,232	31	13	.....
76	15	.....	.....	12,593	428	.....	36	.....	34	.....	8	.....
77	46	.....	.....	10,083	428	.....	37	.....	.....	.....	.....	.....
78	9,744	.....	37	72,785	445	.....	41	.....	393	5	3,198	.....
79	340,410	.....	4,020	655,302	14,290	.....	.....	.....	2,950	400	7,390	.....
80	.....	.....	.....	346	.....	.....	18	.....	10	.....	.....	.....
81	.....	.....	.....	1	131	.....	.....	.....	7	.....	.....	.....
82	.....	.....	.....	310	8	87	.....	.....	34	31	.....	20
83	13,684	1,760	31,427	1,196,643	16,005	219,489	1,726	18,621	32,087	94,940	33,210	14,888
84	.....	1	148	5	.....	58	.....	.....	2	15	3	.....
85	2,880	1,050	8,215	790,708	2,945	152,758	.....	5,591	2,112	53,810	12,227	3,380
86	.....	3	91	4	.....	4	.....	1	8	13	15	2
87	2,774	300	12,480	247,186	8,980	5,757	1,426	9,835	24,900	33,260	15,261	2,354
88	216,249	6	1,512	8,203	26,336	827	8,819	72	3,819	1,747	8,920	18
89	941,400	.....	27,130	70,087	67,707	8,975	400	2,170	26,615	38,295	55,198	250
90	298,000	.....	7,390	498	7,390	304	29	3,101	8,771	1,721	8	.....
91	830,112	.....	3,850	56,472	61,055	8,800	1,080	2,805	37,040	47,316	.....	.....
92	20	.....	3	56	15	.....	.....	9	563	2	.....	.....
93	.....	.....	.....	225	350	.....	.....	150	1,290	40	350	.....
94	6,148	.....	.....	624	408	.....	24	.....	827	56	64	8
95	110,088	.....	10,855	7,991	3,617	8,220	400	940	1,565	1,215	5,232	250

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND

		Los Angeles.	Madera.	Marin.	Mariposa.	Mendocino.	Merced.	Modoc.	
VALUE OF ALL CROPS									
1	Total.....	dollars.....	14,720,884	1,686,418	534,383	230,632	1,531,986	3,423,574	1,178,038
2	Cereals.....	dollars.....	896,507	1,220,093	19,766	18,515	175,678	1,691,556	329,918
3	Other grains and seeds.....	dollars.....	218,484	900	15	1,430	927	11,251	59,556
4	Hay and forage.....	dollars.....	3,430,698	290,255	425,987	109,699	526,688	1,355,096	621,177
5	Vegetables.....	dollars.....	1,255,093	27,995	42,916	28,024	121,941	187,963	98,574
6	Fruits and nuts.....	dollars.....	6,731,532	126,124	31,816	43,025	166,534	147,964	49,594
7	All other crops.....	dollars.....	2,278,626	21,138	18,883	29,599	540,218	30,142	17,569
SELECTED CROPS (acres and quantity)									
8	Cereals:								
9	Total.....	acres.....	49,957	140,822	975	1,807	9,433	124,878	19,152
10	Wheat.....	acres.....	1,138,533	1,722,889	34,877	24,698	199,039	2,581,975	452,377
11	Corn.....	acres.....	9,084	1	52	174	533	1,877	6
12	Oats.....	acres.....	249,295	50	2,061	2,330	14,454	52,778	209
13	Barley.....	acres.....	873	10,569	850	55	3,087	19,843	728
14	Wheat.....	bushels.....	38,720	175,047	31,430	1,100	81,959	338,041	22,138
15	Wheat.....	bushels.....	6,760	39,468	57	124	3,906	10,399	9,362
16	Barley.....	bushels.....	59,866	370,499	1,155	1,298	50,195	115,938	136,924
17	Barley.....	bushels.....	32,864	90,341	16	1,434	1,904	88,145	8,566
18	Rye.....	bushels.....	785,129	1,170,945	231	19,130	43,370	2,009,531	227,473
19	Rye.....	acres.....	100	100	.....	20	3	2,108	406
20	Kafir corn and milo maize.....	bushels.....	745	1,400	.....	240	61	19,917	6,633
21	Kafir corn and milo maize.....	acres.....	106	343	.....	.....	.....	2,206	.....
22	Other grains:								
23	Dry peas.....	acres.....	14	.....	.....	.....	17	.....	.....
24	Dry peas.....	bushels.....	311	.....	.....	.....	345	.....	4
25	Dry edible beans.....	acres.....	3,874	15	1	62	5	523	88
26	Dry edible beans.....	bushels.....	105,011	333	8	409	44	5,839	1,567
27	Hay and forage:								
28	Total.....	acres.....	154,048	17,808	17,480	8,521	27,015	68,817	75,479
29	Total.....	tons.....	318,541	29,878	37,872	8,049	38,085	173,335	118,806
30	All tame or cultivated grasses.....	tons.....	21,327	5,800	3,613	364	9,330	38,741	21,402
31	Timothy alone.....	tons.....	104,137	16,796	5,966	506	14,525	145,392	43,750
32	Timothy and clover mixed.....	tons.....	25	65	65	.....	180	.....	1,512
33	Clover alone.....	tons.....	45	6	260	100	228	7	3,662
34	Clover alone.....	acres.....	.....	.....	.....	29	480	.....	5,754
35	Alfalfa.....	tons.....	52	80	80	34	578	.....	10,195
36	Alfalfa.....	acres.....	152	.....	.....	25	.....	.....	.....
37	Millet or Hungarian grass.....	tons.....	10,027	5,735	25	28	2,401	37,842	317
38	Millet or Hungarian grass.....	acres.....	100,855	16,717	86	97	6,253	144,557	24,480
39	Other tame or cultivated grasses.....	tons.....	63	.....	.....	15	40	.....	.....
40	Other tame or cultivated grasses.....	acres.....	142	.....	.....	46	26	31	40
41	Wild, salt, or prairie grasses.....	tons.....	2,160	70	3,428	177	5,895	784	3,227
42	Wild, salt, or prairie grasses.....	acres.....	2,943	63	5,000	223	6,884	680	5,373
43	Grains cut green.....	tons.....	651	516	169	683	1,164	10,308	50,379
44	Grains cut green.....	acres.....	793	423	179	659	1,178	7,228	70,143
45	Coarse forage.....	tons.....	129,978	11,283	13,055	5,472	16,429	19,751	3,496
46	Coarse forage.....	acres.....	189,856	12,757	20,787	4,884	21,536	20,293	4,992
47	Coarse forage.....	tons.....	1,445	7	299	.....	102	417	.....
48	Special crops:								
49	Potatoes.....	acres.....	4,140	75	435	76	616	246	346
50	Potatoes.....	bushels.....	413,151	6,662	33,469	8,537	78,809	18,882	44,614
51	Sweet potatoes and yams.....	acres.....	342	2	.....	.....	.....	2,114	.....
52	Sweet potatoes and yams.....	bushels.....	44,142	100	.....	.....	.....	255,938	.....
53	All other vegetables.....	acres.....	13,385	256	117	193	594	380	9
54	Sugar beets.....	acres.....	14,191	.....	.....	.....	.....	2	.....
55	Sugar beets.....	tons.....	162,059	.....	.....	.....	.....	24	137
FRUITS AND NUTS									
56	Orchard fruits:								
57	Total.....	trees.....	446,898	80,158	32,283	19,461	125,282	163,013	37,776
58	Total.....	bushels.....	580,929	40,577	22,420	34,283	212,320	108,843	71,883
59	Apples.....	trees.....	101,433	20,576	15,995	16,001	63,263	8,941	28,969
60	Apples.....	bushels.....	118,528	11,227	6,907	29,141	112,856	7,267	60,202
61	Peaches and nectarines.....	trees.....	163,197	40,989	6,313	1,818	6,928	134,901	2,113
62	Peaches and nectarines.....	bushels.....	234,581	20,996	3,092	1,803	10,031	90,954	1,866
63	Pears.....	trees.....	16,149	1,185	4,151	701	15,829	5,704	1,888
64	Pears.....	bushels.....	21,101	1,164	8,979	1,528	23,668	2,624	3,334
65	Plums and prunes.....	trees.....	43,592	7,570	3,775	762	37,197	5,401	3,182
66	Plums and prunes.....	bushels.....	34,295	435	2,625	1,168	68,356	3,437	4,660
67	Cherries.....	trees.....	795	40	165	120	1,181	343	963
68	Cherries.....	bushels.....	768	20	111	216	1,576	64	1,033
69	Apricots.....	trees.....	122,760	9,488	1,680	293	187	7,881	64
70	Apricots.....	bushels.....	181,079	6,183	633	415	305	4,263	788
71	Grapes:								
72	Total.....	vines.....	4,923,877	1,530,630	118,198	28,647	924,191	1,281,342	705
73	Total.....	pounds.....	44,846,307	21,105,970	1,982,560	285,740	6,471,050	12,085,751	7,100
74	Tropical fruits:								
75	Total.....	trees.....	1,994,402	22,532	387	4,379	370	18,613	.....
76	Figs.....	trees.....	5,736	4,321	291	461	.....	9,837	.....
77	Figs.....	pounds.....	397,376	82,290	1,065	135,455	25,125	739,468	.....
78	Oranges.....	trees.....	1,674,695	184	79	1,169	4	1,572	.....
79	Oranges.....	boxes.....	4,124,161	114	147	1,691	3	1,097	.....
80	Lemons.....	trees.....	219,149	15	26	35	.....	206	.....
81	Lemons.....	boxes.....	704,301	16	26	50	.....	217	.....
82	Olives.....	trees.....	84,934	18,010	48	2,711	7	6,981	.....
83	Olives.....	pounds.....	1,549,419	38,035	150	2,452	100	90,916	.....
84	Pomeles (grapefruit).....	trees.....	6,853	2	5	1	.....	.....	.....
85	Pomeles (grapefruit).....	boxes.....	11,810	.....	.....	.....	.....	.....	.....
86	Small fruits:								
87	Total.....	acres.....	1,975	7	3	7	57	3	37
88	Total.....	quarts.....	7,837,887	4,270	5,130	8,765	69,492	47,293	44,188
89	Strawberries.....	acres.....	1,580	2	1	1	22	2	9
90	Blackberries and dewberries.....	acres.....	5,135,203	1,750	1,750	1,217	35,296	8,377	10,113
91	Blackberries and dewberries.....	quarts.....	280	3	.....	2	14	21	9
92	Nuts:								
93	Total.....	trees.....	359,349	2,797	212	262	762	17,845	27
94	Almonds.....	pounds.....	8,204,743	8,535	1,497	4,270	33,940	127,537	535
95	Almonds.....	acres.....	2,778	15	.....	.....	.....	.....	.....
96	Pecans.....	pounds.....	57,770	7,975	1,112	1,918	4,260	114,499	.....
97	Pecans.....	acres.....	313	5	.....	.....	.....	.....	.....
98	Walnuts (Persian or English).....	pounds.....	6,400	.....	.....	.....	.....	.....	.....
99	Walnuts (Persian or English).....	acres.....	251,857	14	61	31	360	.....	.....
100	Walnuts (Persian or English).....	pounds.....	8,138,033	560	385	2,019	9,990	11,538	80

STATISTICS OF AGRICULTURE.

ACREAGE AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909—Continued.

	Mono.	Monterey.	Napa.	Nevada.	Orange.	Placer.	Plumas.	Riverside.	Sacramento.	San Benito.	San Bernardino.	San Diego.	San Francisco.
1	107,757	4,325,535	1,637,442	396,326	6,176,337	1,913,419	432,819	5,133,576	4,720,010	1,741,155	6,813,233	2,861,136	323,926
2	5,023	1,685,723	168,471	3,101	562,365	104,677	74,737	385,454	322,584	298,068	93,464	48,836	
3	552	87,676	6,224	68	653,763			10,180	465,143	138,590	1,097	81,268	3,310
4	85,083	1,125,740	465,362	159,879	976,896	194,464	299,817	1,624,675	786,239	963,249	932,249	1,110,127	1,460
5	13,396	330,296	126,348	54,554	840,804	52,253	21,772	133,199	199,231	34,425	107,283	174,869	190,965
6	3,038	643,165	76,435	89,777	2,437,735	1,318,834	3,378	2,383,371	2,265,090	284,881	5,627,182	941,737	520
7	665	677,840	104,292	78,963	944,517	143,294	32,722	77,100	521,123	54,932	327,042	83,269	127,271
8	217	131,453	10,979	248	32,415	10,104	4,933	73,236	20,303	16,622	5,932	37,293	
9	5,939	2,581,068	201,366	3,285	808,331	120,908	103,455	1,219,501	280,718	384,574	132,505	616,670	
10	4	845	2,389	5	5,054	27		372	795	401	920	4,344	
11	160	15,552	69,579	208	91,443	1,055		12,421	34,069	5,399	14,839	71,874	
12	42	8,734	1,366	119	995	3,030		3,767	4,174	776	436	7,690	
13	3,000	240,760	32,155	1,559	30,838	40,397		85,540	66,949	13,826	16,598	177,485	
14	167	22,924	4,134	95	793	6,721		11,817	10,704	4,451	100	7,268	
15	2,739	296,030	50,671	1,279	10,737	5,727		103,313	159,434	163,728	290	82,012	
16		98,923	3,048	30	27,354	1,318		1,260	56,946	4,599	10,955	3,290	17,745
17		2,026,334	58,300	249	671,526	17,123		12,216	958,526	75,575	307,215	284,677	
18	4							704			15	6	
19	40							5,220			125	50	
20	2				189	8		44			1,216	17	
21	40		35		3,557	161		580		43	15,391	282	
22	11	154			55					90		12	
23	63	5,218			605					1,703		17	
24	5	1,504	6	1	21,186			50	7,801	59		3,492	
25	133	29,532	61	18	402,951			192	166,852	677		45,661	
26	6,947	83,847	28,061	8,725	47,651	16,034	30,152	83,430	56,936	64,064	42,608	82,049	103
27	12,118	109,648	39,311	9,479	87,855	13,404	34,038	141,784	70,548	84,380	68,558	150	
28	4,453	3,459	1,739	1,928	11,432	5,819		9,358	14,111	14,841	8,353	9,269	61
29	5,542	6,856	3,806	3,527	31,316	1,596		12,557	37,290	8,393	36,129	18,054	70
30				55	55	38		851	5	1,303		10	26
31				56	27	1,084		5	1,187		15	58	
32	2,278		10	390	30	5,239		7,191	27				
33	2,720		15	221	78	156			222		18	1	
34	4	60	29	459	50	711			402		40	5	
35	10	90	55	5,004	5,004	711		12,504	9,002	1,840	8,000	2,566	1
36	2,086	2,819	1,204	492	5,204	1,114		68,250	32,021	7,700	35,622	11,739	10
37	6,685	8,251	3,423	6	23,139	1,240		1,101			11	3	
38	15							407				21	
39	30			19				441			63	6	
40	70	1,610	486	887	6,128	218		2,402	660	3,714	440	89	
41	97	615	413	1,489	8,177	206		2,892	2,000	3,570	639	146	6,225
42	4,494	6,211	3,973	1,706	65	1,202		19,794	14	1,909	3,727	55	
43	2,576	5,582	627	1,685	65	65		20,425	15	2,196	3,827	44	2,018
44		73,492	23,764	5,068	35,733	14,009		73,985	40,130	57,318	33,764	68,844	46
45		89,147	34,603	4,191	53,453	10,378		1,081	69,255	31,040	70,459	39,473	60,392
46		379	163	21	239	4		15	318	624	398	1,128	80
47		928	274	41	980	6		25	818	112	1,631	722	5,634
48	97	5,393	530	106	1,770	72		100	309	1,406	205	344	87
49	12,094	364,468	81,659	12,733	127,367	7,442		12,638	22,392	160,519	25,438	43,364	7,366
50				1	484				57			55	57
51				135	56,740				8	10		5,681	3,598
52	36	658	428	231	3,783	408		97	1,225	6,367	183	813	1,131
53		9,900	39	10,275					4	7	283	4,121	21
54		126,397	78	133,612					33	105	3,826	42,928	57
55	1,585	339,105	497,391	84,259	160,667	1,190,074	4,574	220,723	506,961	207,537	378,533	112,993	1,105
56	1,234	556,680	639,876	84,946	382,981	1,673,123	1,709	301,493	772,297	411,477	509,989	126,427	830
57	1,088	280,464	41,561	20,223	11,992	42,704		16,577	16,948	55,593	55,153	37,662	46
58	850	501,847	47,216	25,800	12,218	26,848		1,301	9,077	18,235	31,385	49,567	230
59	91	7,381	71,080	17,873	12,461	683,824		154	12,301	99,635	120,931	197,763	29,800
60	61	8,693	65,843	22,488	13,104	1,084,565		35	77,138	129,981	25,132	246,049	29,530
61	123	5,194	56,210	36,800	2,100	142,999		261	18,447	161,094	12,409	2,302	6,023
62	122	8,061	81,812	26,279	2,973	115,950		112	13,424	308,352	22,903	3,421	7,585
63	86	3,159	299,613	6,955	4,569	279,766		150	266,553	91,066	8,779	16,022	975
64	10	4,122	407,023	7,055	5,295	323,731		61	54,873	269,547	223,443	6,473	8,204
65	197	1,729	16,953	1,727	23	31,209		65	982	17,173	3,421	3,087	1,722
66	190	723	20,895	1,810	9	67,429		10	765	33,729	1,761	2,928	1,729
67	6	27,996	16,953	1,939	129,352	4,092		18	83,069	10,480	61,694	111,125	20,858
68	1	36,067	16,273	133	328,931	1,023			145,159	9,951	106,806	171,763	33,001
69	2,000	79,935	8,595,338	94,338	282,682	1,340,132		1,570,794	7,627,510	177,976	5,987,127	1,228,588	3,006
70	20,000	754,340	66,876,897	757,865	2,684,855	11,231,330		12,133,389	399,396,705	1,620,030	38,608,263	15,204,330	10,000
71		913	23,251	2,311	597,383	59,998		12	1,224,217	84,863	179	2,153,501	425,260
72		217	1,234	1,468	4,463	4,463		6	2,054	1,145	128	1,144	4,599
73		9,146	20,889	67,225	15,123	105,802			73,796	54,450	4,615	33,790	94,323
74		29	1,192	364	478,272	26,921			1,621,957	60,256	42	1,961,254	107,457
75		35	25	32	1,247,905	14,103			2,986,902	61,517	10	5,425,759	167,201
76		7	1,258	6	46,954	714			115,620	2,500	5	157,731	195,318
77		86			74,227	683			304,683	1,636	4	630,108	473,544
78		657	20,170	419	67,046	26,396			80,572	34,077	4	30,190	109,871
79		2,622	36,888	4,272	828,304	417,415			1,284,970	969,922		2,559,778	1,080
80				2	6,717	289			4,477	804		13,134	5,760
81				21	2,612	411			16,408	1,278		60,149	12,954
82	1	407	69	55	205,582	582		13	64	554	54	130	87
83	5,011	3,663,578	72,603	78,369	401,218	1,581,263	11,881	123,772	1,974,178	68,426	180,564	369,546	
84		263	2	4	76	433		6	27	450	35	34	
85	1,220	2,449,084	45,316	7,047	192,365	1,062,214	6,828	59,305	1,676,826	34,367	52,917	275,744	
86		26	26	15	62	62					</		

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND

		San Joaquin.	San Luis Obispo.	San Mateo.	Santa Barbara.	Santa Clara.	Santa Cruz.	Shasta.	Sierra.
VALUE OF ALL CROPS									
1	Total.....	dollars. 9,082,240	2,481,812	1,395,371	3,568,250	6,968,438	2,408,435	939,795	234,154
2	Cereals.....	dollars. 3,238,767	809,268	260,218	585,079	170,190	94,360	74,831	25,769
3	Other grains and seeds.....	dollars. 533,577	517,452	36,742	869,908	265,065	24,514	1,719	1,719
4	Hay and forage.....	dollars. 1,765,286	184,886	361,246	771,922	1,587,494	327,475	410,532	180,374
5	Vegetables.....	dollars. 2,149,000	141,685	459,470	244,205	450,065	164,518	85,381	12,369
6	Fruits and nuts.....	dollars. 1,307,448	155,094	73,272	538,465	4,234,874	1,656,212	248,442	7,618
7	All other crops.....	dollars. 89,462	116,427	204,403	558,671	200,150	141,259	118,890	7,524
SELECTED CROPS (acres and quantity)									
Cereals:									
8	Total.....	acres. 180,516	62,627	17,136	39,329	9,837	4,635	6,967	1,614
9	Wheat.....	bushels. 4,644,655	1,156,277	490,804	870,702	230,306	118,961	80,143	27,768
10	Corn.....	acres. 2,547	1,509	11	1,240	411	1,136	163	1
11	Oats.....	bushels. 57,028	24,015	164	25,979	9,791	22,284	4,655	40
12	Barley.....	acres. 23,208	1,139	16,125	9,494	247	2,282	723	526
13	Hay.....	bushels. 386,691	35,884	462,566	233,171	9,424	39,812	8,915	11,431
14	Wheat.....	acres. 24,786	33,608	68	2,300	376	217	3,783	383
15	Barley.....	bushels. 310,587	428,636	1,473	27,892	10,198	3,629	45,622	6,389
16	Oats.....	acres. 125,114	26,370	917	25,294	8,903	1,000	1,258	466
17	Rye.....	bushels. 3,827,487	667,718	26,001	683,645	200,893	34,226	21,551	7,362
18	Kafir corn and milo maize.....	acres. 1,843	.....	.....	3	.....	.....	.....	238
19	.....	bushels. 17,476	.....	.....	30	.....	.....	.....	2,546
20	.....	acres. 2,968	24	.....	.....	.....	.....	.....	.....
21	.....	bushels. 32,786	.....	.....	.....	.....	.....	.....	.....
Other grains:									
22	Dry peas.....	acres. 562	85	186	12	.....	.....	.....	.....
23	.....	bushels. 10,050	1,209	4,765	22	.....	.....	.....	.....
24	Dry edible beans.....	acres. 15,354	11,169	406	22,355	706	577	49	3
25	.....	bushels. 352,157	207,674	14,435	367,385	8,810	12,645	685	.....
Hay and forage:									
26	Total.....	acres. 104,918	55,000	19,060	50,070	83,553	18,037	35,341	20,622
27	All tame or cultivated grasses.....	acres. 174,448	70,225	28,982	70,146	127,006	25,244	46,578	22,234
28	Timothy alone.....	acres. 15,828	2,912	2,512	983	5,610	703	13,162	4,167
29	Timothy and clover mixed.....	acres. 42,373	4,801	3,744	2,722	14,495	1,746	25,486	5,261
30	.....	acres. 190	.....	.....	.....	.....	.....	.....	.....
31	.....	acres. 320	.....	6	100	.....	.....	2,165	1,789
32	.....	acres. 190	.....	6	150	.....	.....	2,847	2,020
33	.....	acres. 70	.....	25	70	.....	.....	.....	.....
34	.....	acres. 352	.....	36	100	355	170	530	37
35	.....	acres. 8,805	989	11	635	3,073	255	6,698	1,125
36	.....	acres. 36,859	2,658	52	2,205	11,486	1,090	16,874	1,712
37	.....	acres. 1,840	35	5	.....	.....	.....	.....	.....
38	.....	acres. 867	40	12	.....	.....	.....	.....	.....
39	.....	acres. 3,633	1,888	2,472	223	2,275	28	917	839
40	.....	acres. 3,975	2,103	3,638	267	2,606	36	1,077	922
41	.....	acres. 10,248	880	82	479	1,203	29	13,158	15,772
42	.....	acres. 12,896	1,028	57	519	1,352	29	17,716	16,253
43	.....	acres. 80,851	50,954	16,406	47,602	76,399	16,609	8,525	683
44	.....	acres. 119,032	62,650	25,181	64,690	109,051	22,976	7,836	720
45	.....	acres. 3075	304	.....	785	304	.....	496	.....
46	.....	acres. 593	1,736	.....	1,269	781	.....	540	.....
Special crops:									
48	Potatoes.....	acres. 21,313	955	971	1,524	1,085	1,080	243	46
49	.....	bushels. 4,279,386	105,277	109,879	151,532	106,617	128,971	27,756	5,016
50	Sweet potatoes and yams.....	acres. 19	3	.....	28	.....	.....	16	.....
51	.....	bushels. 1,611	288	.....	3,862	.....	78	2,279	.....
52	All other vegetables.....	acres. 6,728	950	3,210	1,588	4,241	648	577	35
53	Sugar beets.....	acres. 282	284	.....	11,320	1,135	.....	.....	.....
54	.....	acres. 1,429	5,993	.....	90,849	8,180	3,511	.....	.....
FRUITS AND NUTS									
55	Total.....	acres. 364,290	93,217	43,855	34,200	5,043,766	875,642	262,136	4,009
56	Apples.....	bushels. 395,038	117,126	50,130	89,858	5,807,585	2,366,344	387,566	5,768
57	Peaches and nectarines.....	acres. 5,053	35,006	18,634	102,841	102,841	647,136	35,440	3,398
58	Pears.....	bushels. 7,019	56,047	31,317	38,511	118,603	2,090,968	47,556	4,895
59	Plums and prunes.....	acres. 229,175	10,314	572	9,660	457,677	11,868	98,560	117
60	Cherries.....	bushels. 13,664	5,097	1,688	2,612	142,550	23,100	35,932	148
61	.....	bushels. 13,096	8,899	1,923	5,148	206,214	33,456	64,803	413
62	.....	acres. 83,641	21,388	18,279	2,700	3,987,555	112,269	87,959	232
63	.....	bushels. 102,991	15,236	14,686	4,822	3,554,070	109,959	159,606	262
64	.....	acres. 21,590	702	671	659	173,002	17,608	2,785	67
65	.....	bushels. 13,069	463	228	238	90,198	25,368	2,311	114
66	.....	acres. 203,007	20,123	3,094	15,512	783,588	63,021	839	.....
67	.....	bushels. 27,474	25,929	1,259	29,237	958,163	95,042	2,141	.....
68	.....	acres. 13,371,794	265,481	124,990	208,585	5,584,480	1,365,414	117,481	.....
69	.....	pounds. 179,879,915	1,937,110	695,440	590,488	41,129,250	7,315,935	645,463	.....
70	Total.....	acres. 26,070	4,253	7,249	99,023	18,023	2,879	11,986	.....
71	Figs.....	acres. 4,037	819	36	588	985	333	2,306	.....
72	.....	pounds. 232,083	43,317	625	40,258	31,000	12,845	53,270	.....
73	Oranges.....	acres. 1,950	794	25	2,426	1,905	330	55	.....
74	Lemons.....	boxes. 1,854	1,225	9	12,272	1,354	151	39	.....
75	.....	acres. 75	355	1	46,181	1,991	349	7	.....
76	.....	boxes. 1,475	1,475	.....	134,168	296	143	1	.....
77	Olives.....	acres. 19,998	1,597	7,187	44,258	13,945	1,243	9,616	.....
78	.....	pounds. 506,268	28,877	141,006	1,275,022	639,227	2,500	7,541	.....
79	Pomeles (grapefruit).....	acres. 2	75	.....	710	.....	.....	.....	.....
80	.....	boxes. 49	.....	.....	81	.....	.....	.....	.....
81	Total.....	acres. 92	137	69	63	1,011	744	95	6
82	.....	quarts. 286,154	131,117	232,655	233,123	1,789,865	1,707,208	118,667	5,897
83	.....	acres. 33	45	.....	.....	.....	.....	.....	.....
84	.....	quarts. 93,367	61,895	210,850	125,766	989,600	1,384,754	51,975	2,623
85	.....	acres. 31	30	10	32	116	32	1	.....
86	.....	quarts. 51,650	42,845	15,030	99,084	304,022	163,757	35,067	964
87	Total.....	acres. 99,499	17,264	331	97,091	48,399	4,757	9,339	24
88	Almonds.....	pounds. 554,098	277,773	2,435	2,681,694	469,926	40,640	64,760	1,260
89	.....	acres. 97,024	9,281	934	239	25,862	2,840	8,056	.....
90	.....	pounds. 547,930	46,990	425	3,150	198,186	1,853	43,210	.....
91	.....	acres. 6	1	.....	70	156	6	.....	.....
92	.....	pounds. 250	.....	.....	130	.....	.....	100	.....
93	.....	acres. 2,455	7,871	2,223	96,776	19,070	4,015	1,168	24
94	.....	pounds. 6,548	223,403	2,010	2,678,039	227,955	25,880	14,380	1,260

STATISTICS OF AGRICULTURE.

ACREAGE AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909—Continued.

	Siskiyou.	Solano.	Sonoma.	Stanislaus.	Sutter.	Tehama.	Trinity.	Tulare.	Tuolumne.	Ventura.	Yolo.	Yuba.	Indian res.
1	1,426,394	3,569,966	4,451,378	3,198,660	1,749,422	1,228,250	269,345	5,353,994	297,495	6,751,759	3,274,450	700,138	
2	325,312	1,262,481	50,983	1,315,140	588,103	249,157	12,394	1,442,685	14,433	3,477,959	1,032,710	134,728	
3	6,972	103,660	809	17,411	150,486	756	604	17,311	183	2,311,809	122,847	2,075	
4	851,817	572,822	1,170,906	1,424,229	419,331	376,843	107,713	1,362,609	167,810	931,688	994,115	214,158	
5	130,817	784,377	182,649	1,181,829	57,368	40,388	58,211	192,630	20,825	61,878	126,301	38,688	
6	41,170	1,495,713	2,034,805	207,508	470,985	428,108	11,574	2,053,596	31,044	1,795,606	677,099	73,558	
7	70,306	20,953	1,008,116	53,650	63,149	127,275	18,549	285,763	44,121	902,824	341,320	237,734	
8	26,718	63,968	2,566	123,499	46,813	18,624	624	108,763	1,288	16,520	63,725	15,277	
9	385,030	1,681,756	74,727	1,869,524	757,268	292,278	11,019	1,700,563	18,031	463,944	1,492,065	148,512	
10	89	91	1,631	701	100	51	2,227	7	2,400	301	360		
11	3,165	935	44,321	12,297	2,613	5,833	1,637	55,995	156	5,635	5,645		
12	3,148	1,306	468	38,546	3,568	1,502	1,281	425	1,133	12,365	1,740		
13	93,076	25,711	20,156	688,542	56,823	28,138	2,967	27,991	7,447	27,991	51,365	31,534	
14	17,872	20,924	36	22,068	15,537	6,090	377	66,367	277	2,896	13,452	16,376	
15	224,512	391,753	1,445	258,121	176,750	84,009	5,274	701,459	5,373	67,366	237,930	74,227	
16	4,282	41,647	3,641	57,529	27,457	11,402	39	27,017	579	10,077	20,301	2,801	
17	60,118	1,933,537	8,795	828,628	491,730	177,518	1,210	553,481	5,055	309,682	1,236,884	36,906	
18	306			245	40		7						
19	3,653			1,500	250		35						
20				4,448	352								
21				80,343	7,750								
22	1			415									
23	10			5,175									
24	10	2,553		373	2,766	14	4						
25	272	65,735	83	4,336	79,201	302	275						
26	87,976	39,693	62,351	69,432	35,744	24,343	5,350	91,695	8,224	61,546	45,859	17,101	
27	106,113	57,028	87,943	178,653	57,017	44,039	8,929	185,810	9,584	78,926	104,733	18,188	
28	20,202	6,527	7,937	44,451	8,586	6,012	3,165	38,537	649	20,809	20,809	2,265	
29	80,291	14,664	13,781	151,695	25,399	28,977	6,470	127,126	1,127	7,104	72,583	5,682	
30	1,278	2,566	50	160		40	266	266	12		30		
31	2,671	2,856	68	40		45	550	18			30		
32	12,732	373	92	80		80	265	1,340	35		128		
33	23,178	381	40			226	2,974	23			152		
34	168	60	251	10	415	52	135	100			110		
35	405	370	30	2,525	162	162	251	250			100		
36	22,492	2,145	5,565	49,917	7,388	8,387	1,115	37,656	145	1,952	16,496	1,798	
37	48,478	10,617	10,461	149,214	21,791	28,332	2,632	126,916	475	6,990	66,110	4,335	
38	40			14			6				12		
39	160						17				20		
40	3,452	831	1,509	3,350	703	258	33	546	254	23	3,927	283	
41	5,459	636	1,842	2,389	1,003	272	46	537	264	44	5,323	698	
42	10,114	496	6,507	7,400	7,466	2,184	578	7,158	1,740	20	534	3,097	
43	12,913	771	7,346	4,976	9,020	1,844	690	6,612	1,636	60	740	2,421	
44	7,651	33,641	47,021	16,847	14,744	15,157	1,663	44,822	6,224	49,044	24,479	11,456	
45	6,831	41,552	65,919	19,633	20,612	13,218	1,765	52,052	6,799	70,163	31,106	10,128	
46		29	1,306	727	1,948			2,272	11	391	21	95	
47		41	1,481	2,262	1,986		4	3,022	22	609	95	57	
48	655	311	2,279	207	218	112	143			114	264	402	
49	76,218	42,416	161,597	17,502	23,419	13,048	20,467	57,026	18,808	30,124	45,493	7,698	
50				5	153,706	4,552	3,384	7,469	160	1,082	1,025	492	
52	673	650	954	1,621	303	292	192	2,550	232	588	1,036	235	
53	128	4			27			1,289		14,333	5,714		
54	245	16			250			9,447		149,715	53,764		
55	45,708	1,367,911	1,364,105	190,515	244,887	441,070	7,313	1,059,890	19,534	239,682	397,748	30,264	
56	31,731	1,747,311	1,734,301	111,473	463,829	478,715	8,098	1,351,606	22,234	618,456	617,448	41,903	
57	31,055	4,862	386,740	3,680	5,433	16,633	4,272	25,261	13,544	15,179	2,512	5,498	
58	19,521	6,857	818,725	1,693	7,806	16,256	4,951	28,241	16,558	19,170	3,654	7,733	
59	4,371	341,246	237,220	154,553	149,057	260,204	886	714,494	3,065	8,943	116,003	8,184	
60	3,779	474,441	165,396	89,326	287,894	276,049	873	622,573	2,093	15,630	219,660	1,263	
61	2,300	182,194	109,965	4,188	17,911	41,584	738	6,483	1,056	2,597	38,115	10,220	
62	2,164	319,303	128,421	1,808	32,754	26,992	1,408	4,948	2,004	3,776	71,897	25,993	
63	5,683	465,341	609,252	6,095	63,723	92,459	1,083	264,337	1,404	12,541	119,163	3,487	
64	4,405	714,730	396,953	3,492	136,082	133,024	1,329	639,586	1,302	15,755	214,792	2,447	
65	1,580	33,923	43,927	1,182	1,249	624	194	316	144	392	4,534	5,559	
66	1,478	52,512	58,710	380	967	321	205	290	118	1,047	5,908	265	
67	306	310,202	9,087	20,451	5,086	30,446	41	48,834	162	219,836	117,228	1,481	
68	363	180,011	10,374	14,122	3,445	26,128	33	56,042	120	562,978	101,396	342	
69	2,473	1,213,265	17,899,972	1,932,302	1,249,223	1,307,218	7,227,491	95,811	66,398	2,568,019	162,751	102,751	
70	44,507	16,276,990	137,556,235	18,595,445	25,162,300	16,416,990	57,950	93,472,624	580,502	505,892	26,109,390	2,632,510	
71	6	8,911	20,226	54,291	10,741	31,654	22	872,557	367	253,754	18,858	11,205	
72	3	4,998	3,850	37,676	4,675	3,176	20	15,750	237	20,613	10,476	3,109	
73	10	4,597	98,105	397,675	447,470	115,472	255	1,037,530	17,435	29,688	1,128,670	31,250	
74		2,959	8,047	10,492	2,427	10,744		801,151	114	131,681	2,371	1,563	
75		2,737	4,209	8,087	3,335	7,975		758,465	122	310,239	2,949	1,409	
76	2	126	396	576	602	356	2	41,069	6	5,018	183		
77		163	235	202	641	354		65,406		347,804	222	147	
78		1,221	10,863	5,458	3,018	17,372		5,905	10	25,961	8,482	6,860	
79		34,874	54,490	129,384	170,581	394,449		89,921		656,171	307,395	64,710	
80		15	4	18	18	5		8,114		392	1,325		
81				1	14	4		13,551		909	612		
82	31	12	1,471	161	16	49	15	119	19	131	10	19	
83	41,053	18,110	2,106,103	290,431	24,186	83,593	14,039	181,574	29,153	138,600	10,774	22,408	
84		7	103	15	1	36	5	1	5	6	14		
85	15,011	11,060	195,330	184,399	1,550	57,921	4,668	44,078	10,652	73,350	210	4,750	
86	10	930	53	7	7	7	8	70	8	7	6	6	
87	11												

TABLE 5.—SELECTED FARM EXPENSES AND RECEIPTS, BY COUNTIES: 1909.

		THE STATE.	Alameda	Alpine.	Amador.	Butte.	Calaveras.	Colusa.	Contra Costa.	Del Norte.	Eldorado.
1	Labor..... Farms reporting.....	55,887	1,679	37	308	782	380	489	1,031	75	325
2	Cash expended..... dollars.....	42,205,915	1,137,758	33,513	117,281	694,696	74,436	474,376	897,938	49,684	68,885
3	Rent and board furnished..... dollars.....	7,770,284	198,459	11,784	35,276	127,711	31,297	104,139	214,073	13,977	13,247
4	Fertilizer..... Farms reporting.....	7,470	103	.....	6	145	23	10	21	2	26
5	Amount expended..... dollars.....	2,143,993	17,723	.....	208	24,935	649	266	1,879	77	467
6	Feed..... Farms reporting.....	49,372	1,622	.....	222	706	404	310	832	55	407
7	Amount expended..... dollars.....	12,676,903	503,520	2,789	38,513	130,914	35,887	53,438	339,727	5,332	44,130
8	Receipts from sale of feedable crops..... dollars.....	21,329,528	1,075,258	5,979	69,583	379,080	48,520	984,361	1,180,256	3,577	28,163
		Fresno.	Glenn.	Humboldt.	Imperial.	Inyo.	Kern.	Kings.	Lake.	Lassen.	Los Angeles.
1	Labor..... Farms reporting.....	4,428	377	955	781	278	734	1,185	352	351	4,915
2	Cash expended..... dollars.....	3,110,864	448,080	456,280	688,593	134,455	853,726	897,245	103,159	212,111	3,683,355
3	Rent and board furnished..... dollars.....	418,302	127,560	126,272	157,535	41,900	199,375	205,374	26,918	73,496	417,297
4	Fertilizer..... Farms reporting.....	459	11	30	6	4	12	11	2	3	1,607
5	Amount expended..... dollars.....	34,491	906	1,680	681	221	1,430	790	40	63	669,152
6	Feed..... Farms reporting.....	3,817	314	959	413	202	566	827	237	234	4,484
7	Amount expended..... dollars.....	519,529	50,996	128,237	98,693	45,458	81,682	112,208	21,197	33,015	1,302,854
8	Receipts from sale of feedable crops..... dollars.....	508,183	494,437	169,348	652,526	104,799	409,035	593,538	72,333	126,700	536,646
		Madera.	Marin.	Mariposa.	Mendocino.	Merced.	Modoc.	Mono.	Monterey.	Napa.	Nevada.
1	Labor..... Farms reporting.....	294	332	155	691	799	468	80	1,124	981	284
2	Cash expended..... dollars.....	377,091	275,980	37,920	389,696	908,711	285,265	76,100	1,039,739	512,190	70,041
3	Rent and board furnished..... dollars.....	103,765	117,961	13,419	74,606	285,975	84,514	21,174	247,348	101,941	16,240
4	Fertilizer..... Farms reporting.....	6	2	1	17	150	1	.....	15	27	40
5	Amount expended..... dollars.....	608	329	60	866	3,609	6	.....	1,232	1,250	302
6	Feed..... Farms reporting.....	207	392	226	684	765	277	38	729	997	434
7	Amount expended..... dollars.....	32,910	481,134	33,796	88,424	111,718	52,774	9,579	215,803	198,650	73,196
8	Receipts from sale of feedable crops..... dollars.....	308,661	16,770	17,935	156,967	641,264	179,862	15,825	1,130,326	135,568	28,256
		Orange.	Placer.	Plumas.	Riverside.	Sacramento.	San Benito.	San Bernardino.	San Diego.	San Francisco.	San Joaquin.
1	Labor..... Farms reporting.....	1,812	724	168	1,723	1,065	604	2,235	1,263	61	2,336
2	Cash expended..... dollars.....	1,168,819	424,937	110,465	1,147,783	1,450,169	439,399	1,708,117	723,419	153,718	2,031,854
3	Rent and board furnished..... dollars.....	50,949	80,292	39,780	115,235	297,861	73,915	105,609	157,446	55,962	442,703
4	Fertilizer..... Farms reporting.....	426	81	3	706	65	6	1,624	232	22	83
5	Amount expended..... dollars.....	71,118	7,786	260	323,598	15,274	191	708,516	42,429	6,031	10,657
6	Feed..... Farms reporting.....	1,904	818	123	1,215	853	453	1,852	1,282	94	1,692
7	Amount expended..... dollars.....	422,070	150,418	16,164	251,682	258,741	129,738	525,462	242,740	192,373	341,590
8	Receipts from sale of feedable crops..... dollars.....	477,490	67,223	72,061	934,278	145,101	479,570	302,493	538,051	.....	2,361,896
		San Luis Obispo.	San Mateo.	Santa Barbara.	Santa Clara.	Santa Cruz.	Shasta.	Sierra.	Siskiyou.	Solano.	Sonoma.
1	Labor..... Farms reporting.....	1,001	473	973	3,341	896	501	83	690	881	2,781
2	Cash expended..... dollars.....	703,251	543,604	1,149,349	2,207,733	495,056	211,780	73,167	330,572	1,080,682	1,534,669
3	Rent and board furnished..... dollars.....	186,936	206,897	206,023	232,221	88,387	56,161	24,389	108,527	191,969	258,391
4	Fertilizer..... Farms reporting.....	13	54	50	153	42	25	6	13	18	121
5	Amount expended..... dollars.....	1,027	13,450	8,133	16,703	3,537	1,056	140	571	4,142	12,585
6	Feed..... Farms reporting.....	700	341	650	2,971	1,022	632	68	610	657	3,711
7	Amount expended..... dollars.....	123,096	412,290	207,355	725,451	297,086	80,530	13,413	77,855	210,596	2,010,285
8	Receipts from sale of feedable crops..... dollars.....	322,663	274,031	476,577	331,596	112,972	113,088	38,537	215,777	747,296	301,619
		Stanislaus.	Sutter.	Tebama.	Trinity.	Tulare.	Tuolumne.	Ventura.	Yolo.	Yuba.	Indian res.
1	Labor..... Farms reporting.....	1,323	658	504	165	2,397	259	1,081	947	242	.....
2	Cash expended..... dollars.....	728,023	546,917	509,523	47,666	1,753,226	69,654	1,504,650	998,724	242,781	.....
3	Rent and board furnished..... dollars.....	186,457	113,676	75,303	14,287	206,853	23,710	172,047	219,330	48,002	.....
4	Fertilizer..... Farms reporting.....	673	3	5	2	144	19	125	5	9	.....
5	Amount expended..... dollars.....	23,180	80	685	170	41,765	1,347	57,432	5,050	2,765	.....
6	Feed..... Farms reporting.....	1,170	467	581	137	1,908	285	834	535	308	.....
7	Amount expended..... dollars.....	172,951	79,443	95,291	9,911	333,430	39,478	367,748	83,352	52,572	.....
8	Receipts from sale of feedable crops..... dollars.....	629,532	402,157	104,600	49,257	436,061	35,682	297,845	998,968	43,821	.....

STATISTICS OF AGRICULTURE.

TABLE 6.—NUMBER AND VALUE OF DOMESTIC ANIMALS NOT ON FARMS, BY COUNTIES: APRIL 15, 1910.

	THE STATE.	Alameda.	Alpine.	Amador.	Butte.	Calaveras.	Colusa.	Contra Costa.	Del Norte.	Eldorado.
1	Inclusures reporting domestic animals.....	56,987	4,925	11	242	702	331	770	65	273
2	Value of domestic animals.....dollars.....	18,797,015	1,470,461	2,465	66,504	218,713	85,817	142,975	176,194	14,366
3	Cattle:									
4	Total number.....	46,176	2,938	7	303	686	1,056	479	726	75
5	Value.....dollars.....	1,604,717	114,183	196	7,779	24,553	23,863	13,864	24,899	1,743
6	Number of dairy cows.....	29,962	2,147	4	213	484	444	299	467	44
7	Horses:									
8	Total number.....	132,521	11,439	16	492	1,835	746	726	1,378	114
9	Value.....dollars.....	15,142,841	1,294,628	1,865	55,565	191,619	58,917	71,600	143,530	12,415
10	Number of mature horses.....	130,263	11,367	15	489	1,803	711	694	1,339	108
11	Mules and asses and burros:									
12	Total number.....	11,669	289	2	34	16	22	291	48	1
13	Value.....dollars.....	1,683,495	40,777	300	2,605	1,028	2,102	56,000	6,340	200
14	Number of mature mules.....	10,449	271	2	22	12	21	283	44	1
15	Swine:									
16	Total number.....	12,168	429	5	56	201	107	173	103	1
17	Value.....dollars.....	100,761	4,978	38	455	1,444	847	1,039	860	8
18	Sheep and goats:									
19	Total number.....	71,744	3,065	22	23	32	32	92	92	137
20	Value.....dollars.....	265,201	15,895	66	69	69	88	472	555	903

	Fresno.	Glenn.	Humboldt.	Imperial.	Inyo.	Kern.	Kings.	Lake.	Lassen.	Los Angeles.
1	Inclusures reporting domestic animals.....	2,102	256	888	367	256	988	491	200	233
2	Value of domestic animals.....dollars.....	654,329	103,839	216,293	251,464	191,697	771,144	152,089	48,961	129,221
3	Cattle:									
4	Total number.....	1,428	313	1,363	244	315	820	243	365	313
5	Value.....dollars.....	50,855	10,311	42,510	10,340	9,255	26,134	10,438	9,092	8,199
6	Number of dairy cows.....	1,149	238	715	174	136	453	183	210	185
7	Horses:									
8	Total number.....	4,525	694	1,549	1,278	902	3,565	1,005	395	743
9	Value.....dollars.....	509,973	75,710	165,044	148,097	79,650	428,208	128,955	36,695	61,855
10	Number of mature horses.....	4,329	673	1,527	1,231	834	3,490	1,090	383	677
11	Mules and asses and burros:									
12	Total number.....	674	115	20	59	761	1,482	24	24	26
13	Value.....dollars.....	98,960	17,580	1,290	85,785	44,612	290,428	11,120	2,180	1,440
14	Number of mature mules.....	632	108	10	541	622	1,406	16	22	8
15	Swine:									
16	Total number.....	341	43	1,132	878	140	108	124	193	87
17	Value.....dollars.....	3,280	212	6,544	5,684	1,073	1,374	1,652	796	634
18	Sheep and goats:									
19	Total number.....	58	5	165	435	16,111	7,597	5	34	18,064
20	Value.....dollars.....	261	26	965	1,358	57,107	25,900	24	198	57,072

	Madera.	Marin.	Mariposa.	Mendocino.	Merced.	Modoc.	Mono.	Monterey.	Napa.	Nevada.
1	Inclusures reporting domestic animals.....	223	434	49	632	235	277	34	578	460
2	Value of domestic animals.....dollars.....	63,219	157,304	25,246	150,714	115,025	87,742	20,663	200,934	97,902
3	Cattle:									
4	Total number.....	155	361	42	806	130	433	65	505	251
5	Value.....dollars.....	5,872	12,569	1,021	22,275	5,246	12,043	1,688	13,975	8,941
6	Number of dairy cows.....	119	265	30	522	101	237	30	278	204
7	Horses:									
8	Total number.....	426	1,227	256	1,280	520	811	170	1,535	899
9	Value.....dollars.....	42,816	132,870	21,635	123,898	59,230	73,110	16,215	174,034	87,565
10	Number of mature horses.....	429	1,220	242	1,259	535	750	155	1,483	894
11	Mules and asses and burros:									
12	Total number.....	76	81	75	27	30	31	16	112	14
13	Value.....dollars.....	14,312	11,514	2,530	2,260	5,295	1,707	2,759	12,522	1,795
14	Number of mature mules.....	66	76	27	24	25	5	16	106	10
15	Swine:									
16	Total number.....	30	1	.....	348	69	156	.....	53	38
17	Value.....dollars.....	218	2	.....	2,264	498	882	.....	299	322
18	Sheep and goats:									
19	Total number.....	1	26	.....	4	11,023	.....	7	91	89
20	Value.....dollars.....	1	249	.....	17	44,759	.....	101	179	276

	Orange.	Placer.	Plumas.	Riverside.	Sacramento.	San Benito.	San Bernardino.	San Diego.	San Francisco.	San Joaquin.
1	Inclusures reporting domestic animals.....	1,364	629	145	1,519	1,567	181	1,732	1,614	3,470
2	Value of domestic animals.....dollars.....	296,681	210,454	69,174	398,921	489,685	47,174	508,691	537,729	2,364,319
3	Cattle:									
4	Total number.....	885	1,076	162	1,163	646	148	1,671	1,210	2,280
5	Value.....dollars.....	38,441	29,391	5,702	41,312	24,559	4,409	51,926	45,829	82,089
6	Number of dairy cows.....	787	475	87	834	506	93	875	936	671
7	Horses:									
8	Total number.....	1,923	1,442	451	2,515	3,917	407	2,977	3,303	21,184
9	Value.....dollars.....	224,502	188,613	62,145	318,158	455,185	42,440	343,234	415,650	2,706,054
10	Number of mature horses.....	1,883	1,397	442	2,723	3,868	384	2,940	3,236	21,114
11	Mules and asses and burros:									
12	Total number.....	179	162	14	249	74	4	757	434	320
13	Value.....dollars.....	31,215	20,123	660	31,295	8,215	165	103,895	75,193	46,540
14	Number of mature mules.....	173	143	7	198	69	2	615	385	316
15	Swine:									
16	Total number.....	90	252	79	131	164	20	409	15	1,243
17	Value.....dollars.....	795	2,186	635	1,091	1,419	160	4,862	129	16,362
18	Sheep and goats:									
19	Total number.....	649	78	6	2,833	80	.....	1,324	118	2,924
20	Value.....dollars.....	1,728	141	32	7,065	307	.....	4,174	928	13,274

TABLE 6.—NUMBER AND VALUE OF DOMESTIC ANIMALS **NOT** ON FARMS, BY COUNTIES: APRIL 15, 1910—Continued.

	San Luis Obispo.	San Mateo.	Santa Barbara.	Santa Clara.	Santa Cruz.	Shasta.	Sierra.	Siskiyou.	Solano.	Sonoma.
1 Inclosures reporting domestic animals . . .	663	896	1,270	2,654	890	446	132	580	663	1,222
2 Value of domestic animals dollars..	174,961	191,880	414,662	706,416	208,894	148,438	46,553	182,299	145,135	244,023
Cattle:										
3 Total number	1,144	913	1,010	1,105	536	948	180	745	579	959
4 Value dollars..	29,627	30,380	35,813	45,933	19,149	22,641	5,779	22,422	21,886	28,440
5 Number of dairy cows	585	601	842	934	440	324	105	414	475	670
Horses:										
6 Total number	1,301	1,424	2,801	5,156	1,543	1,274	312	1,393	1,108	2,166
7 Value dollars..	143,159	154,470	366,561	650,512	182,289	118,140	34,800	147,453	120,906	211,969
8 Number of mature horses	1,236	1,400	2,732	5,094	1,511	1,219	307	1,371	1,086	2,148
Mules and asses and burros:										
9 Total number	18	23	73	66	66	60	55	130	19	23
10 Value dollars..	1,475	1,755	11,160	7,727	6,595	3,630	5,610	10,750	1,990	2,140
11 Number of mature mules	14	20	54	56	56	34	31	119	18	19
Swine:										
12 Total number	52	964	40	125	65	486	35	229	24	164
13 Value dollars..	359	4,774	329	1,338	506	2,797	295	1,536	215	1,389
Sheep and goats:										
14 Total number	18	114	61	116	79	529	42	28	31	27
15 Value dollars..	341	501	799	906	355	1,230	78	138	138	85

	Stanislaus.	Sutter.	Tehama.	Trinity.	Tulare.	Tuolumne.	Ventura.	Yolo.	Yuba.
1 Inclosures reporting domestic animals . . .	685	189	256	133	856	459	675	515	109
2 Value of domestic animals dollars..	223,751	63,484	71,733	43,066	264,067	115,081	189,457	122,077	58,592
Cattle:									
3 Total number	653	387	273	508	831	740	576	371	179
4 Value dollars..	28,323	12,311	8,694	11,326	31,500	19,388	20,213	14,066	5,274
5 Number of dairy cows	485	204	172	110	543	350	404	281	106
Horses:									
6 Total number	1,454	386	568	277	1,765	923	1,374	834	386
7 Value dollars..	181,640	42,768	61,930	28,490	208,058	84,274	151,039	100,841	51,105
8 Number of mature horses	1,423	355	546	267	1,724	913	1,326	803	376
Mules and asses and burros:									
9 Total number	99	19	6	48	137	108	93	30	15
10 Value dollars..	12,800	2,750	890	2,410	33,620	7,465	12,920	5,345	1,854
11 Number of mature mules	91	18	4	31	119	87	82	24	14
Swine:									
12 Total number	157	83	35	166	100	319	280	195	47
13 Value dollars..	985	546	180	840	806	2,844	4,108	1,715	348
Sheep and goats:									
14 Total number	3	1,903	12	-----	16	473	41	43	2
15 Value dollars..	3	5,109	39	-----	83	1,110	177	170	11

CHAPTER 4.

STATISTICS OF IRRIGATION FOR THE STATE AND ITS COUNTIES.

Introduction.—This chapter presents the larger part of the statistics of irrigation for California obtained in connection with the Thirteenth Census. The statistics of the number of farms and acreage irrigated, cost of operation and maintenance, and irrigated crops are for the calendar year 1909; those of irrigation works, cost of enterprises, acreage enterprises were capable of irrigating in 1910, and acreage included in projects are of the date July 1, 1910.

These statistics have been collected under the law of February 25, 1910, which contained the following clause relating to irrigation:

Inquiries shall also be made as to the location and character of irrigation enterprises, quantity of land irrigated in the arid region of the United States and in each state and county in that section under state and Federal laws; the price at which these lands, including water rights, are obtainable; the character and value of crops produced on irrigated lands, the amount of water used per acre for said irrigation and whether it was obtainable from national, state, or private works; the location of the various projects and methods of construction, with facts as to their physical condition; the amount of capital invested in such irrigation works.

The information called for by this law which could be supplied by farm operators was obtained on supplemental schedules by the regular census enumerators as a part of the agricultural census. The remaining data, which were supplied by the owners or officials of irrigation enterprises, were obtained on special schedules by special agents. The data relating to number of farms irrigated and irrigated crops are taken from the supplemental schedules, while all data relating to acreage irrigated and to irrigation works and their construction and operation are taken from the special schedules.

In accordance with the law, the data collected have been classified primarily on the basis of the state and Federal laws by virtue of which the land was brought under irrigation. The results are presented in detail at the end of this chapter and summarized in text tables.

Such of the terms used as are not self-explanatory are defined below.

Farms irrigated.—The number of "farms irrigated" is the number of farms on which irrigation is practiced and is equivalent to the term "number of irrigators" used in previous census reports.

Types of enterprise.—The types of enterprise under which the lands irrigated in 1909 are classified are as follows:

United States Reclamation Service enterprises, which operate under the Federal law of June 17, 1902, providing for the con-

struction of irrigation works with the receipts from the sale of public lands.

United States Indian Service enterprises, which operate under various acts of Congress providing for the construction by that service of works for the irrigation of land in Indian reservations.

Carey Act enterprises, which operate under the Federal law of August 18, 1894, granting to each of the states in the arid region 1,000,000 acres of land on condition that the state provide for its irrigation, and under amendments to that law granting additional areas to Idaho and Wyoming.

Irrigation districts, which are public corporations that operate under state laws providing for their organization and management, and empowering them to issue bonds and levy and collect taxes with the object of obtaining funds for the purchase or construction, and for the operation and maintenance of irrigation works.

Cooperative enterprises, which are controlled by the water users under some organized form of cooperation. The most common form of organization is the stock company, the stock of which is owned by the water users.

Commercial enterprises, which supply water for compensation to parties who own no interest in the works. Persons obtaining water from such enterprises are usually required to pay for the right to receive water, and to pay, in addition, annual charges based in some instances on the acreage irrigated and in others on the quantity of water received.

Individual and partnership enterprises, which belong to individual farmers or to neighboring farmers, who control them without formal organization. It is not always possible to distinguish between partnership and cooperative enterprises, but as the difference is slight this is unimportant.

Source of water supply.—Of the terms used in the classification according to source of water supply, none requires explanation except "reservoirs." The only reservoirs which are treated as independent sources of supply are those filled by collecting storm water or from watercourses that are ordinarily dry. When reservoirs are filled from streams or wells, the primary source is considered the source of supply.

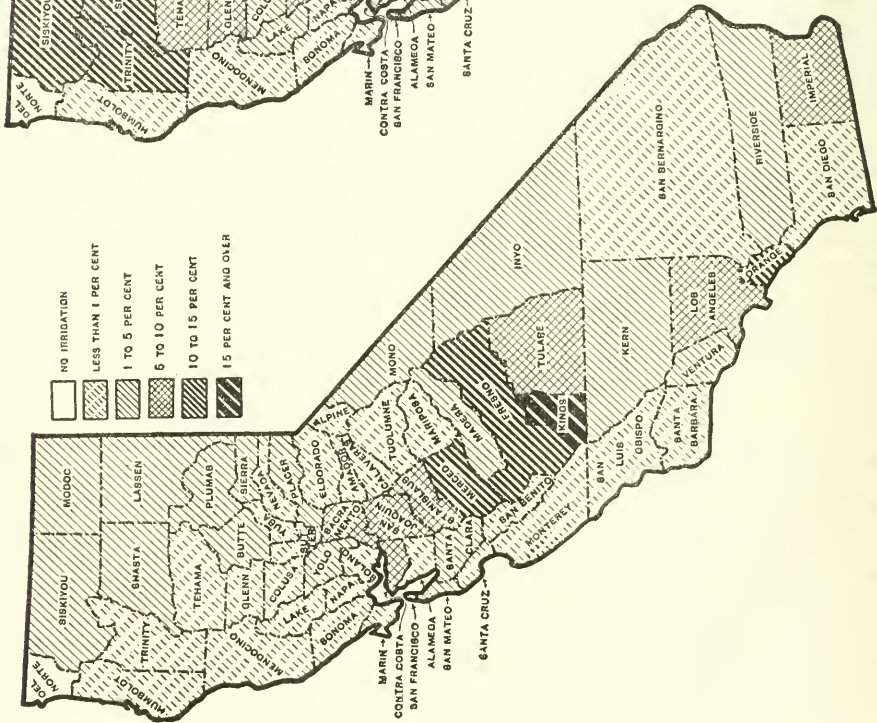
Acre-foot.—The "acre-foot," used to express the capacity of reservoirs, is the volume of water required to cover 1 acre to a depth of 1 foot, or 43,560 cubic feet.

Cost.—The cost of irrigation enterprises is that given by the owners. For the larger works the cost given is taken, in most cases, from the books of account and represents the actual cost. In the case of most of the private and partnership and many of the cooperative enterprises, however, the works were built by their owners without records of money or labor expended, and the cost given represents the owners' estimates. The cost reported for 1910 includes the cost of construction and of acquiring rights. The latter usually consists of filing fees only. In some instances it includes the purchase price of rights, but these cases are so rare that they are unimportant. The cost reported for 1899 is designated "cost of construction," but probably includes the cost of acquiring rights, as in 1910. The average cost per acre is based on the acreage enterprises were capable of irrigating in 1910 and the cost to July 1, 1910.

PER CENT OF TOTAL LAND IRRIGATED, AND PER CENT OF NUMBER OF FARMS IRRIGATED, IN CALIFORNIA, BY COUNTIES: 1909.

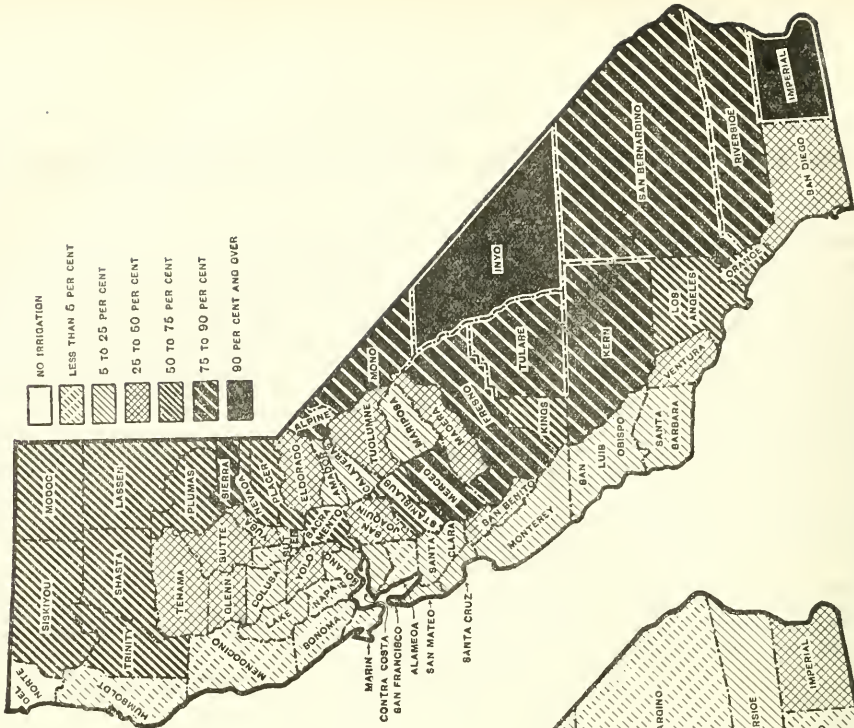
PER CENT OF TOTAL LAND AREA IRRIGATED.

[Per cent for the state, 2.7.]



PER CENT OF NUMBER OF FARMS IRRIGATED.

[Per cent for the state, 44.6.]



FARMS AND ACREAGE IRRIGATED.

California is traversed by the Sierra Nevada Mountains and the Coast Range, both of which are parallel to the coast in a general way. The greater part of the agricultural land of the state lies in the great central valley between these ranges and in the portion of the state south of the Kern River Mountains. In most sections of the state there is usually sufficient rainfall for the maturing of some crops, although there are some sections where no crops can be grown without irrigation. The normal annual precipitation ranges from about 2 inches in the Imperial Valley, in the southeastern part of the state, to about 60 inches along the coast in the northwestern part.

Irrigation is practiced to some extent throughout the state, but the larger part of the irrigated land lies in the southern part of the great central valley and in

the southern part of the state. The location of the irrigated lands of the state is indicated in a general way by the maps on the opposite page, in which the different counties are graphically classified with reference to the percentage which the irrigated land forms of the total land area and the percentage which irrigated farms represent of all farms.

The following table shows for the state as a whole the number of farms and acreage irrigated in 1909, in comparison with the total number of farms, the total land area, the total land in farms, and the total acreage of improved land in farms in 1910, together with the areas not yet irrigated for which water was available in 1910 and the acreage included in projects completed or under way in 1910. Comparative data for the census of 1900 are included as far as possible.

	CENSUS OF—		INCREASE, ¹	
	1910	1900	Amount.	Per cent.
Number of all farms.....	² 88, 197	³ 72, 542	15, 655	21. 6
Approximate land area of the state.....acres.	99, 617, 280	99, 617, 280	.....	.....
Land in farms.....acres.	² 27, 931, 444	³ 28, 828, 951	- 897, 507	- 3. 1
Improved land in farms.....acres.	² 11, 389, 894	³ 11, 958, 837	- 568, 943	- 4. 8
Number of farms irrigated.....	⁴ 39, 352	⁵ 25, 675	13, 677	53. 3
Acreage irrigated.....	⁴ 2, 664, 104	⁵ 1, 446, 114	1, 217, 990	84. 2
Acreage enterprises were capable of irrigating.....	⁶ 3, 619, 378	(?)	.....	.....
Acreage included in projects.....	⁶ 5, 490, 360	(?)	.....	.....
Percentage irrigated of—				
Number of all farms.....	44. 6	35. 4	9. 2	.....
Approximate land area of the state.....	2. 7	1. 5	1. 2	.....
Land in farms.....	9. 5	5. 0	4. 5	.....
Improved land in farms.....	23. 4	12. 1	11. 3	.....
Excess of acreage enterprises were capable of irrigating in 1910 over acreage irrigated in 1909.....	955, 274	.....	.....	.....
Excess of acreage included in projects over acreage irrigated in 1909.....	2, 826, 256	.....	.....	.....

¹ A minus sign (—) denotes decrease. ² April 15. ³ June 1. ⁴ In 1909. ⁵ In 1899. ⁶ July 1. ⁷ Not reported.

Number of farms irrigated.—The number of farms irrigated is made up of the number reported on the supplemental schedules by the regular enumerators, together with an estimate of the number of farms covered by enterprises which were reported by special agents but not by the regular enumerators. This estimate was based upon the average acreage irrigated per farm as shown by the supplemental schedules.

According to the figures presented in the table, irrigation was practiced on somewhat more than two-fifths (44.6 per cent) of the farms in the state in 1909. In 1899 the proportion of irrigated farms was 35.4 per cent and in 1889 it was only 26 per cent. Thus in both decades the number of irrigated farms increased at a higher rate than the number of unirrigated farms.

In 24 of the 58 counties in the state more than half the farms are irrigated, in 2 the proportion is between 40 and 50 per cent, in 5 it is between 30 and 40

per cent, in 7 between 20 and 30 per cent, and in 8 between 10 and 20 per cent, while in 11 it is less than 10 per cent. No irrigation was reported from Del Norte County, in the extreme northwestern part of the state.

In general the counties in which the percentage of farms irrigated is highest are in the south central and southeastern parts of the state, where the climate is so dry as to make irrigation almost essential to the successful growing of crops. Along the coast in the northern part of the state and in the region surrounding San Francisco Bay irrigation is less generally practiced. Imperial County has the largest percentage of farms irrigated, 94.6, and Inyo the next largest, 93.2 per cent.

From 1899 to 1909 the increase in the number of farms irrigated was 9.2 per cent for the state as a whole. Of the 53 irrigated counties which did not change in

area during that period, 28 show increases, varying greatly in degree, and 15 decreases, while for 10 comparative figures are not available. Increases are reported for the combined territory of Fresno and Kings Counties and for the territory which constituted San Diego County in 1900 and Imperial and San Diego Counties in 1910.

Acreage irrigated.—The acreage irrigated is taken from the special schedules filled out by agents from information secured from owners or officials of irrigation enterprises and, in some instances, from public records. The acreage thus obtained is considerably larger than the irrigated acreage reported on the supplemental schedules filled out by the farm enumerators. This difference is due in a measure to the fact that the special agents found enterprises which were not reported on any schedules returned by the enumerators, indicating that the acreage reported on the supplemental schedules is under the true figure. There is, however, a natural tendency for the officials of irrigation enterprises to report as irrigated the entire area of farms of which only a part was irrigated. Furthermore, some farms are so situated as to receive water from more than one enterprise and may be reported as irrigated by each, which results in duplication. Owing to the two causes last enumerated, it is probable that the acreage reported irrigated is somewhat excessive, but the extent of this excess can not be determined. It is believed, however, to be less than 10 per cent for the state of California.

The total acreage reported as irrigated in 1909 was 2,664,104 acres, as against 1,446,114 acres in 1899 and 1,004,233 acres in 1889. The percentage of increase from 1889 to 1899 was 44, and that from 1899 to 1909, 84.2. The absolute increase during the latter decade was nearly three times as great as that during the former, amounting to 1,217,990 acres, as against 441,881 acres.

The percentage of increase between 1899 and 1909 in the acreage irrigated was considerably higher than that in the number of farms irrigated, the acreage irrigated per farm increasing from 56.3 in 1899 to 67.7 in 1909. As a decrease from 397.4 acres to 316.7 acres in the average size of the farms of the state was reported for the same period, it is probable that farmers are irrigating larger parts of their holdings than formerly. It is not possible, however, to determine how far this is actually the case, as the higher average size shown for 1900 was due to some extent to the inclusion as farm land in 1900 of some tracts of land used for grazing which were not reported as farm land in 1910.

The percentage which irrigated land formed of the total land area of the state increased from 1.5 in 1899 to 2.7 in 1909, and the percentage which such land formed of all land in farms increased from 5 in 1899 to 9.5 in 1909, while the ratio between the irrigated acre-

age and the total improved land in farms increased from 12.1 per cent to 23.4 per cent.

In both 1909 and 1899 the county for which the largest area of irrigated land was reported was Fresno, with an irrigated acreage of 402,318 and 283,737 at the respective censuses. In Tulare County 265,404 acres were irrigated in 1909, and in 5 counties besides the 2 named the area of irrigated lands exceeded 100,000 acres, while in 10 counties the irrigated area was between 50,000 and 100,000 acres.

The county in which irrigated land formed the highest percentage of the total land area in 1909 was Kings, where 25.7 per cent of the land was irrigated.

Acreage included in projects.—The foregoing table shows that in 1910 existing enterprises were ready to supply water to 3,619,378 acres, or 955,274 acres more than were irrigated in 1909. It is probable that, after allowance is made for an increase in the area irrigated in 1910 over that in 1909, there remained at the close of 1910 under ditch but not irrigated considerably more than half as much land as was brought under irrigation in the 10 years from 1899 to 1909. The acreage included in projects exceeds the acreage irrigated in 1909 by 2,826,256 acres, which is more than twice the acreage brought under irrigation in the last decade and somewhat greater than the total area irrigated in 1909. This acreage represents the area which will be available for the extension of irrigation in the next few years upon the completion of projects now under way and without new undertakings. It indicates in a general way the area available for settlement, although much of this unirrigated land is in farms already settled.

Acreage irrigated, classified by character of enterprise.—The following table gives the distribution of the acreage irrigated in 1909 according to the character of the enterprise controlling the irrigation works. There are no Carey Act enterprises in California.

CHARACTER OF ENTERPRISE.	ACREAGE IRRIGATED IN 1909.	
	Amount.	Per cent distribution.
All classes.....	2,664,104	100.0
U. S. Reclamation Service.....	400	(¹)
U. S. Indian Service.....	3,490	0.1
Irrigation districts.....	173,733	6.5
Cooperative enterprises.....	779,020	29.2
Commercial enterprises.....	746,255	28.0
Individual and partnership enterprises.....	961,136	36.1

¹ Less than one-tenth of 1 per cent.

Irrigation districts, cooperative enterprises, and individual and partnership enterprises, which together supplied about 72 per cent of the acreage irrigated in 1909, are all controlled by the water users. Commercial enterprises, the only other class in the state that irrigated any extensive acreage in 1909, supplied 28 per cent of the total irrigated area.

Acreage irrigated, classified by source of water supply.—The following table shows the distribution of the acreage irrigated in 1909 according to the source of water supply.

As in other states, streams are the principal source of supply of water for irrigating, but in California wells supply much more land than in any other state. Much land receives water from both sources, but most of this is credited to streams.

SOURCE OF WATER SUPPLY.	ACREAGE IRRIGATED IN 1909.	
	Amount.	Per cent distribution.
All sources.....	2,684,104	100.0
Streams.....	2,246,722	84.3
Lakes.....	18,470	0.7
Wells.....	350,723	13.2
Springs.....	31,779	1.2
Reservoirs.....	16,410	0.6

IRRIGATION WORKS.

The table following summarizes the data collected relating to works for supplying water for irrigation in 1910. As none of the items reported in 1910 were reported in 1900 for all irrigation works in the state, there is no opportunity for comparisons between the two censuses.

Independent enterprises.....	number..	13,970
Ditches, total length.....	miles..	21,129
Main ditches.....	number..	8,590
Length.....	miles..	12,620
Capacity.....	cu. ft. per second..	89,597
Lateral ditches.....	number..	6,143
Length.....	miles..	8,509
Reservoirs.....	number..	1,583
Capacity.....	acre-feet..	743,269
Flowing wells.....	number..	2,361
Capacity.....	gals. per minute..	477,343
Pumped wells.....	number..	10,724
Capacity.....	gals. per minute..	4,119,575
Pumping plants.....	number..	9,297
Engine capacity.....	horsepower..	128,143
Pump capacity.....	gals. per minute..	5,276,298

Assuming that the enterprises in operation in 1909 were identical with those reported in 1910, the average acreage irrigated per enterprise in 1909 was 190.7, and the acreage irrigated per mile of main ditch was 211.1.

This table and the preceding one relating to source of supply show the extent to which underground water is utilized for irrigation in California. The flowing wells, of which there were 2,361, with a total capacity of 477,343 gallons per minute, irrigated

74,128 acres in 1909. The great majority of these wells are in southern California and the San Joaquin Valley, 93.7 per cent of the total number reported and 96.9 per cent of the land thus irrigated being in Kern, Kings, Los Angeles, Orange, Riverside, San Bernardino, Santa Clara, and Tulare Counties. Of the 10,724 pumped wells reported, 5,248 were in the counties named and 4,503 in Fresno, Merced, Monterey, Sacramento, San Benito, San Diego, San Joaquin, and Ventura Counties. The pumped wells in these two groups of counties irrigated 258,687 of the 276,595 acres irrigated by such wells in the entire state.

Pumping from lakes and streams has also been practiced extensively in many sections of the state, 32,539 acres having been irrigated in this way in 1909. Water pumped from all sources, including lakes, streams, and wells, supplied an area of 309,134 acres. It should be noted that this figure represents only the acreage which received water wholly or mainly from pumps, and hence does not take into account large areas where in addition to a flow from gravity ditches a supplemental supply from pumped wells is received in times of temporary scarcity or drought. The pumping plants and wells so used are included in the totals given in the table, but the acreage thus irrigated is credited to the source of supply upon which the greater dependence is placed.

COST OF CONSTRUCTION, OPERATION, AND MAINTENANCE.

The table following shows the total cost of irrigation enterprises up to July 1, 1910, including construction of works and acquisition of rights but not operation and maintenance, with the average cost per acre, based on the acreage the enterprises were capable of irrigating in 1910; the estimated final cost of enterprises completed and enterprises now under construction, with the average cost per acre, based on the acreage included in projects; and the total cost and average cost per acre of operation and maintenance in 1909. Similar data from the census of 1900, so far as available, are included for comparison.

The cost of operation and maintenance is not reported for individual and partnership enterprises, for the reason that farmers whose land is irrigated by such systems generally clean their own ditches at odd times without keeping any record of the time spent. In the case of larger enterprises this cost represents

a cash outlay by the farmers, while in the case of many of the smaller cooperative enterprises the cost is worked out by the farmers.

	CENSUS OF—		INCREASE.	
	1910	1900	Amount.	Per cent.
Cost of irrigation enterprises.....	\$72,580,030	\$19,181,610	\$53,398,420	278.4
Average per acre.....	\$20.65	\$13.27	(²)	.....
Estimated final cost of existing enterprises.....	\$84,392,344	(³)	.....	.....
Average per acre included in projects.....	\$15.37	(⁴)	.....	.....
Operation and maintenance:				
Acreage for which cost is reported.....	1,368,247	(⁵)	.....	.....
Total cost reported.....	\$2,109,431	(⁶)	.....	.....
Average cost per acre.....	\$1.54	(⁷)	.....	.....

¹ Reported July 1.
² Cost of construction of systems operated in 1899, exclusive of those on Indian reservations.
³ Based on acreage enterprises were capable of irrigating in 1910.
⁴ Based on acreage irrigated in 1894, exclusive of 242 acres on Indian reservations.
⁵ Figures not comparable. (See explanation in text.)
⁶ Not reported.
⁷ For 1909.

The cost of irrigation systems shows the largest increase of any item included in the census of irrigation, 278.4 per cent. In the average cost per acre there was also a considerable increase. The average cost per acre shown for 1910 is based on the acreage to which enterprises were capable of supplying water in that year, but since the corresponding acreage for 1900 was not reported, the figure for average cost at the earlier census is based on the acreage irrigated in 1899, and consequently is not comparable with the figure for the last census. If computed on the basis of the acreage irrigated in 1909, the average cost per acre in 1910 would be \$27.24, representing an increase of 105.3 per cent over the figure for the average cost at the census of 1900. The largely increased cost of irrigation enterprises is due in a considerable measure to the expensive equipment installed to secure a water supply and protect it from loss by seepage and evaporation, in sections where water is scarce and crop values are high. Furthermore, a number of large enterprises are under construction upon which considerable expenditures have been made, but which are

irrigating little land as yet, making the average cost reported higher than the true average. The average based on the estimated final cost and the acreage included in projects, \$15.37 per acre, probably more truly represents the average cost per acre of irrigation in California.

The county showing the lowest average cost per acre enterprises were capable of irrigating in 1910, \$1.29, is Mono, where much of the irrigated land consists of flooded pastures. The highest average cost per acre, \$368.40, is in Nevada County, where the unusual cost is due to the fact that many of the ditches now used for irrigation were originally constructed at heavy expense for mining purposes.

The acreage for which cost of operation and maintenance in 1909 was reported forms 51.4 per cent of the total acreage reported as irrigated in 1909, and 80.3 per cent of the acreage reported as irrigated by other than individual and partnership enterprises. The cost reported can be said, therefore, to represent fairly the average annual expense for all but individual and partnership enterprises.

CROPS.

As previously stated, the data relating to irrigated crops are taken from supplemental schedules filled out by the regular census enumerators. Since the special agents found enterprises which the enumerators had not reported, it is evident that the information relating to irrigated crops is incomplete to some extent. It shows, however, the relative importance of the dif-

ferent irrigated crops, and is sufficiently complete to afford reliable averages of yields and for comparison with totals for the state.

The following table shows the acreage, yield, and value of the principal crops reported as grown under irrigation in 1909, in comparison with totals for the same crops reported for the entire state:

CROP.	ACREAGE.			Unit.	YIELD.		VALUE.	
	Total for state.	Irrigated.			Total for state.	On irrigated land.	Total for state.	For irrigated land.
		Amount.	Per cent of total.					
Cereals:								
Corn	51,935	17,802	34.3	Bushels	1,273,901	491,978	\$1,077,411	\$440,312
Oats	192,158	5,903	3.1	Bushels	4,143,688	205,727	2,637,047	137,160
Wheat	478,217	22,003	4.7	Bushels	6,203,206	408,706	5,323,983	428,668
Barley	1,105,158	77,785	6.9	Bushels	26,441,954	1,844,371	17,184,508	1,097,541
Rye	7,027	107	1.5	Bushels	70,683	1,265	65,846	1,133
Other grains and seeds:								
Alfalfa seed	8,761	2,570	29.3	Bushels	23,791	5,911	200,823	53,829
Dry edible beans	157,987	11,384	7.2	Bushels	3,328,218	244,624	6,296,457	378,770
Dry peas	2,959	290	9.8	Bushels	57,468	9,902	101,016	15,331
Hay and forage:								
Timothy alone	13,725	8,026	58.5	Tons	20,001	11,236	185,579	90,083
Timothy and clover mixed	46,661	20,880	44.7	Tons	73,183	34,177	629,575	316,993
Clover alone	8,519	1,176	13.8	Tons	20,380	2,689	215,289	40,429
Alfalfa	484,134	366,692	75.7	Tons	1,639,707	1,280,103	13,688,539	9,083,370
Other tame or cultivated grasses ¹	92,556	6,504	7.0	Tons	122,103	10,656	1,280,911	112,097
Wild, salt, or prairie grasses	253,127	153,672	60.7	Tons	281,033	189,964	2,028,494	1,194,716
Grains cut green	1,604,745	101,187	6.3	Tons	2,019,526	146,013	24,056,727	1,532,681
Coarse forage	29,368	7,593	29.4	Tons	60,611	19,151	438,935	152,542
Sundry crops:								
Potatoes	67,688	32,735	48.4	Bushels	9,824,005	5,180,006	4,879,490	2,440,931
Sugar beets	78,957	14,657	18.6	Tons	845,191	171,494	4,320,532	839,561
Orchard fruits	(2)	73,491	.....	.....	.....	.....	18,358,897	6,397,138
Small fruits	9,687	6,876	71.0	.....	.....	.....	1,789,214	1,585,808
Tropical fruits	(3)	89,969	.....	.....	.....	.....	16,751,034	15,269,911
Nuts	(2)	22,420	.....	.....	.....	.....	2,959,845	4,637,741
Grapes	(2)	74,984	.....	.....	.....	.....	10,846,812	3,038,435

¹ Includes millet or Hungarian grass.² Agriculture returns show number of trees and vines, and not acreage.

Although considerable quantities of other crops are grown both on irrigated and unirrigated land, the leading crops of the state, as well as the leading crops grown under irrigation, are represented in the table. In the reports of the agricultural census the acreages of seed crops are not usually given, but since the growing of alfalfa seed is coming to be an important industry in the irrigated sections of the country, statistics for this crop are given in the preceding table.

Acreage.—Of the entire acreage of the crops for which totals are presented in the table, slightly less than one-fifth is irrigated, the proportion irrigated varying widely for the different crops.

The cereals are very generally grown without irrigation, only 6.5 per cent of the total acreage of the cereal crops given in the table being irrigated. The highest percentage of acreage irrigated shown for any cereal, 34.3, is reported for corn, and the next highest, 6.5, for barley. The proportions for wheat and oats are, respectively, 4.7 and 3.1 per cent.

The hay and forage crops are more generally irrigated than the cereals, the irrigated acreage forming 26.3 per cent of the total reported for these crops. In the case of three of the eight hay and forage crops included in the table more than half of the total acreage is irrigated. For alfalfa the proportion is 75.7 per cent, for "wild, salt, or prairie grasses" 60.7 per cent, and for "timothy alone" 58.5 per cent.

Of the entire acreage in potatoes 48.4 per cent was irrigated in 1909 and of that in small fruits 71 per cent. Sugar beets are grown for the most part without irrigation in California, only 18.6 per cent of the total acreage of the crop being irrigated. The relative importance of the irrigated acreage in orchard and tropical fruits can not be determined, because the total acreage devoted to such fruits was not reported. It will be observed, however, that more than one-third of the value of all orchard fruits produced in the state and more than nine-tenths of the value of all tropical fruits produced represent the value of products grown on irrigated land. The value of the nuts grown on irrigated land forms 55.3 per cent of that of the total crop and the value of grapes from irrigated land 28 per cent of that of all grapes grown.

Of the crops shown in the table, alfalfa has the largest irrigated acreage, such acreage representing 32.5 per cent of the total irrigated area of the crops given. "Wild, salt, or prairie grasses" are next, with 13.6 per cent of this total, followed by grains cut green, with 9 per cent; tropical fruits, with 8.8 per cent; barley, with 6.9 per cent; grapes, with 6.6 per cent, and orchard fruits, with 6.5 per cent. No other single crop occupies as much as 3 per cent of the total acreage of the irrigated crops presented in the table. It will be observed, however, that, in point of value, the alfalfa crop is exceeded by that of tropical fruits, which contributed 32.4 per cent of the total value of irrigated crops, as against 21.2 per cent for alfalfa.

While many of the crops irrigated are well distributed geographically, there is a tendency toward the concentration of certain crops in particular localities. This is shown by the following statement, which gives the counties having the largest acreages of the principal irrigated crops, with the proportions which each contains of the total irrigated acreages of these crops in the state.

Corn.—Kern County, 29.4 per cent; Los Angeles, 13.4 per cent; Inyo, 10.5 per cent; Tulare, 7.9 per cent.

Oats.—Plumas County, 29 per cent; Lassen, 11.3 per cent; Siskiyou, 10.9 per cent; Inyo, 8.7 per cent.

Wheat.—Kern County, 20 per cent; Tulare, 17.9 per cent; Kings, 15.1 per cent; Lassen, 12.5 per cent.

Barley.—Imperial County, 43.9 per cent; Kings, 15.4 per cent; Kern, 8.2 per cent; Merced, 7.6 per cent.

Alfalfa seed.—Kings County, 47.7 per cent; Fresno, 17.6 per cent; Lassen, 10.8 per cent; Kern, 9.4 per cent.

Dry edible beans.—San Joaquin County, 64.2 per cent; Orange, 13.1 per cent; Ventura, 6.4 per cent; Contra Costa, 5.2 per cent.

Timothy alone.—Shasta County, 30.7 per cent; Plumas, 19.5 per cent; Modoc, 14.1 per cent; Siskiyou, 11.5 per cent.

Timothy and clover mixed.—Siskiyou County, 30.1 per cent; Lassen, 16.7 per cent; Plumas, 15.3 per cent; Shasta, 8.2 per cent.

Clover alone.—Nevada County, 18.3 per cent; Shasta, 16.1 per cent; Eldorado, 15.1 per cent; Yuba, 11.7 per cent.

Alfalfa.—Fresno County, 11.7 per cent; Stanislaus, 10.8 per cent; Merced, 10.3 per cent; Kings, 8.5 per cent.

"Other tame or cultivated grasses."—Siskiyou County, 26.4 per cent; Sierra, 20.5 per cent; Modoc, 10.3 per cent; Nevada, 8.9 per cent.

"Wild, salt, or prairie grasses."—Modoc County, 33 per cent; Lassen, 24 per cent; Plumas, 12.1 per cent; Sierra, 8 per cent.

Grains cut green.—Fresno County, 22.3 per cent; Imperial, 20.5 per cent; Kern, 11.9 per cent; Kings, 10.2 per cent.

Coarse forage.—Tulare County, 33.8 per cent; Fresno, 15.8 per cent; Imperial, 12.3 per cent; Los Angeles, 10.6 per cent.

Potatoes.—San Joaquin County, 48 per cent; Contra Costa, 20 per cent; Los Angeles, 9.3 per cent; Orange, 4.5 per cent.

Sugar beets.—Monterey County, 34.3 per cent; Los Angeles, 30.6 per cent; Santa Barbara, 13.5 per cent; Orange, 8.7 per cent.

Orchard fruits.—Fresno County, 31.9 per cent; Placer, 14.8 per cent; Tulare, 8.4 per cent; Santa Clara, 6.5 per cent.

Small fruits.—Los Angeles County, 30.4 per cent; Santa Clara, 13.9 per cent; Sacramento, 10.9 per cent; Santa Cruz, 7.2 per cent.

Tropical fruits.—San Bernardino County, 25.6 per cent; Los Angeles, 24.8 per cent; Riverside, 14.2 per cent; Tulare, 11.6 per cent.

Nuts.—Orange County, 46 per cent; Los Angeles, 34.7 per cent; Ventura, 12.1 per cent.

Grapes.—Fresno County, 62.6 per cent; Tulare, 12.2 per cent; Kings, 6.2 per cent; Sacramento, 5.7 per cent.

Of the total irrigated acreage of fruit trees and vines not bearing in 1909, amounting to 59,031, 36.1 per cent was in Fresno County, 14 per cent in Tulare County, 8 per cent in Orange County, and 7.2 per cent in Los Angeles County.

Yield.—In the table following the average yields per acre of crops extensively grown, both with and without irrigation, are shown. The yields on unirrigated land are obtained by subtracting the totals for irrigated crops from the totals for the state.

For all the crops given in the table, except alfalfa seed, "timothy alone," and "clover alone," there were greater average yields in 1909 on irrigated than on unirrigated land. The relative excess is greatest in the case of oats, 65.4 per cent, and next greatest in the case of wheat, 42.5 per cent.

For the cereals there was in every case an excess in the average yield under irrigation over that without irrigation, this excess ranging from 7.7 to 65.4 per cent. In the case of six of the hay and forage crops the average yield on irrigated land was greater than that on unirrigated land, the differences varying from 8.6 to 34.8 per cent, but for two a greater average yield on unirrigated land was reported. Comparisons can not be made for fruits, for the reason that the agricultural

returns do not give the total acreage devoted to these crops.

CROP.	AVERAGE YIELD PER ACRE.		
	On unirrigated land.	On irrigated land.	
		Amount.	Per cent of excess over yield on unirrigated land. ¹
Corn..... bushels..	22.9	27.6	20.5
Oats..... bushels..	21.1	34.9	65.4
Wheat..... bushels..	12.7	18.1	42.5
Barley..... bushels..	22.0	23.7	7.7
Alfalfa seed..... bushels..	2.9	2.3	-20.7
Dry edible beans..... bushels..	21.0	21.5	2.4
Timothy alone..... tons..	1.54	1.40	-9.1
Timothy and clover mixed..... tons..	1.51	1.64	8.6
Clover alone..... tons..	2.41	2.29	-5.0
Alfalfa..... tons..	3.06	3.49	14.1
Other tame or cultivated grasses..... tons..	1.30	1.64	26.2
Wild, salt, or prairie grasses..... tons..	0.92	1.24	34.8
Grains cut green..... tons..	1.25	1.44	15.2
Coarse forage..... tons..	2.27	2.52	11.0
Potatoes..... bushels..	132.9	158.2	19.0
Sugar beets..... tons..	10.48	11.70	11.6

¹ A minus sign (-) indicates that the yield on irrigated land is less than that on unirrigated land.

In considering these comparisons it should be borne in mind that they are not comparisons of yields on irrigated and on unirrigated land in the same localities, but of yields under irrigation in localities where crops can not be grown to advantage without it with yields in localities where irrigation is not necessary. They do not indicate, therefore, the relative advantages of farming with and without irrigation in a given community, but rather give one factor for determining the relative advantages of farming where irrigation is necessary and where it is not necessary for the successful growing of crops.

COUNTY TABLE.

The next table gives in detail, by counties, the data summarized above, except those relating to crops. For purposes of comparison the total number of farms in the state, the approximate land area of the state, the total land in farms, and the improved land in farms have been included in the table.

Certain irrigation enterprises extend into more than one county, and in the case of some of these enterprises the reports do not segregate the data by counties. In such cases a distribution has been made according to the best estimates possible from all the information in the possession of the bureau. It is believed that these estimates are approximately correct.

The number of farms irrigated in 1909 includes 350 farms in Contra Costa, Del Norte, Humboldt, Marin, Mendocino, Napa, San Francisco, San Mateo, Santa Cruz, Sonoma, and Sutter Counties, shown under "all other counties" in Twelfth Census report, and 64 farms on Indian reservations.

The acreage irrigated in 1909 includes 3,834 acres in Contra Costa, Del Norte, Humboldt, Marin, Mendocino, Napa, San Francisco, San Mateo, Santa Cruz,

Sonoma, and Sutter Counties, shown under "all other counties" in Twelfth Census report, and 242 acres on Indian reservations.

The figures for number and length of main ditches for 1899 relate only to main ditches, outside of Indian reservations, receiving water by gravity from streams, lakes, and springs in 1899 and used chiefly or solely for irrigation purposes.

Figures for cost in 1899 are exclusive of Indian reservations.

Change of boundaries.—In comparing the data secured for 1910 with those from the census of 1900, the following changes in county boundaries should be considered: (1) The organization of Imperial County from a part of San Diego County in 1907; and (2) the annexation of a part of Fresno County to Kings County in 1909.

Land in farms in Sutter County.—In accordance with instructions to assign all of the acreage of a farm to the county in which the residence of the operator was located, a large acreage in adjoining counties has been tabulated as in Sutter County.

ACREAGE IRRIGATED, EXTENT AND COST OF IRRIGATION ENTERPRISES, AND COST OF OPERATION AND MAINTENANCE, BY COUNTIES: 1909 AND 1910.

[Comparative data for 1899 in italics.]

	THE STATE.	Alameda.	Alpine.	Amador.	Butte.	Calaveras.	Colusa.	Contra Costa.	Eldorado.
1	Number of all farms in 1910.....	1 88,197	2,422	42	537	1,500	632	667	1,465
2	Number of farms irrigated in 1909.....	39,352	50	32	73	154	112	78	716
3	Per cent of all farms.....	44.6	2.1	76.2	13.6	37.1	24.4	11.8	5.3
4	Number of farms irrigated in 1899.....	25,675	101	33	157	655	143	62	295
5	Per cent of increase, 1899-1909.....	53.3	450.5	43.0	46.7	22.2	7.7	80.6	47.3
LAND AND FARM AREA									
6	Approximate total land area.....acres.....	1 99,617,280	468,480	496,640	384,640	1,102,080	657,280	729,600	456,960
7	Land in farms.....acres.....	1 27,931,444	311,327	32,004	291,730	490,777	271,401	522,376	406,433
8	Improved land in farms.....acres.....	1 11,399,894	177,314	7,579	46,969	247,097	59,104	336,509	262,152
9	Area irrigated in 1909.....acres.....	2,664,104	1,859	3,349	826	28,754	1,275	4,276	26,856
10	Per cent of total land area.....	2.7	0.4	0.7	0.2	2.6	0.2	0.6	5.9
11	Per cent of land in farms.....	9.5	0.6	10.5	0.3	5.9	0.5	0.8	6.6
12	Per cent of improved land in farms.....	23.4	1.0	44.2	1.8	11.6	2.2	1.3	10.2
13	Area irrigated in 1899.....	1 1,445,114	2,532	4,391	1,167	7,832	1,477	2,395	5,487
14	Per cent of increase, 1899-1909.....	84.2	426.6	423.7	42.2	252.2	413.6	42.8	51.2
15	Area enterprises were capable of irrigating in 1910.....	3,619,378	1,872	3,399	3,973	115,075	3,161	16,541	32,562
16	Area included in projects.....	3,490,360	2,605	3,435	4,139	233,500	3,919	18,783	32,640
ACREAGE IRRIGATED AND INCLUDED IN PROJECTS									
CLASSIFIED BY CHARACTER OF ENTERPRISE.									
17	U. S. Reclamation Service, irrigated in 1909.....	400							
18	Enterprises were capable of irrigating in 1910.....	1,200							
19	Included in projects.....	14,290							
20	U. S. Indian Service, irrigated in 1909.....	3,490							
21	Enterprises were capable of irrigating in 1910.....	3,490							
22	Included in projects.....	3,800							
23	Carey Act enterprises, irrigated in 1909.....								
24	Enterprises were capable of irrigating in 1910.....								
25	Included in projects.....								
26	Irrigation districts, irrigated in 1909.....	173,793							
27	Enterprises were capable of irrigating in 1910.....	294,108							
28	Included in projects.....	626,351							
29	Cooperative enterprises, irrigated in 1909.....	779,020					875		200
30	Enterprises were capable of irrigating in 1910.....	964,570					2,500		480
31	Included in projects.....	1,388,435					3,450		480
32	Commercial enterprises, irrigated in 1909.....	746,265			360	24,930	180	1,000	3,661
33	Enterprises were capable of irrigating in 1910.....	1,294,059			3,500	110,260	1,300	1,000	3,661
34	Included in projects.....	1,985,063			3,500	221,450	1,700	2,000	17,801
35	Individual and partnership enterprises, irrigated in 1909.....	961,136	1,859	3,349	466	3,824	1,095	2,401	26,856
36	Enterprises were capable of irrigating in 1910.....	1,131,951	1,872	3,399	473	4,875	1,861	13,041	32,562
37	Included in projects.....	1,512,511	2,605	3,435	639	12,650	2,219	13,333	32,640
ACREAGE IRRIGATED									
CLASSIFIED BY SOURCE OF WATER SUPPLY.									
38	Supplied from streams.....	2,246,722	651	3,194	771	27,803	906	4,258	26,504
39	By gravity.....	2,216,757	546	3,194	789	27,771	893	3,318	20,818
40	By pumping.....	29,965	105		2	32	13	940	5,686
41	Supplied from lakes.....	18,470							1,500
42	By gravity.....	15,896		115					1,500
43	By pumping.....	2,574							
44	Supplied from wells.....	350,723	1,125		646		52	11	267
45	Flowing.....	74,128					4		30
46	By pumping.....	276,595	1,125		646		48	11	237
47	Supplied from springs.....	31,779	40	45	305		247	7	85
48	Supplied from reservoirs.....	16,410	83		70		70		70
49	Total acreage supplied by pumping.....	309,134	1,230		2	678	61	951	5,923
IRRIGATION ENTERPRISES									
50	Independent enterprises.....number.....	13,970	53	21	49	144	150	45	185
51	Number in 1899.....								
52	Per cent of increase, 1899-1910.....	8,590	49	25	55	135	148	38	176
53	Main ditches.....number.....	1,915							56
54	Number in 1899.....								
55	Per cent of increase, 1899-1910.....	12,620	21	34	185	270	124	44	172
56	Length.....miles.....	5,108							255
57	Length in 1899.....								
58	Per cent of increase, 1899-1910.....	89,597	605	179	255	2,028	206	531	60
59	Capacity.....cubic feet per second.....	6,143		3	12	145	32	10	25
60	Laterals.....number.....	8,509		1	56	170	31	7	55
61	Length.....miles.....	1,583	52		14	27	29		25
62	Reservoirs.....number.....	743,269	3		309	360	12,029		711
63	Capacity.....acre-feet.....								1
64	Flowing wells.....number.....	2,361					6		
65	Capacity.....gallons per minute.....	477,843					40		143
66	Pumped wells.....number.....	10,264	56			46	7	3	26
67	Capacity.....gallons per minute.....	4,119,575	3,740			29,686	844	977	1,339
68	Pumping plants.....number.....	9,297	57			46	9	12	30
69	Capacity.....horsepower.....	128,143	384			558	44	516	754
70	Pump capacity.....gallons per minute.....	5,276,238	5,019		100	32,391	1,094	51,365	138,947
COST									
71	Cost of enterprises up to July 1, 1910.....dollars.....	72,580,030	57,156	7,493	265,608	1,231,894	121,033	76,112	90,503
72	Cost in 1899.....dollars.....	19,181,610							
73	Per cent of increase, 1899-1910.....	278.4							
74	Average cost per acre enterprises were capable of irrigating in 1910.....dollars.....	20.05	30.53	2.20	66.85	10.71	38.29	4.60	2.78
75	Average cost per acre irrigated in 1899.....dollars.....	18.27							63.07
76	Estimated final cost of existing enterprises.....dollars.....	84,392,344	57,156	7,493	265,608	1,381,894	121,033	76,112	90,503
77	Average per acre included in projects.....dollars.....	15.37	21.94	2.18	64.17	5.92	30.88	4.05	2.77
OPERATION AND MAINTENANCE									
78	Total for which cost is reported.....	1,368,247			360	24,280	140	800	3,590
79	Actual cost reported.....dollars.....	2,109,431			8,505	28,546	918	4,053	16,325
80	Average per acre for which cost is reported.....dollars.....	1.53			23.63	1.17	6.56	8.07	4.55
81	Average cost per acre in 1899.....dollars.....								
82	Per cent of increase, 1899-1909.....								

* Includes figures for Del Norte County, from which no irrigation is reported on the census of 1910.
 † Includes figures shown under "all other counties" in Twelfth Census report, and for Indian reservations. (See explanation at close of text.)

* Included in "all other counties" in Twelfth Census report.
 † Decrease.
 ‡ Not reported.
 § Not reported by counties. (See explanation at close of text.)

ACREAGE IRRIGATED, EXTENT AND COST OF IRRIGATION ENTERPRISES, AND

[Comparative data for 1899 in italics.]

	Fresno. ¹	Glenn.	Humboldt.	Imperial.	Inyo.	Kern.	Kings. ¹	Lake.	Lassen.
1 Number of all farms in 1910.....	6,245	663	1,534	1,322	438	1,167	1,837	606	502
2 Number of farms irrigated in 1909.....	5,310	196	533	1,250	376	1,126	1,326	354	355
3 Per cent of all farms.....	85.0	29.6	2.2	94.6	93.2	75.1	61.3	7.1	70.7
4 Number of farms irrigated in 1899.....	2,469	67	(²)	(¹)	302	653	780	45	513
5 Per cent of increase, 1899-1909.....	192.5				12.7	34.2		44.4	13.4
LAND AND FARM AREA									
6 Approximate land area..... acres.....	3,808,000	805,760	2,325,750	2,616,960	6,412,160	5,121,920	741,760	817,920	2,899,840
7 Land in farms..... acres.....	1,106,616	491,198	642,536	223,602	110,142	1,403,350	373,823	217,464	295,728
8 Improved land in farms..... acres.....	590,205	309,763	105,248	176,059	38,608	315,387	196,569	42,768	122,057
9 Acreage irrigated in 1909.....	402,318	5,661	208	190,711	65,163	190,034	190,949	582	77,079
10 Per cent of total land area.....	10.6	0.7	(¹)	7.3	1.0	3.7	25.7	0.7	2.7
11 Per cent of land in farms.....	36.4	1.2	(¹)	85.3	59.2	13.5	51.1	0.3	26.1
12 Per cent of improved land in farms.....	63.0	1.8	0.2	108.3	60.3	97.1	1.4	63.2	1.4
13 Acreage irrigated in 1899.....	283,787	1,382	(²)	(¹)	41,025	112,853	95,794	623	49,634
14 Per cent of increase, 1899-1909.....	309.6				58.8	68.9		11.3	55.3
15 Acreage enterprises were capable of irrigating in 1910.....	560,326	16,804	333	242,000	71,815	217,418	289,523	828	89,815
16 Acreage included in projects.....	633,652	220,664	906	375,000	92,519	402,806	310,523	1,208	149,530
ACREAGE IRRIGATED AND INCLUDED IN PROJECTS									
CLASSIFIED BY CHARACTER OF ENTERPRISE.									
17 U. S. Reclamation Service, irrigated in 1909.....			400						
18 Enterprises were capable of irrigating in 1910.....			1,200						
19 Included in projects.....			14,200						
20 U. S. Indian Service, irrigated in 1909.....									
21 Enterprises were capable of irrigating in 1910.....									
22 Included in projects.....									
23 Carey Act enterprises, irrigated in 1909.....									
24 Enterprises were capable of irrigating in 1910.....									
25 Included in projects.....									
26 Irrigation districts, irrigated in 1909.....	9,329						925		
27 Enterprises were capable of irrigating in 1910.....	21,335						2,785		
28 Included in projects.....	21,335						2,785		
29 Cooperative enterprises, irrigated in 1909.....	52,017			190,711	25,400	6,720	136,480		2,740
30 Enterprises were capable of irrigating in 1910.....	71,492			242,000	27,200	9,620	170,480		5,080
31 Included in projects.....	88,498			375,000	37,700	13,800	177,020		7,200
32 Commercial enterprises, irrigated in 1909.....	304,523	2,500				111,550	34,032		6,200
33 Enterprises were capable of irrigating in 1910.....	417,379	9,000				129,260	93,781		15,000
34 Included in projects.....	452,509	198,000				275,068	93,781		52,000
35 Individual and partnership enterprises, irrigated in 1909.....	36,444	2,761	206		39,763	71,734	19,512	583	68,139
36 Enterprises were capable of irrigating in 1910.....	59,120	6,644	333		44,615	79,138	22,477	828	69,735
37 Included in projects.....	71,010	8,464	966		54,619	113,938	36,937	1,268	90,330
ACREAGE IRRIGATED									
CLASSIFIED BY SOURCE OF WATER SUPPLY.									
38 Supplied from streams.....	380,109	5,463	179	190,711	62,402	183,112	178,187	359	62,342
39 By gravity.....	378,472	4,282	179	190,711	62,402	183,112	178,187	301	62,322
40 By pumping.....	1,637	1,181						58	20
41 Supplied from lakes.....	480						4	320	720
42 By gravity.....	480						4	320	720
43 By pumping.....									
44 Supplied from wells.....	21,729	198	11			141	6,387	12,442	10
45 By flowing.....						141	2,097	11,400	2
46 By pumping.....	21,729	198	11				4,290	1,042	8
47 Supplied from springs.....			18			1,620	531		213
48 Supplied from reservoirs.....						1,000			10,015
49 Total acreage supplied by pumping.....	23,846	1,379	11			4,294	1,042	66	740
IRRIGATION ENTERPRISES									
50 Independent enterprises..... number.....	975	116	33	9	188	244	77	43	233
51 Number in 1899.....									
52 Per cent of increase, 1899-1910.....									
53 Main ditches..... number.....	254	50	33	12	184	178	27	44	295
54 Number in 1899.....									
55 Per cent of increase, 1899-1910.....									
56 Length..... miles.....	831	136	26	117	396	441	137	26	368
57 Length in 1899.....									
58 Per cent of increase, 1899-1910.....									
59 Capacity..... cubic feet per second.....	6,292	1,659	145	3,250	2,752	9,990	4,840	90	2,248
60 Laterals..... number.....	688	554	4	179	326	118	51	21	213
61 Length..... miles.....	1,354	1,073	2	890	168	257	159	2	166
62 Reservoirs..... number.....	8	12	5			51	37	3	29
63 Capacity..... acre-feet.....	402	45,009				11,300	1,601	111	2
64 Flowing wells..... number.....	3					10	25	75	1
65 Capacity..... gallons per minute.....	450					500	12,283	19,436	75
66 Pumped wells..... number.....	105		2			140	20	3	
67 Capacity..... gallons per minute.....	443,024	26,484	105			100	90,618	8,700	272
68 Pumping plants..... number.....	888	77	1			1	114	18	2
69 Engine capacity..... horsepower.....	8,990	896	3			5	2,346	174	49
70 Pump capacity..... gallons per minute.....	515,380	62,449	105			160	80,668	12,559	4,577
COST									
71 Cost of enterprises up to July 1, 1910..... dollars.....	1,898,460	1,519,561	29,027	4,955,272	962,698	1,788,635	687,381	12,124	884,965
72 Cost in 1899.....									
73 Per cent of increase, 1899-1910.....									
74 Average cost per acre enterprises were capable of irrigating in 1910..... dollars.....	3.39	90.43	\$7.17	20.48	13.41	5.23	2.37	14.64	9.85
75 Average cost per acre irrigated in 1899.....									
76 Estimated final cost of existing enterprises..... dollars.....	1,898,460	3,716,976	29,027	5,884,182	962,698	1,788,635	687,381	12,124	1,034,965
77 Average per acre included in projects..... dollars.....	3.00	16.84	30.05	15.69	10.43	4.44	2.21	9.50	6.92
OPERATION AND MAINTENANCE									
78 Acreage for which cost is reported.....	352,569			190,711	25,400	4,080	156,100		6,920
79 Total cost reported..... dollars.....	56,172			393,724	9,946	5,533	40,800		18,450
80 Average per acre for which cost is reported..... dollars.....	0.16			2.06	0.39	1.36	0.26		2.67
81 Average cost per acre in 1899.....									
82 Per cent of increase, 1899-1909.....									

¹Change of boundary. (See explanation at close of text.) ²Included in "all other counties" in Twelfth Census report. ³Decrease. ⁴Less than one-tenth of 1 per cent.

STATISTICS OF IRRIGATION.

COST OF OPERATION AND MAINTENANCE, BY COUNTIES: 1909 AND 1910—Continued.

[Comparative data for 1899 in italics.]

	Los Angeles.	Madera.	Marin.	Mari- posa.	Mendo- cino.	Merced.	Modoc.	Mono.	Monterey.	Napa.
1 Number of all farms in 1910.....	7,919	573	498	330	1,356	1,856	736	91	1,658	1,537
2 Number of farms irrigated in 1909.....	4,669	158		56	39	1,417	437	76	1,268	36
3 Per cent of all farms.....	59.0	27.6	1.2	17.0	2.9	76.3	59.4	83.5	15.9	2.3
4 Number of farms irrigated in 1899.....	4,066	180	(?)	66	(?)	620	467	97	88	(?)
5 Per cent of increase, 1899-1909.....	14.8	31.7		* 15.2		172.5	* 6.4	* 21.6	193.2	
LAND AND FARM AREA										
6 Approximate land area.....acres.....	2,602,850	1,351,680	338,560	936,320	2,209,920	1,276,800	2,446,720	1,939,200	2,131,200	501,120
7 Land in farms.....acres.....	757,985	620,603	263,442	206,059	721,325	1,162,167	410,134	115,672	1,147,416	360,580
8 Improved land in farms.....acres.....	418,998	291,086	93,115	37,017	82,578	607,742	164,784	43,382	371,509	101,114
9 Acreage irrigated in 1909.....	148,586	35,705	67	376	371	151,998	82,075	49,027	15,056	1,191
10 Per cent of total land area.....	5.6	2.6	(?)	(?)	(?)	11.9	3.4	2.5	0.7	0.2
11 Per cent of land in farms.....	19.2	6.2	(?)	0.2	0.1	13.1	20.0	42.4	1.3	0.3
12 Per cent of improved land in farms.....	34.7	6.9	0.1	1.0	0.4	25.0	49.8	* 113.0	4.1	1.2
13 Acreage irrigated in 1899.....	85,614	25,168	(?)	674	(?)	111,530	78,016	63,202	6,675	(?)
14 Per cent of increase, 1899-1909.....	70.0	62.2		* 34.5		36.5	5.2	* 17.2	125.6	
15 Acreage enterprises were capable of irrigating in 1910.....	183,506	51,230	71	546	590	248,670	89,476	50,007	27,176	2,035
16 Acreage included in projects.....	241,794	82,321	71	767	1,365	281,719	124,166	84,973	29,914	2,443
ACREAGE IRRIGATED AND INCLUDED IN PROJECTS										
CLASSIFIED BY CHARACTER OF ENTERPRISE.										
17 U. S. Reclamation Service, irrigated in 1909.....										
18 Enterprises were capable of irrigating in 1910.....										
19 Included in projects.....										
20 U. S. Indian Service, irrigated in 1909.....										
21 Enterprises were capable of irrigating in 1910.....										
22 Included in projects.....										
23 Carey Act enterprises irrigated in 1909.....										
24 Enterprises were capable of irrigating in 1910.....										
25 Included in projects.....										
26 Irrigation districts, irrigated in 1909.....	850					8,200				
27 Enterprises were capable of irrigating in 1910.....	850					15,917				
28 Included in projects.....	850					19,880				
29 Cooperative enterprises, irrigated in 1909.....	64,068	8,696			800	2,190			5,773	
30 Enterprises were capable of irrigating in 1910.....	75,196	16,000			1,110	2,500			9,283	
31 Included in projects.....	84,538	16,000			1,110	3,000			9,350	
32 Commercial enterprises, irrigated in 1909.....	5,267			29	134,228	8,550			5,000	
33 Enterprises were capable of irrigating in 1910.....	16,757			60	221,428	9,500			8,500	
34 Included in projects.....	40,757			60	248,765	12,150			9,500	
35 Individual and partnership enterprises, irrigated in 1909.....	75,401	30,099	67	376	342	5,710	71,035	49,027	4,283	1,191
36 Enterprises were capable of irrigating in 1910.....	90,703	35,230	71	546	530	10,215	77,476	50,007	8,588	2,035
37 Included in projects.....	115,649	66,321	71	767	1,305	11,864	109,016	84,973	11,064	2,443
ACREAGE IRRIGATED										
CLASSIFIED BY SOURCE OF WATER SUPPLY.										
38 Supplied from streams.....	46,754	37,042	64	324	278	149,714	69,164	46,142	10,603	1,070
39 By gravity.....	46,689	37,042		324	270	147,138	69,164	46,142	9,769	832
40 By pumping.....	65		64		8	2,576			834	238
41 Supplied from lakes.....							690	2,420	20	5
42 By gravity.....							690	2,420		3
43 By pumping.....									20	
44 Supplied from wells.....	97,318	1,603	3	6	29	2,264			4,428	7
45 Flowing.....	13,570					2.2	308			
46 By pumping.....	83,748	1,603	3	6	29	2,002			4,428	7
47 Supplied from springs.....	1,512			46	4	2.0	7,189	465	5	94
48 Supplied from reservoirs.....	2				60		4,724			15
49 Total acreage supplied by pumping.....	83,813	1,603	67	6	37	4,578	3		5,282	245
IRRIGATION ENTERPRISES										
50 Independent enterprises.....number.....	1,567	35	6	48	37	135	388	77	117	35
51 Number in 1899.....	1,296									
52 Per cent of increase, 1899-1910.....										
53 Main ditches.....number.....	601	34	5	49	33	45	446	85	106	26
54 Number in 1899.....										
55 Length.....miles.....	800	79	5	21	19	261	637	172	223	8
56 Length in 1899.....miles.....										
57 Per cent of increase, 1899-1910.....										
58 Capacity.....cubic feet per second.....	2,296	1,515	21	28	49	4,478	2,907	1,243	1,903	25
59 Laterals.....number.....	494	30			8	353	490	101	23	3
60 Length.....miles.....	500	294			6	352	175	65	10	8
61 Reservoirs.....number.....	279	3	1	8	7	10	32		2	3
62 Capacity.....acre-feet.....	955	12,341	1		10	15,003	33,993		3	13
63 Flowing wells.....number.....	376					29	45			
64 Capacity.....gallons per minute.....	70,818					2,567	1,256			
65 Pumped wells.....number.....	1,673	33	1	2	6	72	2		102	2
66 Capacity.....gallons per minute.....	871,143	26,518	150	49	2,296	52,068	44		196,236	300
67 Pumping plants.....number.....	1,361	25	6	2	10	108	2		124	17
68 Engine capacity.....horsepower.....	30,632	604	48	1	65	1,305	2		5,338	115
69 Pump capacity.....gallons per minute.....	872,718	26,518	1,100	49	3,886	93,239	44		260,513	7,751
COST										
70 Cost of enterprises up to July 1, 1910.....dollars.....	7,817,023	512,098	3,380	13,440	30,297	3,748,211	301,040	64,282	495,916	53,948
71 Cost in 1899.....dollars.....										
72 Per cent of increase, 1899-1910.....										
73 Average cost per acre enterprises were capable of irrigating in 1910.....dollars.....	42.60	10.00	47.61	24.02	51.35	15.07	3.36	1.29	18.25	26.51
74 Average cost per acre irrigated in 1899.....dollars.....										
75 Estimated final cost of existing enterprises.....dollars.....	9,266,023	512,098	3,380	13,440	30,297	3,748,211	316,040	64,282	578,916	53,948
76 Average per acre included in projects.....dollars.....	33.32	6.22	47.61	17.52	22.20	13.30	2.55	0.76	19.35	22.08
OPERATION AND MAINTENANCE										
77 Acreage for which cost is reported.....	67,361	8,696				103,288	950		10,073	
78 Total cost reported.....dollars.....	357,967	5,175				48,228	250		12,916	
79 Average per acre for which cost is reported.....dollars.....	5.31	0.60				0.91	0.26		1.28	
80 Acreage cost per acre in 1899.....dollars.....										
81 Per cent of increase, 1899-1909.....										

* Acreage irrigated includes wild grass land, while improved acreage does not.

† Not reported.

‡ Not reported by counties.

ACREAGE IRRIGATED, EXTENT AND COST OF IRRIGATION ENTERPRISES, AND

[Comparative data for 1899 in Italics.]

	Nevada	Orange.	Placer.	Plumas.	River-side.	Sacra-mento.	San Benito.	San Ber-nardino.	San Diego. ¹	San Fran-cisco.
1	544	3,165	1,062	721	2,688	1,601	921	2,949	2,298	157
2	300	3,215	618	151	2,174	1,033	840	2,363	2,890	25
3	55.1	70.0	58.2	68.3	80.9	65.8	26.1	83.5	38.7	(5.9)
4	283	1,658	618	187	1,737	425	166	1,854	1,041	15.2
5	6.0	42.2	19.3	19.3	25.2	147.8	44.6	32.8		
LAND AND FARM AREA										
6	623,360	508,800	892,800	1,660,160	4,633,600	629,120	890,880	12,000,450	2,701,440	27,520
7	175,398	371,692	248,080	134,259	520,896	473,044	544,301	208,396	534,426	2,091
8	24,542	189,463	68,608	54,281	27,151	275,632	186,573	136,565	234,045	1,562
9	3,839	55,056	16,845	36,602	71,436	53,683	7,186	70,278	24,944	383
10	0.6	10.8	1.9	2.2	1.5	8.5	0.8	0.5	0.9	1.4
11	2.2	14.8	6.8	27.3	13.7	11.3	1.3	33.7	3.0	18.3
12	15.6	29.1	17.1	97.4	25.7	19.5	3.9	61.4	10.7	24.5
13	4,003	41,649	10,308	28,458	32,947	19,409	2,870	37,877	16,022	(?)
14	3.1	32.5	63.4	28.8	116.8	332.6	150.4	85.5	55.7	
15	4,259	63,486	23,365	37,529	103,233	69,970	13,790	86,107	31,205	383
16	5,297	71,444	61,751	37,901	210,432	74,588	20,067	132,415	45,535	383
ACREAGE IRRIGATED AND INCLUDED IN PROJECTS										
CLASSIFIED BY CHARACTER OF ENTERPRISE.										
17										
18										
19										
20										
21					690				2,890	
22					731				3,069	
23										
24										
25										
26										
27										
28										
29	85	30,528			44,464		765	49,200	2,640	
30	85	31,965			66,659		1,500	55,860	4,040	
31	85	38,425			154,011		1,500	62,764	5,560	
32	2,075		16,310		7,663	8,819	3,180	2,683	10,000	
33	2,109		22,667		11,813	22,162	8,000	2,883	11,000	
34	2,109		60,667		11,813	22,162	12,000	45,383	13,250	
35	1,679	24,528	365	36,602	18,709	44,864	3,241	18,395	9,414	383
36	2,065	31,521	698	37,529	24,161	47,808	4,290	27,364	13,275	383
37	3,073	33,019	1,084	37,901	43,897	52,426	6,567	41,268	23,656	383
ACREAGE IRRIGATED										
CLASSIFIED BY SOURCE OF WATER SUPPLY.										
38										
39	3,647	28,373	16,780	35,279	29,686	44,285	4,425	42,634	19,839	
40	3,647	28,263	16,731	35,279	29,445	42,388	4,374	42,168	19,532	
41	15	110	49	320	241	1,897	61	466	307	
42				320			100			
43				320			100			
44				320			100			
45	5	26,683	17	20	40,643	9,398	2,659	26,544	5,030	383
46		6,526		20	20,806		847	3,374		
47	5	20,157	17	20	19,837	9,398	1,812	23,170	5,030	383
48	172		48	883	1,107		2	1,100	75	
49	20	20,267	66		20,078	11,295	1,863	23,636	5,337	383
IRRIGATION ENTERPRISES										
50	103	619	35	127	610	889	109	521	384	39
51										
52										
53	110	309	35	147	301	213	64	291	288	24
54										
55	236	180	194	201	500	238	61	466	299	7
56										
57										
58	372	876	437	1,176	2,825	1,556	366	1,315	1,464	11
59	46	115	46	62	202	5	12	237	244	
60	42	106	16	288	8	283	8	283	160	
61	24	19	29	131	2	6	3	83	83	
62	26,438	189	53,354	58,440	362	5,302	96,969	26,845	27	2
63										
64	588		3	553				79		
65	92,689		504	90,331		1,168		21,825		
66	580		792	1,168				87		
67	48	260,947	289	289,472	260,303	25,822	209,747	438,307	438	399
68	4	453	5	1,102				54		39
69	12	8,575	30	11,067	5,059	677	10,700	2,857	899	
70	848	286,003	1,284	346,788	335,666	29,452	233,136	112,256	4,444	84
COST										
71	1,569,028	1,948,246	2,798,740	107,118	5,648,469	1,452,471	177,924	9,416,960	3,753,127	21,975
72										
73										
74	368.40	30.69	119.78	2.85	54.72	20.76	12.90	109.36	120.27	57.35
75										
76	1,569,028	1,948,246	2,798,740	107,118	5,698,469	1,452,471	267,924	13,038,449	3,767,127	21,975
77	297.90	27.27	45.32	2.83	27.08	19.47	13.35	85.55	82.73	37.88
OPERATION AND MAINTENANCE										
78	804	29,239	16,310		51,410	7,229	3,665	33,973	12,640	
79	3,150	78,875	73,064		293,871	16,073	3,584	187,877	64,374	
80	3.92	2.70	4.48		5.72	2.22	0.98	5.53	5.09	
81										
82										

¹ Change of boundary. (See explanation at close of text.)

² Included in "all other countries" in Twelfth Census report.

STATISTICS OF IRRIGATION.

COST OF OPERATION AND MAINTENANCE, BY COUNTIES: 1909 AND 1910—Continued.

[Comparative data for 1899 in Italics.]

	San Joaquin.	San Luis Obispo.	San Mateo.	Santa Barbara.	Santa Clara.	Santa Cruz.	Shasta.	Sierra.	Siskiyou.	Solano.
1 Number of all farms in 1910.....	3,286	1,714	665	1,355	4,731	1,466	1,010	110	1,114	1,143
2 Number of farms irrigated in 1909.....	1,452	91	75	10	1,101	106	639	94	57	13
3 Per cent of all farms.....	44.2	5.3	11.3	(?)	23.3	7.2	63.0	\$5.5	5.1	1.1
4 Number of farms irrigated in 1899.....	414	73	(?)	182	1,129	(?)	686	98	79	29
5 Per cent of increase, 1899-1909.....	256.7	16.7	.....	24.7	2.5	.....	6.9	4.1	1.4	41.2
LAND AND FARM AREA										
6 Approximate land area..... acres.....	926,720	2,133,760	286,080	1,753,600	849,920	278,400	2,469,120	590,720	4,003,840	526,080
7 Land in farms..... acres.....	763,048	1,588,660	160,655	1,120,475	734,819	157,308	389,218	84,220	455,876	474,866
8 Improved land in farms..... acres.....	611,762	1,326,928	100,800	715,552	577,170	66,875	30,217	30,794	186,147	310,432
9 Acreage irrigated in 1909..... acres.....	59,811	1,887	3,648	12,012	57,637	1,201	33,004	17,504	60,301	3,610
10 Per cent of total land area.....	6.5	0.1	1.3	0.7	6.4	0.4	1.3	3.0	1.5	0.7
11 Per cent of land in farms.....	7.8	0.1	2.3	1.1	5.1	0.8	3.4	5.6	3.2	1.2
12 Per cent of improved land in farms.....	9.8	0.5	3.6	5.6	15.9	1.8	10.1	15.0	10.0	2.8
13 Average irrigated in 1899.....	18,466	1,137	(?)	3,218	40,097	(?)	16,169	13,603	49,403	2,305
14 Per cent of increase, 1899-1909.....	223.9	48.4	.....	273.3	6.1	.....	104.2	28.7	22.8	28.7
15 Acreage enterprises were capable of irrigating in 1910.....	77,083	2,410	3,653	13,572	50,939	1,313	36,564	17,505	66,866	7,160
16 Acreage included in projects.....	173,563	2,539	3,983	13,603	50,199	2,232	72,653	18,249	79,161	8,192
ACREAGE IRRIGATED AND INCLUDED IN PROJECTS										
CLASSIFIED BY CHARACTER OF ENTERPRISE.										
17 U. S. Reclamation Service, irrigated in 1909.....										
18 Enterprises were capable of irrigating in 1910.....										
19 Included in projects.....										
20 U. S. Indian Service, irrigated in 1909.....										
21 Enterprises were capable of irrigating in 1910.....										
22 Included in projects.....										
23 Carey Act enterprises, irrigated in 1909.....										
24 Enterprises were capable of irrigating in 1910.....										
25 Included in projects.....										
26 Irrigation districts, irrigated in 1909.....	3,000									
27 Enterprises were capable of irrigating in 1910.....	3,000									
28 Included in projects.....	71,050									
29 Cooperative enterprises, irrigated in 1909.....	3,060	448			90		8,854		2,750	
30 Enterprises were capable of irrigating in 1910.....	6,000	1,002			200	2,175	9,779		2,800	
31 Included in projects.....	6,000	1,002			200	2,475	28,054		2,800	
32 Commercial enterprises, irrigated in 1909.....	2,024				3,800	145			500	
33 Enterprises were capable of irrigating in 1910.....	7,563				1,000	10,000	145		500	
34 Included in projects.....	30,000				1,000	12,000	155		500	
35 Individual and partnership enterprises, irrigated in 1909.....	51,757	1,239	3,648	11,762	31,662	1,056	24,150	17,504	57,051	3,610
36 Enterprises were capable of irrigating in 1910.....	60,520	1,414	3,653	12,372	38,764	1,168	26,785	17,505	63,566	7,160
37 Included in projects.....	66,513	1,537	3,983	12,403	45,665	2,077	44,599	18,249	75,861	8,192
ACREAGE IRRIGATED										
CLASSIFIED BY SOURCE OF WATER SUPPLY.										
38 Supplied from streams.....	51,169	1,490	2,551	3,717	14,195	576	31,943	17,154	51,104	1,575
39 By gravity.....	47,512	1,211	1,155	3,382	11,987	367	30,584	17,154	51,006	792
40 By pumping.....	3,657	279	1,396	335	2,208	209	1,259		98	783
41 Supplied from lakes.....							293			26
42 By gravity.....							293			26
43 By pumping.....										
44 Supplied from wells.....	8,642	127	1,057	8,220	23,362	249	213		140	2,008
45 Flowing.....		18			1					
46 By pumping.....	8,642	109	1,057	8,153	15,947	247	212		140	2,008
47 Supplied from springs.....		70			55	37	64	350	9,051	1
48 Supplied from reservoirs.....			40	20	43	19	47			
49 Total acreage supplied by pumping.....	12,299	388	2,453	8,488	18,155	749	1,471		238	2,779
IRRIGATION ENTERPRISES										
50 Independent enterprises..... number.....	1,206	65	85	108	842	97	472	100	572	132
51 Number in 1899.....										
52 Per cent of increase, 1899-1910.....										
53 Main ditches..... number.....	298	51	57	76	458	81	446	119	595	20
54 Number in 1899.....										
55 Per cent of increase, 1899-1910.....										
56 Length..... miles.....	308	42	58	75	228	41	678	150	688	22
57 Length in 1899.....										
58 Per cent of increase, 1899-1910.....										
59 Capacity..... cubic feet per second.....	5,415	84	458	140	1,511	161	3,150	2,304	2,576	101
60 Laterals..... cubic feet.....	49	5			39		130	4	172	
61 Length..... miles.....	192	3			5		81	1	41	
62 Reservoirs..... acre-feet.....	73	8	3	32	142	55	10	3	20	3
63 Capacity.....	134,014	52	33	13	9	1,228	3,903	8	107	1
64 Flowing wells..... number.....	4	7			438	2	2			
65 Capacity..... gallons per minute.....		40			250	10	290			
66 Pumped wells..... number.....	1,018	12	40	113	800	58	34		3	123
67 Capacity..... gallons per minute.....	432,281	4,416	3,956	24,520	287,668	8,383	6,550		250	70,338
68 Pumping plants..... number.....	1,304	31	59	65	587	70	61		10	127
69 Engine capacity..... horsepower.....	7,382	155	421	1,142	9,404	384	418		69	1,862
70 Pump capacity..... gallons per minute.....	553,134	12,116	8,343	37,133	338,915	16,334	31,937		1,217	100,715
COST										
71 Cost of enterprises up to July 1, 1910..... dollars.....	1,689,720	32,311	90,921	370,186	1,337,216	76,621	430,766	69,650	370,627	135,532
72 Cost in 1899.....										
73 Per cent of increase, 1899-1910.....										
74 Average cost per acre enterprises were capable of irrigating in 1910..... dollars.....	21.92	13.37	24.89	27.28	26.25	58.36	11.78	3.98	5.54	18.93
75 Average cost per acre irrigated in 1899.....										
76 Estimated final cost of existing enterprises..... dollars.....	3,334,730	32,311	90,921	370,186	1,337,216	76,621	440,766	69,650	370,627	135,532
77 Average per acre included in projects..... dollars.....	19.16	12.73	22.83	27.21	22.24	34.33	6.07	3.82	4.68	16.54
OPERATION AND MAINTENANCE										
78 Acreage for which cost is reported.....	5,024	184			90	5,800	8,694		1,700	
79 Total cost reported..... dollars.....	5,053	395			704	3,674	6,934		898	
80 Average per acre for which cost is reported..... dollars.....	1.01	2.15			7.82	0.63	0.80		0.53	
81 Average cost per acre in 1899.....										
82 Per cent of increase, 1899-1909.....										

Decrease.

Not reported.

Not reported by counties.

ACREAGE IRRIGATED, EXTENT AND COST OF IRRIGATION ENTERPRISES, AND COST OF OPERATION AND MAINTENANCE, BY COUNTIES: 1909 AND 1910—Continued.

[Comparative data for 1899 in italics.]

	Sonoma.	Stanislaus.	Sutter.	Tehama.	Trinity.	Tulare.	Tuolumne.	Ventura.	Yolo.	Yuba.
1	4,772	2,687	873	1,006	308	4,021	386	1,293	1,255	436
2	38	1,911	39	366	201	3,048	157	489	333	112
3	0.8	71.1	4.5	36.4	65.3	75.8	40.7	37.8	26.5	25.7
4	(1)	221	(1)	299	170	21,467	186	363	167	161
5		764.7		75.1	18.2	107.8	15.1	38.5	99.4	38.1
LAND AND FARM AREA										
6	1,009,280	928,000	289,120	1,851,520	2,026,240	3,107,840	1,401,600	1,201,920	648,960	408,960
7	744,644	649,392	4,883,462	915,227	91,310	1,045,231	198,072	550,199	463,383	249,108
8	248,271	512,189	199,510	186,642	13,300	507,024	36,407	213,868	317,268	94,250
9	631	84,015	1,173	14,281	6,324	265,404	2,635	25,273	11,754	3,073
10	0.1	9.1	0.3	0.8	0.3	8.5	0.1	2.1	1.8	0.8
11	0.1	12.9	0.3	1.6	6.9	25.4	1.1	4.6	2.5	1.2
12	0.3	16.4	0.6	7.7	47.5	52.3	5.6	11.8	3.7	3.3
13	(1)	17,605	(1)	11,512	4,710	28,854	1,381	11,955	6,161	2,477
14	70.1	379.9	24.1	34.3	205.6	47.4	111.8	127.7	24.1	24.1
15	70.1	141,785	3,261	23,167	7,127	327,638	2,083	49,407	14,697	6,401
16	951	340,914	1,959	36,020	9,513	466,735	5,958	56,357	55,967	46,322
ACREAGE IRRIGATED AND INCLUDED IN PROJECTS										
CLASSIFIED BY CHARACTER OF ENTERPRISE.										
17	U. S. Reclamation Service, irrigated in 1909.									
18	Enterprises were capable of irrigating in 1910.									
19	Included in projects.									
20	U. S. Indian Service, irrigated in 1909.									
21	Enterprises were capable of irrigating in 1910.									
22	Included in projects.									
23	Carey Act enterprises, irrigated in 1909.									
24	Enterprises were capable of irrigating in 1910.									
25	Included in projects.									
26	Irrigation districts, irrigated in 1909.									
27	Enterprises were capable of irrigating in 1910.									
28	Included in projects.									
29	Cooperative enterprises, irrigated in 1909.									
30	Enterprises were capable of irrigating in 1910.									
31	Included in projects.									
32	Commercial enterprises, irrigated in 1909.									
33	Enterprises were capable of irrigating in 1910.									
34	Included in projects.									
35	Individual and partnership enterprises, irrigated in 1909.									
36	Enterprises were capable of irrigating in 1910.									
37	Included in projects.									
ACREAGE IRRIGATED										
CLASSIFIED BY SOURCE OF WATER SUPPLY.										
38	Supplied from streams.									
39	By gravity.									
40	By pumping.									
41	Supplied from rivers.									
42	By gravity.									
43	By pumping.									
44	Supplied from wells.									
45	Flowing.									
46	By pumping.									
47	Supplied from springs.									
48	Supplied from reservoirs.									
49	Total acreage supplied by pumping.									
IRRIGATION ENTERPRISES										
50	Independent enterprises.									
51	Number in 1899.									
52	Per cent of increase, 1899-1910.									
53	Main ditches.									
54	Number in 1899.									
55	Per cent of increase, 1899-1910.									
56	Length in 1899.									
57	Per cent of increase, 1899-1910.									
58	Capacity.									
59	Laterals.									
60	Length.									
61	Reservoirs.									
62	Capacity.									
63	Flowing wells.									
64	Capacity.									
65	Pumped wells.									
66	Capacity.									
67	Pumping plants.									
68	Engine capacity.									
69	Pump capacity.									
COST										
71	Cost of enterprises up to July 1, 1910.									
72	Cost in 1899.									
73	Per cent of increase, 1899-1910.									
74	Average cost per acre enterprises were capable of irrigating in 1910.									
75	Average cost per acre irrigated in 1899.									
76	Estimated final cost of existing enterprises.									
77	Average per acre included in projects.									
OPERATION AND MAINTENANCE										
78	Acreage for which cost is reported.									
79	Total cost reported.									
80	Average per acre for which cost is reported.									
81	Average cost per acre in 1899.									
82	Per cent of increase, 1899-1909.									

¹ Included in "all other counties" in Twelfth Census report.
² Exclusive of Indian reservations.

³ Decrease.
⁴ See explanation at close of text.

⁵ Not reported.
⁶ Not reported by counties.

CHAPTER 5.

STATISTICS OF MANUFACTURES FOR THE STATE, CITIES, AND INDUSTRIES.

Introduction.—This chapter gives the statistics of manufactures for the state of California for the calendar year 1909, as shown by the Thirtieth Census.

The text summarizes the general results of the census inquiry, presenting a series of special tables in which the main facts printed in the general tables are given in convenient form for the state as a whole and for important industries. It also presents tables in which the statistics for the industries of the state as a whole and for a few important industries are classified by character of ownership, size of establishments, number of wage earners, and prevailing hours of labor, information which could not be presented in general tables for each industry without disclosing the facts for individual establishments.

At the end of the chapter are three general tables.

Table I gives for 1909, 1904, and 1899 the number of establishments and of persons engaged in the industries, primary power, capital, salaries and wages, cost of materials, value of products, and value added by manufacture reported for all industries combined and for certain important industries (1) for the state as a whole and (2) for the cities of Los Angeles, Oakland, and San Francisco. It also gives the same items for all industries combined for every city having in 1910 a population of over 10,000 but less than 50,000.

Table II gives statistics in detail for 1909 for the state and for a larger number of industries.

Table III gives statistics in detail for 1909 for Los Angeles, Oakland, and San Francisco for all industries combined and selected industries, and for each city having from 10,000 to 50,000 inhabitants for all industries combined.

Scope of census: Factory industries.—Census statistics of manufactures are compiled primarily for the purpose of showing the absolute and relative magnitude of the different branches of industry covered and their growth or decline. Incidentally, the effort is made to present data throwing light upon character of organization, location of establishments, size of establishments, labor force, and similar subjects. When use is made of the data for these purposes it is imperative that due attention should be given to the limitations of the figures. Particularly is this true when the attempt is made to derive from them figures purporting to show average wages, cost of production, or profits. These limitations will be fully discussed in the general report on manufactures for the United States as a whole.

The census of 1909, like that of 1904, was confined to manufacturing establishments conducted under the factory system, as dis-

tinguished from the neighborhood, hand, and building industries. Where statistics for 1899 are given they have been reduced to a comparable basis by eliminating the latter classes of industries. The census does not include establishments which were idle during the entire year, or had a value of products of less than \$500, or the manufacturing done in educational, eleemosynary, and penal institutions, or in governmental establishments, except those of the Federal Government.

Period covered.—The returns cover the calendar year 1909, or the business year which corresponds most nearly to that calendar year. The statistics cover a year's operations, except for establishments which began or discontinued business during the year.

The establishment.—The term "establishment" comprises the factories, mills, or plants which are under a common ownership or control, and for which one set of books of account is kept.

If, however, the plants constituting an establishment as thus defined were not all located within the same city or state, separate reports were secured in order that the separate totals might be included in the statistics for each city or state. In some instances separate reports were secured for different industries carried on in the same establishment.

Classification by industries.—The establishments were assigned to the several classes of industries according to their products of chief value. The products reported for a given industry may thus, on the one hand, include minor products very different from those covered by the class designation, and, on the other hand, may not include the total product covered by this designation, because some part of this product may be made in establishments in which it is not the product of chief value.

Selected industries.—The general tables at the end of this chapter give the principal facts separately for the industries of the state. A selection has been made of the leading industries of the state for more detailed consideration. Sometimes an industry of greater importance than some of those selected is omitted, because it comprises so few establishments that these detailed presentations would reveal the operations of individual concerns.

Comparisons with previous censuses.—Owing to the changes in industrial conditions it is not always possible to classify establishments by industries in such a way as to permit accurate comparison with preceding censuses. Table I, giving comparable figures for 1909, 1904, and 1899, therefore, does not embrace all the industries shown for 1909 in Table II.

Influence of increased prices.—In considering changes in cost of materials, value of products, and value added by manufacture, account should be taken of the general increase in the prices of commodities during recent years. To the extent to which this factor has been influential the figures can not be taken as an exact measure of increase in the volume of business.

Persons engaged in industry.—At the censuses of 1909, 1904, and 1899 the following general classes of persons engaged in manufacturing industries have been distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents and managers, (4) clerks, and (5) wage earners. In the censuses of 1904 and 1899 these five classes were shown according to the three

main groups: (1) Proprietors and firm members, (2) salaried officials, clerks, etc., and (3) wage earners. The second group included the three classes of salaried officers of corporations, superintendents and managers, and clerks. In the present census an entirely different grouping is employed: That into (1) proprietors and officials, (2) clerks, and (3) wage earners. The first group includes proprietors and firm members, salaried officers of corporations, and superintendents and managers.

At this census the number of persons engaged in the industries, segregated by sex, and, in the case of wage earners, also by age (whether under 16 or 16 and over), was reported for December 15, or the nearest representative day. The 15th of December was selected as representing for most industries normal conditions of employment, but where conditions were exceptional, and particularly in the case of certain seasonal industries, such as canning, the December date could not be accepted as typical, and an earlier date had to be chosen.

In the case of employees other than wage earners the number thus reported on December 15, or other representative day, has been treated as equivalent to the average for the year, since the number of employees of this class does not vary much from month to month in a given industry. In the case of wage earners the average is obtained in the manner explained in the next paragraph.

Wage earners.—In addition to the report by sex and age of the number of wage earners on December 15, or other representative day, a report was obtained of the number employed on the 15th of each month, without distinction of sex or age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported each month by 12. The average thus obtained represents the number of wage earners that would be required to perform the work done if all were constantly employed during the entire year. Accordingly, the importance of any industry as an employer of labor is believed to be more accurately measured by this average than by the number employed at any one time or on a given day.

The number of wage earners reported for the representative day, though given for each separate industry, is not totaled for all industries combined, because in view of the variations of date such a total is believed not to be significant. It would involve more or less duplication of persons working in different industries at different times, would not represent the total number employed in all industries at any one time, and would give an undue weight to seasonal industries as compared with industries in continual operation.

In particular, totals by sex and age for the wage earners reported for the representative day would be misleading because of the undue weight given to seasonal industries, in some of which, such as canning and preserving, the distribution of the wage earners by sex and age is materially different from that in most industries of more regular operation. In order to determine as nearly as possible the sex and age distribution of the average number of wage earners in the state as a whole, the following procedure has been adopted:

The percentage distribution by sex and age of the wage earners in each industry, for December 15, or the nearest representative day, has been calculated from the actual numbers reported for that date. This percentage has been applied to the average number of wage earners for the year in that industry, to determine the average number of men, women, and children employed. These calculated averages for the several industries have been added up to give the average distribution for the state as a whole.

In 1899 and 1904 the schedule called for the average number of wage earners of each sex 16 years and over, and the total number under 16 years of age, for each month, and these monthly statements were combined in an annual average. Comparatively few manufacturing concerns, however, keep their books in such way as to show readily the number of men, women, and children (under 16) employed each month. These monthly returns by sex and age were, in fact, largely estimates. It was believed that a more accurate and reliable sex and age distribution could be secured by taking as a basis of estimate the actual numbers employed on a single day.

Prevailing hours of labor.—The census made no attempt to ascertain the number of employees working a given number of hours per week. The inquiry called merely for the prevailing practice followed in each establishment. Occasional variations in hours in an establishment from one period to another are disregarded, and no attention is given to the fact that a limited number of employees may have hours differing from those of the majority. In the tables all the wage earners of each establishment are counted in the class within which the establishment itself falls. In most establishments, however, all or practically all the employees work the same number of hours, so that these figures give a substantially correct picture of the hours of labor in manufacturing industries.

Capital.—For reasons stated in prior census reports, the statistics of capital secured by the census canvass are so defective as to be without value, except as indicating very general conditions. The instructions on the schedule for securing capital were as follows:

The answer should show the total amount of capital, both owned and borrowed, on the last day of the business year reported. All the items of fixed and live capital may be taken at the amounts carried on the books. If land or buildings are rented, that fact should be stated and no value given. If a part of the land or buildings is owned, the remainder being rented, that fact should be so stated and only the value of the owned property given. Do not include securities and loans representing investments in other enterprises.

Materials.—Cost of materials refers to the materials used during the year, which may be more or less than the materials purchased during the year. The term materials includes fuel, rent of power and heat, mill supplies, and containers, as well as materials forming a constituent part of the product. Fuel includes all fuel used, whether for heat, light, or power, or for the process of manufacture.

Expenses.—Under "Expenses" are included all items of expense incident to the year's business, except interest, whether on bonds or other forms of indebtedness, and allowances for depreciation.

Value of products.—The value of products for any industry includes the total value of all products manufactured in establishments whose products of chief value fall under the industry designation. The amounts given represent the selling value at the factory of all products manufactured during the year, which may differ from the value of the products sold. Amounts received for work on materials furnished by others are included.

Value added by manufacture.—The value of products is not a satisfactory measure of either the absolute or the relative importance of a given industry, because only a part of this value is actually created by the manufacturing process carried on in the industry itself. Another part of it, and often by far the larger part, represents the value of the materials used, which have been produced by agriculture or mining or by other industrial establishments. For many purposes, therefore, the best measure of the importance of different classes of industry is the value created as the result of the manufacturing operations carried on within the industry. This value is obtained by deducting the cost of the materials consumed from the value of the product. The figure thus obtained is termed in the census reports "value added by manufacture."

There is a further statistical advantage which "value added" has over gross value of products. In combining the value of products for all industries the value of products produced by one establishment and used as materials in another is duplicated, and the total, therefore, gives a greatly exaggerated idea of the wealth created. No such duplication takes place in the total "value added by manufacture."

Cost of manufacture and profits.—Census data do not show the entire cost of manufacture, and consequently can not be used to show profits. No account has been taken of interest and depreciation. Even if the amount of profit could be determined by deducting the expenses from the value of the products, the rate of profit on the investment could not properly be calculated, because of the very defective character of the returns regarding capital.

Primary power.—The figures given for this item show the total of the primary power used by the establishments. They do not cover the power developed by motors operated by such power, the inclusion of which would evidently result in duplication.

Location of establishments.—The Census Bureau has classified establishments by their location in cities or classes of cities. In interpreting these figures due consideration should be given to the fact that often establishments are located just outside the boundaries of cities, and are necessarily so classified, though locally they are looked upon as constituting a part of the manufacturing interests of the cities.

Laundries.—The census of 1909 was the first to include statistics of laundries. The reports are confined to establishments using mechanical power. The data are presented separately and are not included in the general total for manufacturing industries, in order to avoid interference with comparisons with prior censuses.

Custom sawmills and gristmills.—In order to make the statistics for 1909 comparable with those for 1904, the data for these mills have been excluded from all the tables presenting general statistics. Statistics for custom gristmills are given in a separate table at the end of this chapter. Statistics can not be shown for custom sawmills without disclosing the operations of the one establishment reported.

INDUSTRIES IN GENERAL.

General character of the state.—California, with a gross area of 158,297 square miles, of which 2,645 represent water surface, ranks second in size among the states of the Union. Its population in 1910 was 2,377,549, as compared with 1,485,053 in 1900 and 1,213,398 in 1890. In 1910 the density of population for the entire state was 15.3 per square mile, the corresponding figure for 1900 being 9.5. It ranked twelfth among the 49 states and territories as regards population in 1910 and twenty-first in 1900. Sixty-one and eight-tenths per cent of the entire population of the state resided in 1910 in cities and incorporated towns having a population of 2,500 or over, as against 52.4 per cent in 1900.

San Francisco, with a population of 416,912, Los Angeles, with 319,198, and Oakland, with 150,174, were the only cities in the state having over 50,000 inhabitants in 1910, but there were 18 other cities having a population of 10,000 or over. (See table on page 684.) These 21 cities contained 53.3 per cent of the total population of the state in 1910, and were credited with 55.7 per cent of the total value of its manufactured products in 1909. Only 8.5 per cent of the population of the state resided in incorporated places of between 2,500 and 10,000 inhabitants.

San Francisco Bay, which has an area of about 450 square miles, is by far the most important harbor of the state. On this bay are located the cities of San Francisco and Oakland, the former being the most important port on the Pacific coast. Los Angeles and San Diego, in southern California, are the ports of the state next in importance. Several trunk lines and local railways, which operated 7,529 miles of track in 1909,¹ furnish excellent transportation facilities by land, and the lower courses of the Sacramento and San Joaquin Rivers are available for transportation by water. These two rivers, together with numerous smaller rivers and many mountain streams in various parts of the state, afford abundant water power, some of which is transformed into electric energy which in some instances is transmitted over exceptionally long distances.

The natural resources of the state give rise to several of its leading industries, such as the lumber industry, canning and preserving, flour milling and gristmilling, petroleum refining, the refining of beet sugar, the wine industry, and the manufacture of cement. The high

cost of fuel, the greater part of which had to be brought from outside the state, retarded the early development of manufactures, but the discovery of an abundance of oil in the state, the development of the oil fields, and the utilization during recent years of electricity generated by water power have given a decided impetus to manufactures in California.

Importance and growth of manufactures.—Although agriculture and mining are the principal industries in California, the state shows a marked growth in manufactures during the last 40 years. The gross value of products per capita of the total population increased from \$119 in 1869 to \$223 in 1909, and the proportion which the manufactures of the state represented of the total value of the products of manufacturing industries in the United States advanced from 1.6 per cent to 2.6 per cent during the same time. California ranked sixteenth among the states in 1869 in gross value of manufactured products, but had advanced to eleventh place in 1909.

The table on page 676 gives the most important figures relative to all classes of manufactures combined for 1909, 1904, and 1899, together with the percentages of increase from census to census.

In 1909 the state of California had 7,659 manufacturing establishments, which gave employment to an average of 141,576 persons during the year and paid out \$107,097,000 in salaries and wages. Of the persons employed, 115,296 were wage earners. These establishments turned out products to the value of \$529,761,000, to produce which materials costing \$325,238,000 were utilized. The value added by manufacture was thus \$204,523,000, which figure, as explained in the Introduction, best represents the net wealth created by manufacturing operations during the year.

The totals presented in this report do not include the statistics for an establishment operated by the Federal Government—the United States navy yard, located at Mare Island. In 1909 this plant employed an average of 1,917 wage earners and the value of the work performed was \$4,335,000.

In general, the table brings out the fact that the manufacturing industries of California, in most respects, showed a higher rate of development during the five-year period 1899–1904 than during the succeeding five-year period 1904–1909. During the period 1899–1904 the average number of wage earners increased 30 per cent, the value of products 42.7 per cent, and the

¹ Interstate Commerce Commission, Statistics of Railways in the United States, 1909.

value added by manufacture 63.8 per cent. For the later period, 1904-1909, the corresponding percentages were 14.9, 44.3, and 35, respectively. As pointed out in the Introduction, it would be improper to infer

that manufactures increased in volume to the full extent indicated by the figures relating to values, since the increase shown is certainly due, in part, to the increase that has taken place in the price of commodities.

	NUMBER OR AMOUNT.			PER CENT OF INCREASE.	
	1909	1904	1899	1904-1909	1899-1904
Number of establishments.....	7, 659	6, 839	4, 997	12. 0	36. 9
Persons engaged in manufactures.....	141, 576	120, 040	(¹)	17. 9	.....
Proprietors and firm members.....	8, 077	7, 402	(¹)	9. 1	.....
Salaried employees.....	18, 203	12, 283	6, 877	48. 2	78. 6
Wage earners (average number).....	115, 296	100, 355	77, 224	14. 9	30. 0
Primary horsepower.....	329, 100	210, 359	126, 953	56. 4	65. 7
Capital.....	\$537, 134, 000	\$282, 647, 000	\$175, 468, 000	90. 0	61. 1
Expenses.....	476, 154, 000	321, 928, 000	225, 404, 000	47. 9	42. 8
Services.....	107, 097, 000	79, 056, 000	47, 385, 000	35. 5	66. 8
Salaries.....	22, 955, 000	14, 399, 000	7, 495, 000	59. 4	92. 1
Wages.....	84, 142, 000	64, 657, 000	39, 890, 000	30. 1	62. 1
Materials.....	325, 238, 000	215, 726, 000	164, 894, 000	50. 8	30. 8
Miscellaneous.....	43, 819, 000	27, 146, 000	13, 125, 000	61. 4	106. 8
Value of products.....	529, 761, 000	367, 218, 000	257, 386, 000	44. 3	42. 7
Value added by manufacture (value of products less cost of materials).....	204, 523, 000	151, 492, 000	92, 492, 000	35. 0	63. 8

¹ Figures not available.

The relative importance and growth of the leading manufacturing industries of the state are shown in the table on page 677.

It should be borne in mind, in considering this table, that the value of products in some of the industries involves a certain amount of duplication due to the use of the products of one establishment in the industry as material for other establishments.

In addition to the 56 industries presented separately in the table, there are 24 other industries in the state which had a value of products in 1909 exceeding \$500,000.¹ These are included under the head of "All other industries" in the table in some cases because the operations of individual establishments would be disclosed if they were shown separately; in others, because the returns do not properly present the true condition of the industry, as it is interwoven with one or more other industries, and in still others because comparable statistics for prior census years are not available, or can not be presented on account of changes in classification. Of these 24 industries, those of special importance are the smelting and refining of lead, the refining of cane sugar, the smelting and refining of copper, the manufacture of beet sugar, the manufacture of explosives, and shipbuilding, including boat

¹ These industries are:

Artificial flowers and feathers and plumes.	Malt.
Awnings, tents, and sails.	Matches.
Bags, other than paper.	Mineral and soda waters.
Baking powders and yeast.	Oil, not elsewhere specified.
Beet sugar.	Roofing materials.
Chocolate and cocoa products.	Shipbuilding, including boat building.
Coracle and twine and jute and linen goods.	Smelting and refining, copper.
Explosives.	Smelting and refining, lead.
Glass.	Soap.
Glass, cutting, staining, and ornamenting.	Sugar refining, not including beet sugar.
Iron and steel pipe, wrought.	Wirework, including wire rope and cable.
Lead, bar, pipe, and sheet.	Woolen, worsted, and felt goods, and wool hats.

building. The 1909 statistics, however, for the shipbuilding industry are given in Table II, page 706.

The most important industries listed in the table on page 677, in which they are arranged in the order of value of products, call for brief discussion in order to show the scope of the classifications where these are not on their face entirely clear, or to point out important facts in relation to the growth of the industries in the state.

Lumber and timber products.—This industry embraces logging operations, sawmills, planing mills, and establishments engaged in the manufacture of wooden-packing boxes. It does not include mills engaged exclusively in custom sawing. The industry is the leading one in the state, giving employment in 1909 to 22,935 wage earners, or 19.9 per cent of the total for all manufacturing industries, and the value of its products amounted to \$45,000,000, or 8.5 per cent of the total. While the growth of the industry during the five-year period 1904-1909 was considerable, its development was much less rapid than during the earlier period, 1899-1904.

Slaughtering and meat packing.—This classification includes the wholesale slaughtering and meat-packing establishments and those engaged in the manufacture of sausage only. The animals slaughtered are largely cattle and sheep from the foothills and lower mountain slopes and from the plateau region of the northeastern part of the state and southeastern Oregon, conditions in these sections being very favorable to stock raising. About half of the stock slaughtered is raised within the state.² The fact that within recent years the meat packers have been able to overcome, through refrigera-

² California: Its Products, Resources, Industries, and Attractions, 1909, p. 95.

tion, climatic difficulties which required the excessive use of salt in preserving meats has been an important factor in the growth of this industry. The total value of

products reported for the industry in 1909, \$34,280,000, represents an increase of \$18,463,000, or 116.7 per cent, as compared with the amount reported for 1899.

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		PER CENT OF INCREASE. ¹			
		Average number.	Per cent distribution.	Amount.	Per cent distribution.	Amount.	Per cent distribution.	Value of products.		Value added by manufacture.	
								1904-1909	1899-1904	1904-1909	1899-1904
All industries.....	7,659	115,298	100.0	\$529,761,000	100.0	\$204,523,000	100.0	44.3	42.7	35.0	63.8
Lumber and timber products.....	644	22,935	19.9	45,000,000	8.5	26,631,000	13.0	30.0	70.5	15.4	89.0
Slaughtering and meat packing.....	94	1,641	1.4	34,280,000	6.5	5,832,000	2.9	55.7	39.2	78.8	48.2
Canning and preserving.....	196	7,757	6.7	32,915,000	6.2	8,906,000	4.4	26.2	74.6	19.9	54.9
Foundry and machine-shop products.....	543	8,377	7.3	26,731,000	5.1	13,830,000	6.8	51.9	35.1	35.4	43.7
Flour-mill and gristmill products.....	125	948	0.8	25,188,000	4.8	3,296,000	1.6	24.7	54.9	7.3	51.9
Printing and publishing.....	1,240	7,556	6.6	15,032,000	4.7	18,705,000	9.1	30.9	80.7	28.1	83.0
Cars and general shop construction and repairs by steam-railroad companies.....	42	9,342	8.1	18,719,000	3.5	9,170,000	4.5	90.3	30.2	39.3	76.6
Petroleum, refining.....	29	930	0.8	17,878,000	3.4	3,980,000	1.9	211.0	723.6	146.0	677.9
Bread and other bakery products.....	864	4,018	3.5	17,710,000	3.3	7,333,000	3.6	66.8	117.7	50.8	115.8
Butter, cheese, and condensed milk.....	161	597	0.5	12,761,000	2.4	1,621,000	0.8	63.2	118.3	19.1	126.1
Leather, tanned, curried, and finished.....	40	1,398	1.2	9,367,000	1.8	2,238,000	1.1	16.0	9.0	7.8	35.3
Liquors, malt.....	53	1,296	1.1	9,319,000	1.8	6,790,000	3.3	24.1	47.7	28.5	38.2
Liquors, vinous.....	181	1,257	1.1	8,937,000	1.7	4,253,000	2.1	33.6	69.9	41.2	114.0
Gas, illuminating and heating.....	74	3,666	3.2	8,827,000	1.7	6,323,000	3.1	64.9	71.2	49.6	86.6
Copper, tin, and sheet-iron products.....	233	1,938	1.7	6,804,000	1.3	3,259,000	1.6	14.6	12.4	22.2	49.1
Cement.....	8	2,407	2.1	6,504,000	1.2	4,322,000	2.1	306.2	.....	361.8	.....
Coffee and spice, roasting and grinding.....	44	352	0.3	6,492,000	1.2	1,375,000	0.9	38.6	.....	.....	74.4
Food preparations.....	129	716	0.6	5,508,000	1.0	1,538,000	0.8	247.1	37.9	137.0	37.2
Liquors, distilled.....	33	193	0.2	5,353,000	1.0	4,518,000	2.2	359.5	389.5	471.9	1,580.9
Clothing, men's, including shirts.....	74	2,385	2.1	5,121,000	1.0	2,226,000	1.1	-2.2	11.0	-10.1	23.1
Furniture and refrigerators.....	129	1,653	1.4	4,496,000	0.9	2,638,000	1.3	58.6	123.7	70.9	125.7
Paint and varnish.....	35	306	0.3	3,758,000	0.7	1,106,000	0.5	58.6	88.2	59.8	113.3
Confectionery.....	89	1,002	0.9	3,624,000	0.7	1,486,000	0.7	3.4	95.9	-20.1	109.3
Iron and steel, steel works and rolling mills.....	5	1,038	0.9	3,520,000	0.7	1,172,000	0.6	136.4	68.3	65.1	80.2
Marble and stone work.....	128	1,415	1.2	3,380,000	0.6	2,197,000	1.1	41.1	113.5	58.1	84.4
Tobacco manufactures.....	332	1,465	1.3	3,360,000	0.6	2,143,000	1.0	5.3	69.1	2.3	82.7
Cars and general shop construction and repairs by street-railroad companies.....	21	1,902	1.6	3,009,000	0.6	1,857,000	0.9	145.0	.....	142.1	.....
Brick and tile.....	78	713	0.6	2,756,000	0.5	1,804,000	0.9	43.8	129.7	14.1	136.7
Agricultural implements.....	-25	622	0.5	2,670,000	0.5	1,229,000	0.6	79.9	9.3	61.7	-7.2
Ice, manufactured.....	77	666	0.6	2,331,000	0.4	1,707,000	0.9	78.3	155.5	75.3	157.8
Fertilizers.....	15	226	0.2	2,313,000	0.4	517,000	0.3	158.7	33.2	37.9	99.5
Leather goods.....	88	710	0.6	2,244,000	0.4	1,143,000	0.6	5.6	24.8	3.1	40.7
Cooperage and wooden goods, not elsewhere specified.....	38	416	0.4	2,171,000	0.4	638,000	0.3	26.1	21.6	0.7	25.5
Mattresses and spring beds.....	35	528	0.5	2,164,000	0.4	921,000	0.4	114.3	144.0	72.1	190.3
Carriages and wagons and materials.....	155	760	0.7	2,052,000	0.4	1,203,000	0.6	-12.8	19.0	-19.8	25.0
Boots and shoes, including cut stock and findings.....	18	695	0.6	1,924,000	0.4	804,000	0.4	11.0	-6.9	9.5	-3.3
Pottery, terra-cotta, and fire-clay products.....	26	1,027	0.9	1,797,000	0.3	1,292,000	0.6	2.0	134.5	-5.4	178.6
Gas and electric fixtures and lamps and reflectors.....	41	553	0.5	1,715,000	0.3	965,000	0.5	.....	.....	.....	.....
Clothing, women's.....	64	791	0.7	1,672,000	0.3	796,000	0.4	-4.2	-11.9	-9.8	-8.4
Electrical machinery, apparatus, and supplies.....	27	435	0.4	1,613,000	0.3	635,000	0.3	60.7	80.6	20.2	188.3
Firearms and ammunition.....	5	156	0.1	1,577,000	0.3	410,000	0.2	102.2	19.6	51.9	67.7
Jewelry.....	58	574	0.5	1,557,000	0.3	893,000	0.4	7.6	108.8	16.7	161.1
Patent medicines and compounds and druggists' preparations.....	89	310	0.3	1,549,000	0.3	910,000	0.4	7.2	-7.5	-0.2	12.9
Automobiles, including bodies and parts.....	41	478	0.4	1,470,000	0.3	770,000	0.4	3,983.3	.....	3,247.8	.....
Chemicals.....	13	244	0.2	1,306,000	0.3	544,000	0.3	16.2	-45.5	28.3	-35.3
Gloves and mittens, leather.....	23	570	0.5	1,231,000	0.2	673,000	0.3	35.1	-1.1	48.9	-6.6
Sulphuric, nitric, and mixed acids.....	6	217	0.2	1,161,000	0.2	421,000	0.2	26.9	.....	32.0	.....
Babbitt metal and solder.....	5	52	(*)	1,120,000	0.2	273,000	0.1	55.3	30.9	108.4	50.6
Paper and wood pulp.....	4	312	0.3	969,000	0.2	529,000	0.3	51.2	.....	44.5	.....
Boxes, fancy and paper.....	19	624	0.5	965,000	0.2	523,000	0.3	84.2	59.3	84.8	45.1
Salt.....	19	402	0.3	749,000	0.1	504,000	0.2	73.9	12.9	63.1	17.5
Furnishing goods, men's.....	31	124	0.1	721,000	0.1	264,000	0.1	163.1	-55.2	146.7	-63.7
Brass and bronze products.....	29	195	0.2	679,000	0.1	384,000	0.2	-27.8	15.9	-33.0	50.6
Artificial stone.....	66	320	0.3	643,000	0.1	423,000	0.2	95.4	.....	112.6	.....
Lime.....	15	410	0.4	698,000	0.1	397,000	0.2	6.5	.....	3.4	.....
Stoves and furnaces, including gas and oil stoves.....	17	215	0.2	514,000	0.1	305,000	0.2	84.2	.....	70.2	.....
All other industries.....	976	14,341	12.4	131,833,000	24.9	33,288,000	16.3	.....	.....	.....	.....

¹ Percentages are based on figures in Table I, a minus sign (-) denotes decrease. Where the percentages are omitted, comparable figures can not be given.
* Less than one-tenth of 1 per cent.

Canning and preserving.—This classification includes the canning of fruits and vegetables, fish, oysters, clams, etc., the preparation of pickled, smoked, and dried fish, the packing of dried fruits by packing houses which make a specialty of such business, and the manufacture of pickles, preserves, jellies, sauces, etc., but

it does not include the drying and packing of fruits by the grower on the farm, nor does it include the canning of meats, soups, and similar products in meat-packing establishments (the statistics for which are included with those for the slaughtering and meat-packing industry). The climate of the state is especially

favorable to the growth of fruits of all kinds, and large quantities are canned, dried, and preserved for sale in the eastern and foreign markets. The canning, pickling, smoking, and drying of fish and the canning of oysters form comparatively unimportant branches of the industry. California far exceeds any other state in the value of products for this industry, the amount reported for 1909 being \$32,915,000, or 21 per cent of the total for the United States.

Foundry and machine-shop products.—This industry embraces, in addition to the general class of foundries and machine shops, establishments engaged in such special lines as the manufacture of gas machines and gas and water meters, hardware, plumbers' supplies, steam fittings and heating apparatus, and structural ironwork. It does not, however, include establishments which manufacture distinctive products covered by other classifications, such as cash registers and calculating machines, or electrical machinery, apparatus, and supplies. This industry ranked third among the manufacturing industries of the state in 1909 in number of wage earners, giving employment to 8,377, or 7.3 per cent of the total for all industries.

Flour-mill and gristmill products.—The statistics for all merchant mills grinding wheat, rye, buckwheat, corn, or other grains are included in this classification. It does not, however, include factories making fancy cereals or other food preparations as a chief product, or mills doing custom grinding exclusively. The statistics for the latter mills are presented separately on page 697. The industry shows an increase of \$12,143,000, or 93.1 per cent, in value of products during the decade 1899–1909.

Printing and publishing.—This classification includes job printing, the printing and publishing of books, newspapers and periodicals, and music, bookbinding, steel engraving, and lithographing. More establishments were reported for this industry in 1909 than for any other in the state. The 1,240 establishments reporting included 705 publishing newspapers and periodicals and 481 doing book and job work exclusively. The average number of wage earners employed in the newspaper and periodical branch of the industry was 3,650, and the value of products \$15,239,000; the average number of wage earners engaged in book and job work was 2,907, and the value of products \$7,438,000. These two branches of the industry together employed 86.8 per cent of the average number of wage earners and reported 90.6 per cent of the total value of products for the entire industry in 1909.

Cars and general shop construction and repairs by steam-railroad companies.—This industry represents the work done in the car shops operated by steam-railroad companies, but does not cover minor repairs in roundhouses. The operations consist almost exclusively of repairs to the rolling stock and equipment. It is seventh in importance, as measured by value of products, among the industries given in the table and

shows a remarkable development for the 10-year period. In 1909 the industry gave employment to an average of 9,342 wage earners, the second largest number reported for any manufacturing industry in the state, and the value of the work done amounted to \$18,719,000.

Petroleum, refining.—The recent development of the extensive oil fields of the state has made California the leading state of the Union in the production of crude petroleum. The refining of petroleum has made remarkable progress in the state during the last few years, the value of the products of the industry in 1909 being \$17,878,000, or over twenty-five times as great as in 1899, when it was only \$698,000.

Butter, cheese, and condensed milk.—This industry, which in California is confined chiefly to the manufacture of butter, has made marked progress during the past decade, the value of products increasing from \$3,583,000 in 1899 to \$12,761,000 in 1909, a gain of 256.2 per cent. The manufacture of cheese and condensed milk decreased materially during the period 1904–1909.

Leather, tanned, curried, and finished.—The tanning, currying, and finishing of leather did not become prominent in California until about 1861. From that time, however, it grew rapidly and since 1877 the local supply of hides and skins has not been large enough to satisfy the requirements of the industry, so that it has been necessary to supplement it by hides and skins brought in from other states or imported from foreign countries.¹ In 1879 there were 142 establishments in the state engaged in the leather industry, their total output being valued at \$6,193,573. Since that time the number of establishments has decreased, but, with the exception of a slight decrease during the first decade following 1879, the value of products has shown a substantial increase from census to census.

Liquors, malt.—This industry shows considerable growth for the decade, the gain both in value of products and in value added by manufacture being greater, however, for the five-year period 1899–1904 than for the following five-year period.

Liquors, vinous.—The extensive vineyards of California have placed this state far ahead of any other in the wine industry. In 1909 the value of products for the industry in the state, \$8,937,000, represented 68.1 per cent of the total for the United States, as compared with \$6,689,000, or 60.3 per cent, in 1904 and \$3,938,000, or 60.1 per cent, in 1899.

Gas, illuminating and heating.—The manufacture of gas is notable in California because of the extensive use of petroleum. On account of the lack of coal in the state, the product of the gas plants has been limited to the manufacture of carbureted water gas and oil gas. According to the statistics for 1909, the production of oil gas greatly exceeded that of carbureted water gas.

¹The Commerce and Industries of the Pacific Coast, p. 189. History of California, Vol. VII, p. 91.

The total value of products reported for the industry in 1909 was \$8,927,000, an increase of \$5,765,000, or 182.3 per cent, over that for 1899.

Cement.—California has numerous beds of soft limestone and clay which are relatively low in magnesia and which are being utilized to a considerable extent for the manufacture of Portland cement. In 1904 there were four establishments engaged in the industry, employing 596 wage earners and reported products valued at \$1,601,000, while in 1909 the industry had increased to eight establishments, giving employment to an average of 2,407 wage earners and reporting a product valued at \$6,504,000. The counties in which the industry is most extensively carried on, named in order of importance, are Solano, Santa Cruz, and San Bernardino.

With the exception of the lumber industry, which holds first place on either basis, the rank of the industries shown separately in the preceding table in respect to value added by manufacture, differs considerably from their rank in value of products, which is the order in which they are arranged in the table. The printing and publishing industry ranks second among these industries in value added by manufacture, instead of slaughtering and meat packing, which falls to ninth place, while the foundry and machine-shop industry becomes third, instead of canning and preserving, which drops to fifth place. The steam-railroad repair shops rise from seventh place to fourth, the bakery industry from ninth to sixth, the brewery industry from twelfth to seventh, and the gas industry from fourteenth to eighth. On the other hand, the flour-mill and gristmill industry drops from fifth place to fourteenth, petroleum refining from eighth to thirteenth, and the butter, cheese, and condensed-milk industry from tenth to twenty-fifth.

A number of industries, particularly the butter, cheese, and condensed-milk, flour-mill and gristmill, slaughtering and meat-packing, and petroleum-refining industries, have a much lower rank in value added by manufacture and in average number of wage earners than in value of products. This condition is due mainly to the comparatively simple processes of manufacture existing in these industries, as a result of which by far the greater proportion of the gross value of products represents the cost of materials, while the proportion representing wages, which usually constitute the principal factor in value added by manufacture, is relatively small.

The percentages of increase or decrease in value of products and value added by manufacture for the five-year periods 1904-1909 and 1899-1904 are given for each industry presented separately in the preceding table for which comparable statistics are shown separately in Table I, page 698.

The automobile industry, which in California had its beginning but a short time prior to the census of 1904, shows a much higher rate of increase in both respects

from 1904 to 1909 than any other of these industries, the value of products in 1909 being more than forty times as great and the value added by manufacture more than thirty-three times as great as in 1904. The distillery, cement, food-preparation, and petroleum-refining industries also show remarkable increases in both value of products and value added by manufacture during the same period.

The making of women's clothing is the only industry shown separately in the table for which decreases in both value of products and value added by manufacture are shown for both five-year periods. The manufacture of men's clothing, of carriages and wagons, and of brass and bronze products show decreases in both respects for the later five-year period, 1904 to 1909, while for the confectionery industry and the manufacture of pottery, terra-cotta, and fire-clay products and of patent medicines and compounds and druggists' preparations decreases in value added by manufacture only are shown for that period. In addition to the women's clothing industry, four others show decreases in both value of products and value added by manufacture for the earlier five-year period, 1899-1904, while one shows a decrease in value of products only and one a decrease in value added by manufacture only.

The value of products of the breweries and the distilleries includes a very large amount of Federal internal-revenue tax, and is, therefore, misleading as an indication of the importance of these industries from a purely manufacturing standpoint. In the case of the wine industry the amount of internal-revenue tax included is much smaller relatively than in the other two liquor industries, as no internal-revenue tax is imposed upon wine made from grapes grown by the manufacturer himself, or upon wine made from purchased grapes when it is sold at the place where it is made or at the general business office of the manufacturer. The establishments included in this industry also make considerable quantities of brandy, some of which is sold, in which case it is subject to the regular internal-revenue tax on distilled liquors; most of the brandy made, however, is used in fortifying the wine produced in the same establishment and is not subject to tax.

Persons engaged in manufacturing industries.—The next table shows for 1909 the distribution of the number of persons engaged in manufactures, the average number of wage earners being distributed by sex and age. It should be borne in mind, however, that the sex and age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the Introduction.

The average number of persons engaged in manufactures during 1909 was 141,576, of whom 115,296 were wage earners. Of the remainder, 13,640 were proprietors and officials, and 12,640 were clerks. Corresponding figures for individual industries will be found in Table II, page 706.

CLASS.	PERSONS ENGAGED IN MANUFACTURES.		
	Total.	Male.	Female.
All classes.....	141,576	123,929	17,647
Proprietors and officials.....	13,640	13,293	347
Proprietors and firm members.....	8,077	7,836	241
Salaried officers of corporations.....	2,103	2,036	67
Superintendents and managers.....	3,460	3,431	29
Clerks.....	12,640	9,672	2,968
Wage earners (average number).....	115,296	100,964	14,332
16 years of age and over.....	114,236	100,215	14,015
Under 16 years of age.....	1,660	749	914

The following table shows, for 1909, the percentage of proprietors and officials, clerks, and wage earners, respectively, among the total number of persons employed in manufactures. It covers all industries combined and 20 important industries individually.

INDUSTRY.	PERSONS ENGAGED IN MANUFACTURES.			
	Total number.	Per cent of total.		
		Proprietors and officials.	Clerks.	Wage earners (average number).
All industries.....	141,576	9.6	8.9	81.4
Bread and other bakery products.....	5,801	21.2	9.6	69.3
Butter, cheese, and condensed milk.....	918	22.8	12.2	65.0
Canning and preserving.....	8,714	5.0	6.0	89.0
Cars and general shop construction and repairs by steam-railroad companies.....	9,688	0.7	2.6	96.4
Cement.....	2,521	1.0	3.6	95.5
Clothing, men's, including shirts.....	2,859	11.3	5.3	73.4
Coffee and spice, roasting and grinding.....	707	11.0	39.2	49.8
Copper, tin, and sheet-iron products.....	2,511	17.0	5.8	77.2
Four-mill and gristmill products.....	1,392	14.9	17.0	68.1
Food preparations.....	1,108	23.1	12.3	64.6
Foundry and machine-shop products.....	10,218	9.8	8.2	82.0
Gas, illuminating and heating.....	2,538	6.7	27.7	65.6
Leather, tanned, curried, and finished.....	1,547	5.8	3.8	90.4
Liquors, distilled.....	264	17.8	9.1	73.1
Liquors, malt.....	1,626	10.5	9.8	79.7
Liquors, vinous.....	1,691	16.9	7.0	76.1
Lumber and timber products.....	25,079	4.8	3.3	91.5
Petroleum, refining.....	1,146	6.4	12.7	81.6
Printing and publishing.....	12,215	14.8	23.4	61.9
Slaughtering and meat packing.....	2,135	10.1	13.0	76.9
All other industries.....	46,898	11.4	8.5	80.1

Of the total number of persons engaged in all manufacturing industries, 9.6 per cent were proprietors and officials, 8.9 per cent clerks, and 81.4 per cent wage earners. In the bakery and the butter, cheese, and condensed-milk industries, and in the manufacture of food preparations, the majority of the establishments are comparatively small and the work is to a large extent done by the proprietors or their immediate representatives, so that the proportion of the persons engaged in these industries falling into the class of proprietors and officials is very much higher than for most other industries or for all industries combined. The smallest proportions shown for this class are for the steam-railroad repair shops and the cement industry, owing principally to the large number of wage earners employed per establishment in these industries.

The following table shows for 1909, in percentages, for all industries combined, the distribution of the average number of wage earners by age periods, and

for those 16 years of age and over by sex, calculated in the manner described in the Introduction. It also shows, for some of the important industries separately, a similar distribution of wage earners as reported for December 15, or the nearest representative day. As a means of judging the importance of the several industries the average number employed for the year is also given in each case.

INDUSTRY.	Average number. ¹	WAGE EARNERS.		
		Per cent of total.		Under 16 years of age.
		16 years of age and over.	Male.		Female.
All industries.....	115,296	86.9	12.2	0.9
Bread and other bakery products.....	4,018	89.3	18.8	0.9
Butter, cheese, and condensed milk.....	577	83.8	6.2	2.2
Canning and preserving.....	7,757	41.4	56.3	2.2
Cars and general shop construction and repairs by steam-railroad companies.....	9,342	100.0	.....	(2)
Cement.....	2,407	99.9	.....	0.1
Clothing, men's, including shirts.....	2,385	17.4	82.4	0.2
Coffee and spice, roasting and grinding.....	352	62.8	36.6	0.6
Copper, tin, and sheet-iron products.....	1,938	94.4	5.2	0.4
Four-mill and gristmill products.....	948	97.9	2.1	.....
Food preparations.....	716	68.0	31.7	0.3
Foundry and machine-shop products.....	8,377	99.3	0.2	0.5
Gas, illuminating and heating.....	1,666	100.0	.....	.....
Leather, tanned, curried, and finished.....	1,398	99.7	.....	0.3
Liquors, distilled.....	193	86.5	13.5	.....
Liquors, malt.....	1,296	100.0	.....	.....
Liquors, vinous.....	1,287	98.8	1.2	.....
Lumber and timber products.....	22,955	99.2	0.6	0.2
Petroleum, refining.....	939	99.9	0.1	.....
Printing and publishing.....	7,556	81.9	15.7	2.4
Slaughtering and meat packing.....	1,641	97.4	1.8	0.8
All other industries.....	37,557	85.2	13.3	1.4

¹ For method of estimating the distribution, by sex and age periods, of the average number in all industries combined, see Introduction.

² Less than one-tenth of 1 per cent.

For all industries combined, 86.9 per cent of the average number of wage earners were males 16 years of age and over; 12.2 per cent females 16 years of age and over; and nine-tenths of 1 per cent children under the age of 16. A majority of the adult female wage earners were employed in the canning and preserving, men's clothing, and printing and publishing industries. Females 16 years of age or over formed a larger proportion (82.4 per cent) of the wage earners in the men's clothing industry than in any other important industry in the state. In the women's clothing industry slightly more than two-thirds of the wage earners belonged to this class, while in the manufacture of fancy and paper boxes and the confectionery industry the proportion exceeded three-fifths, and in the canning and preserving industry and the manufacture of leather gloves and mittens it exceeded one-half.

The canning and preserving and the printing and publishing industries, which were the only ones giving employment to an average of more than 100 wage earners under 16 years of age, together employed about one-third of the total number of such wage earners in all manufacturing industries of the state. The proportions which children formed of the total number of wage earners in these industries were also relatively high (2.2 per cent and 2.4 per cent, respec-

tively), although both were exceeded by that in the boot and shoe industry (5.6 per cent) and by those in other industries in which the actual number of children employed was small.

In order to compare the distribution of persons engaged in manufactures in 1909 with that shown at the census of 1904 it is necessary to use the classification employed at the earlier census. (See Introduction.) The following table makes this comparison according to occupational status:

CLASS.	PERSONS ENGAGED IN MANUFACTURES.				
	1909		1904		Per cent of increase, 1904-1909.
	Number.	Percent distribution.	Number.	Percent distribution.	
Total.....	141,576	100.0	120,040	100.0	17.9
Proprietors and firm members.....	8,077	5.7	7,402	6.2	9.1
Salaried employes.....	18,203	12.9	12,283	10.2	48.2
Wage earners (average number).....	115,296	81.4	100,355	83.6	14.3

Comparable figures are not obtainable for 1899. The table shows a much greater percentage of increase in the number of salaried employes than in that of the other two classes.

The table in the next column shows the average number of wage earners distributed according to age periods, and in the case of those 16 years of age and over according to sex, for 1909, 1904, and 1899. The averages for 1909 are estimated on the basis of the actual number reported for a single representative day. (See Introduction.)

The table shows that for all industries combined the proportion of wage earners under 16 years of age was decidedly less in 1909 than in 1899, the actual number

of such employees having decreased 42.5 per cent during this period. The proportion of adult female wage earners was less in 1904 than in 1899, and in 1909 than in 1904, although the actual number increased from 1899 to 1904 and was practically the same in 1909 as in 1904. Males 16 years of age and over formed 86.9 per cent of all wage earners in 1909, as compared with 84.4 per cent in 1904 and 79.7 per cent in 1899.

CLASS.	AVERAGE NUMBER OF WAGE EARNERS.					
	1909		1901		1899	
	Number.	Percent distribution.	Number.	Percent distribution.	Number.	Percent distribution.
Total.....	115,296	100.0	100,355	100.0	77,224	100.0
16 years of age and over.....	114,236	99.1	98,772	98.4	75,382	97.6
Male.....	100,218	86.9	84,688	84.4	61,574	79.7
Female.....	14,018	12.2	14,084	14.0	13,808	17.9
Under 16 years of age.....	1,060	0.9	1,583	1.6	1,842	2.4

Wage earners employed, by months.—The following table gives the number of wage earners employed on the 15th of each month during the year 1909, for all industries combined, for the canning and preserving and lumber industries, and for all other industries combined; it gives also the percentage which the number reported for each month is of the greatest number reported for any month. In Table II, page 706, are shown, for the majority of the important industries in the state, the largest number and also the smallest number of wage earners reported for any month. The figures are for the 15th day, or the nearest representative day, of the month. The wage earners for the lumber industry are divided in the table below in such a manner as to show separately the number engaged in the mills and in the logging operations.

MONTH.	WAGE EARNERS.											
	All industries.		Canning and preserving.		Lumber and timber products.						All other industries.	
	Number.	Per cent of maximum.	Number.	Per cent of maximum.	Total.		In mills.		In logging operations.		Number.	Per cent of maximum.
January.....	94,747	71.6	2,854	17.8	14,401	49.7	12,150	63.5	2,251	22.8	77,492	85.1
February.....	94,252	71.3	2,781	17.3	14,444	49.8	12,074	63.1	2,367	24.0	77,030	84.6
March.....	100,372	75.9	2,870	17.9	16,825	58.0	12,793	66.8	4,032	40.9	89,677	83.6
April.....	108,437	82.0	3,878	24.2	21,853	75.4	15,014	78.4	6,839	69.4	82,706	90.8
May.....	115,839	87.6	5,063	31.6	26,755	92.3	17,535	91.5	9,230	93.7	84,021	92.3
June.....	119,944	90.6	6,908	42.4	28,533	98.4	18,681	97.6	9,852	99.9	84,570	92.9
July.....	124,886	94.4	11,567	72.1	28,806	100.0	19,151	99.9	9,655	100.0	84,333	92.6
August.....	131,202	99.2	16,047	100.0	28,961	99.9	19,148	100.0	9,813	99.6	86,194	94.6
September.....	132,280	100.0	14,781	92.1	27,332	96.4	18,833	98.4	9,099	92.3	89,567	98.3
October.....	129,864	98.2	12,452	80.7	25,835	89.1	17,690	90.4	7,845	79.6	91,077	103.0
November.....	121,486	91.8	8,951	55.8	22,807	78.7	16,897	88.2	5,910	60.0	89,723	96.5
December.....	110,281	83.1	4,542	28.3	17,994	61.7	14,795	77.3	3,099	31.4	87,845	96.5

Canning and preserving is a seasonal industry, giving employment to a large number of persons in July, August, September, and October, and to a comparatively small number during most of the other months of the year. The number of wage earners

employed in the industry varied from 2,781 in February to 16,047 in August. The variation of employment in the lumber industry was not so great, but as this industry employed a much larger average number of wage earners than the canning and preserving indus-

try, it exerted a greater influence upon the total number of wage earners employed in all manufacturing industries in the state. The number reported for this industry in January, the month of minimum employment, was 14,585 less than the number shown for July, the month of maximum employment, the variation in this one industry representing nearly one-half of the total variation between the numbers employed during these months in all industries combined. There are other seasonal industries in the state not shown in the table because the numbers of wage earners employed are too small to affect the totals materially. In the manufacture of beet sugar the maximum, 3,420, was reported for September and

the minimum, 772, for February, while in the production of vinous liquors the greatest number, 2,868, was employed in October and the smallest, 793, in June.

Prevailing hours of labor.—In the following table wage earners have been classified according to the hours of labor prevailing in the establishments in which they are employed. In making this classification the average number of wage earners employed during the year is used, and the number employed in each establishment is classified as a total according to the hours prevailing in that establishment, even though a few employees work a greater or less number of hours.

INDUSTRY.	AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS GROUPED ACCORDING TO PREVAILING HOURS OF WORK PER WEEK.								
	Total.	48 and under.	Between 48 and 54.	54.	Between 54 and 60.	60.	Between 60 and 72.	72.	Over 72.
All industries.....	115,296	22,755	9,652	34,674	6,968	31,107	7,125	386	2,619
Agricultural implements.....	622	2		584		20	16		
Artificial stone.....	320	191	19	110					
Automobiles, including bodies and parts.....	478	42	8	261		106	1		
Babbitt metal and solder.....	52		13	15		24			
Boots and shoes, including cut stock and findings.....	695			641		35	19		
Boxes, fancy and paper.....	624	56	171	397					
Brass and bronze products.....	195	19	113	25	35	3			
Bread and other bakery products.....	4,018	413	55	1,552	644	1,011	278	33	32
Brick and tile.....	1,703	186		1,410		72	10		25
Butter, cheese, and condensed milk.....	597	58	11	56	85	120	244	5	18
Canning and preserving.....	7,757	332	53	428	147	6,083	514	46	154
Carrriages and wagons and materials.....	760	270	48	327	40	72			
Cars and general shop construction and repairs by steam-railroad companies.....	9,342	76		7,761	12	1,461	32		
Cars and general shop construction and repairs by street-railroad companies.....	1,902	36	291	1,157	311	49	28		
Cement.....	2,407	1			212		1,986		208
Chemicals.....	244	1		24		160			59
Clothing, men's, including shirts.....	2,385	1,327	721	178		124	35		
Clothing, women's.....	791	328	109	187	1	143	23		
Coffee and spice, roasting and grinding.....	352	53	63	183	10	43			
Confectionery.....	1,002	119	156	489	147	74	17		
Cooperage and wooden goods, not elsewhere specified.....	416	36	37	301		22	20		
Copper, tin, and sheet-iron products.....	1,938	1,138	160	256	366	18			
Electrical machinery, apparatus, and supplies.....	435	153	7	159		1			
Fertilizers.....	226	8	1	97	12	84	24		
Firearms and ammunition.....	156	9		46	101				
Flour-mill and gristmill products.....	948	117	71	77	53	371	255	4	
Food preparations.....	716	100	45	137	100	307	27		
Foundry and machine-shop products.....	8,377	1,326	2,774	2,586	1,218	414	59		
Furnishing goods, men's.....	134	58	43	33					
Furniture and refrigerators.....	1,653	835	30	662	89	37			
Gas and electric fixtures and lamps and reflectors.....	553	246	23	284					
Gas, illuminating and heating.....	1,666	127	7		965	4	533	8	22
Gloves and mittens, leather.....	570	188	340	42					
Ice, manufactured.....	666	32		28	102	256	131	1	116
Iron and steel, steel works and rolling mills.....	1,038		348	69	179	442			
Jewelry.....	574	35	80	379	25	12	25		18
Leather goods.....	710	36	68	584	5	17			
Leather, tanned, curried, and finished.....	1,398	2	67	1,193	116	20			
Lime.....	410	6		94	1	127	182	2	
Liquors, distilled.....	193			111	5	67	8		
Liquors, malt.....	1,296	1,215		21	41	10	3	4	2
Liquors, vinous.....	1,287	33	4	306	215	387	318	23	1
Lumber and timber products.....	22,935	3,859	68	2,709	228	14,732	1,324	15	
Marble and stone work.....	1,415	1,022	23	93	233	34	20		
Mattresses and spring beds.....	528	249	75	204					
Paint and varnish.....	396	28	27	285	55	1			
Paper and wood pulp.....	312					181	116	15	
Patent medicines and compounds and druggists' preparations.....	310	118	117	66		9			
Petroleum, refining.....	930	25		485	31	18	64	22	285
Pottery, terra-cotta, and fire-clay products.....	1,027	18		660		250	99		
Printing and publishing.....	7,556	5,485	1,038	778	119	119	17		
Salt.....	402			64		289	1	48	
Slaughtering and meat packing.....	1,641	55	37	455		1,029	47	6	12
Stoves and furnaces, including gas and oil stoves.....	215	81	42	92					
Sulphuric, nitric, and mixed acids.....	217			100		33	82	2	
Tobacco manufactures.....	1,465	1,018	152	87		182	25	1	
All other industries.....	14,341	1,617	2,069	5,276	1,048	1,974	542	148	1,667

It is evident from these figures that for the majority of wage earners employed in the manufacturing industries of California the usual hours of labor ranged from 54 to 60 a week; 28.1 per cent of the total were, however, employed in establishments where a week of less than 54 hours prevailed, and 8.8 per cent in establishments where the prevailing hours were more than 60 a week.

In a number of industries, conspicuous among which are the tanning, currying, and finishing of leather, the brick and tile industry, and the steam-railroad repair shops, the employment was mainly confined to a week of 54 hours. More than three-fourths of the wage earners

in the canning and preserving industry and more than three-fifths of those in the lumber and slaughtering and meat-packing industries, however, were employed in plants where 60 hours constituted a week's work, while over nine-tenths of the wage earners employed in the breweries and nearly three-fourths of those employed in the printing and publishing industry and in marble and stone work were in establishments where the prevailing hours were 48 or less per week.

Location of establishments.—The following table shows the extent to which the manufactures of California are centralized in cities of 10,000 inhabitants or over. (See Introduction.)

ITEM.	Year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 AND OVER.								DISTRICTS OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 AND OVER.	
			Total.		10,000 to 25,000.		25,000 to 100,000.		100,000 and over.		Number or amount.	Per cent of total.
			Number or amount.	Per cent of total.	Number or amount.	Per cent of total.	Number or amount.	Per cent of total.	Number or amount.	Per cent of total.		
Population.....	1910 1900	2,377,549 1,485,053	1,266,930 640,357	53.3 43.1	196,701 98,854	8.3 6.7	183,945 96,242	7.7 6.5	886,284 445,261	37.3 30.0	1,110,619 844,696	46.7 56.9
Number of establishments.....	1909 1899	7,659 4,997	4,881 2,967	63.7 59.4	666 379	8.7 7.6	653 306	8.5 6.1	3,562 2,282	46.5 45.7	2,778 2,030	36.3 40.6
Average number of wage earners.....	1909 1899	115,296 77,524	69,599 47,953	60.4 62.1	8,525 4,063	7.4 5.3	8,598 6,162	7.5 8.0	52,476 37,728	45.5 48.9	45,697 29,271	39.6 37.9
Value of products.....	1909 1899	\$529,760,528 257,385,521	\$294,851,479 151,245,681	55.7 58.8	\$40,393,144 14,225,527	7.6 5.5	\$30,488,066 14,802,891	5.8 5.8	\$223,970,269 122,157,263	42.3 47.5	\$234,909,049 106,139,840	44.3 41.2
Value added by manufacture.....	1909 1899	204,522,454 92,491,252	125,929,111 60,571,549	61.6 65.5	14,791,657 5,223,451	7.2 5.6	14,144,347 6,814,012	6.9 7.4	96,993,107 48,534,086	47.4 52.5	78,593,343 31,919,703	38.4 34.5

In 1909, 55.7 per cent of the total value of manufactured products was reported from cities having over 10,000 inhabitants, and 60.4 per cent of the average number of wage earners in manufacturing industries were employed in such cities. The figures indicate that there has been a considerable decrease during the last 10 years in the relative industrial importance of this class of cities, largely on account of the rapid growth of the lumber and petroleum-refining industries, which are mainly carried on outside of cities of this size, and also in part because of the setback given to the manufacturing industries of San Francisco by the earthquake and fire of 1906.

As a result of the increase during the decade in the population of certain cities, the composition of the groups shown in the table differs considerably for the two censuses. For 1909 the group of cities having over 100,000 inhabitants comprises San Francisco, Los Angeles, and Oakland; in 1900, however, the population of Oakland was less than 100,000, so that for 1899 it is included in the group made up of cities having between 25,000 and 100,000 inhabitants. Berkeley, San Diego, and San Jose, which for 1909 are included in this latter group, had less than 25,000 inhabitants in 1900, and for 1899, therefore, their statistics are included with those for the cities having between 10,000 and 25,000 inhabitants. Pasadena, which for 1909 is included in the group of cities having between 25,000 and 100,000 inhabitants and

Long Beach, Riverside, San Bernardino, Bakersfield, Eureka, Santa Barbara, Vallejo, Santa Cruz, Redlands, and Pomona, which are included in the group comprising cities having between 10,000 and 25,000 inhabitants, all had less than 10,000 inhabitants in 1900, so that for 1899 their statistics are not included with those for incorporated places of this size. The total value of products in 1909 for the 11 cities last mentioned was \$16,623,644, representing 3.1 per cent of the total for the state. The cities having a population of over 10,000 in 1900 thus reported only 52.6 per cent of the total value of manufactured products in 1909, as compared with 58.8 per cent in 1899, showing that the growth of the manufacturing industries in these cities has not kept pace with that of the industries in the remainder of the state.

A somewhat larger proportion of the total number of wage earners in manufacturing industries, value of manufactured products, and value added by manufacture was reported in 1909 from cities having between 10,000 and 25,000 inhabitants than in 1899. The proportions of the total number of wage earners and value added by manufacture reported from cities having between 25,000 and 100,000 inhabitants, on the other hand, were slightly smaller, while the proportion of the total value of manufactured products reported from such cities was the same in both years. The cities having a population of over 100,000 show a considerable decrease in their proportion of the

totals for each of these three items, which was doubtless due in considerable measure to the disastrous effects of the earthquake and fire of 1906 in San Francisco. The addition of Oakland to these cities in 1909 and the rapid growth of the manufacturing industries of Los Angeles were, however, sufficient to counterbalance the actual losses sustained by San Francisco between 1904 and 1909, so that the absolute figures for this class of cities show marked increases in 1909 as compared with 1899. Of the total value of products shown for the state in 1909, 7.6 per cent was reported from the 13 cities having between 10,000 and 25,000 inhabitants; 5.8 per cent from the 5 cities having between 25,000 and 100,000 inhabitants; and 42.3 per cent from the 3 cities having over 100,000 inhabitants.

The population in 1910 and 1900 of the 21 cities which had 10,000 inhabitants or over in 1910 is given in the following tabular statement:

CITY.	1910	1900	CITY.	1910	1900
San Francisco.....	416,912	342,752	Long Beach.....	17,599	2,252
Los Angeles.....	319,198	102,479	Riverside.....	15,212	7,973
Oakland.....	150,174	66,960	San Bernardino...	12,779	6,150
Sacramento.....	44,696	29,282	Bakersfield.....	12,727	4,836
Berkeley.....	40,434	13,214	Eureka.....	11,845	7,327
San Diego.....	39,578	17,700	Santa Barbara...	11,659	6,587
Pasadena.....	30,291	9,117	Vallejo.....	11,340	7,965
San Jose.....	28,946	21,500	Santa Cruz.....	11,146	5,669
Fresno.....	24,892	12,470	Redlands.....	10,449	4,787
Alameda.....	23,382	16,464	Pomona.....	10,207	5,526
Stockton.....	24,233	17,506			

The relative industrial importance of each of the foregoing cities is shown in the following table, in which the value of products and the average number of wage earners are shown separately for 1909, 1904, and 1899, so far as comparative figures are available:

CITY.	AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.		
	1909	1904	1899	1909	1904	1899
San Francisco.....	28,244	38,429	32,555	\$133,041,069	\$137,788,233	\$107,023,567
Los Angeles.....	17,327	10,424	5,173	68,586,274	34,814,475	15,133,696
Oakland.....	6,905	3,353	2,476	22,342,926	9,014,705	5,368,288
Sacramento.....	4,614	4,203	3,686	13,976,911	10,072,893	9,494,633
Stockton.....	1,594	1,332	1,185	11,849,222	8,029,490	5,325,394
Fresno.....	1,983	1,915	819	11,050,195	9,755,632	2,752,201
San Jose.....	1,430	1,260	1,221	5,610,427	4,298,216	3,291,641
San Diego.....	1,071	541	235	4,740,990	1,974,430	669,652
Berkeley.....	1,064	338	211	1,895,374	1,475,888	651,256
Eureka.....	946	(2)	(2)	3,011,682	(2)	(2)
Bakersfield.....	746	(2)	(2)	2,818,744	(2)	(2)
Alameda.....	915	279	372	2,554,417	696,761	1,325,326
Vallejo.....	202	(2)	(2)	1,805,622	(2)	(2)
Pasadena.....	499	318	177	1,724,364	966,695	330,578
San Bernardino...	729	(2)	(2)	1,659,705	(2)	(2)
Riverside.....	267	(2)	(2)	1,177,962	(2)	(2)
Santa Barbara...	265	(2)	(2)	1,169,165	(2)	(2)
Santa Cruz.....	274	(2)	(2)	1,161,269	(2)	(2)
Long Beach.....	277	(2)	(2)	927,180	(2)	(2)
Pomona.....	224	(2)	(2)	593,661	(2)	(2)
Redlands.....	147	(2)	(2)	518,920	(2)	(2)

¹ Figures do not agree with those published in 1904, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the city.

² Figures not available.

With the single exception of San Francisco, every city for which comparative statistics are presented shows an increase in value of products from 1904 to 1909, while all except Alameda show an increase from 1899 to 1904. The greatest relative gain from 1904 to 1909, 266.6 per cent, was made by Alameda, and was due in part to the establishment there of foundries and

machine shops as a new industry, to the increased output of the planing mills, and to greater activity in the shipbuilding industry. The next largest relative increase, 200.9 per cent, is that reported for Berkeley, which was the result mainly of the increased output of its foundries and machine shops, bakeries, and planing mills, the increased production of coconut oil and the establishment of new industries, such as the manufacture of fertilizers, the refining of petroleum, and the canning and preserving industry. The remarkable increases shown for Alameda and Berkeley and also for Oakland are doubtless due largely to the influx of population and business from San Francisco following the earthquake in 1906. The greatest gains shown for the decade 1899-1909 are those of 607.9 per cent for San Diego and 581 per cent for Berkeley. San Francisco shows a decrease of 3.4 per cent in 1909 as compared with 1904, indicating that the city had not yet recovered from the effects of the earthquake and fire of April, 1906; owing, however, to the gain from 1899 to 1904, the figures for 1909 represent an increase of 24.3 per cent as compared with 1899.

In 1909 San Francisco reported 25.1 per cent of the total value of products and 24.5 per cent of the average number of wage earners for all manufacturing industries in the state. The corresponding proportions for 1899 were 41.6 per cent and 42.2 per cent, respectively. Measured by value of products, San Francisco held sixteenth place among the manufacturing cities of the United States in 1909, thirteenth in 1904, and twelfth in 1899. The effect of the earthquake and fire of 1906 upon the manufacturing industries of the city is indicated to some extent by the next table, which shows for the 15 leading industries presented separately in Table I the value of products in 1909 and 1904, with the percentage which it formed of the total for the industry in the state, the percentage of increase or decrease in 1909 as compared with 1904, and the rank of the industry in the city in value of products in each year.

Six of the 15 industries included in the table show decreases in value of products in 1909 as compared with 1904, the largest decrease, 23.4 per cent, or nearly one-fourth, being in the men's clothing industry, although an even larger decrease, 65.5 per cent, was reported for the paint and varnish industry, which is not shown in the table. The roasting and grinding of coffee and spice, the tanning, currying, and finishing of leather, the furniture and refrigerator industry, and the manufacture of food preparations are the only industries showing any considerable increase. In the case of all of the industries shown in the table, with the exception of the tanning, currying, and finishing of leather and the furniture and refrigerator industry, the value of products reported from San Francisco represented a smaller proportion of the state total in 1909 than in 1904, the difference in

some cases being considerable. Of the total value of products for the men's clothing industry, for example, only 71.9 per cent was reported from this city in 1909, as compared with 91.7 per cent in 1904. Changes have also occurred in the ranking of the different industries shown in the table, on the basis of value of products, although the printing and publishing industry was first in both years. The foundry and machine-shop and the slaughtering and meat-packing industries, which ranked second and third, respectively, in 1904, had changed places in 1909, mainly as the result of the decrease shown for the former industry. The men's clothing industry, which ranked fifth in 1904, had dropped to eighth place in 1909, while the manufacture of copper, tin, and sheet-iron products dropped from seventh place in 1904 to ninth in 1909, and the brewery industry from eighth in 1904 to eleventh in 1909. On the other hand, the rank of the roasting and grinding of coffee and spice, the lumber industry, the tanning, currying, and finishing of leather, and the manufacture of furniture and refrigerators was higher in 1909 than in 1904.

INDUSTRY.	VALUE OF PRODUCTS.					RANK. ¹	
	1909		1904		Per cent of increase, 1904-1909.3	1909	1904
	Amount.	Per cent of total for state.	Amount.	Per cent of total for state.			
Printing and publishing.....	\$12,201,000	48.7	\$10,847,000	56.7	12.5	1	1
Slaughtering and meat packing.....	10,270,000	30.0	9,209,000	41.8	11.5	2	3
Foundry and machine-shop products.....	9,622,000	36.0	10,525,000	59.8	-8.6	3	2
Bread and other bakery products.....	5,268,000	29.7	4,882,000	46.0	7.9	4	4
Coffee and spice, roasting and grinding.....	4,973,000	76.6	3,950,000	85.0	24.9	5	10
Canning and preserving.....	4,776,000	14.5	4,630,000	17.8	3.0	6	6
Lumber and timber products.....	4,378,000	9.7	3,980,000	11.5	10.0	7	9
Clothing, men's, including shirts.....	3,682,000	71.9	4,804,000	91.7	-23.4	8	5
Copper, tin, and sheet-iron products.....	3,645,000	53.6	4,529,000	76.3	-19.5	9	7
Leather, tanned, curried, and finished.....	3,622,000	38.7	2,718,000	33.7	33.3	10	12
Liquors, malt.....	3,482,000	37.4	4,106,000	54.7	-15.2	11	8
Furniture and refrigerators.....	3,467,000	68.0	1,836,000	64.8	66.5	12	14
Flour-mill and gristmill products.....	2,781,000	11.0	3,423,000	16.9	-18.8	13	11
Food preparations.....	2,436,000	44.2	999,000	62.9	143.8	14	15
Tobacco manufactures.....	1,833,000	54.6	2,028,000	63.5	-9.6	15	13

¹ Excluding from consideration industries not shown separately in Table I.
² A minus sign (-) denotes decrease.

In addition to the industries included in the preceding table, sugar refining was one of the more important industries in San Francisco during 1909, but the statistics for this industry can not be shown separately without disclosing the operations of individual establishments. There were eight other industries in the city reporting products valued at more than \$1,000,000 in 1909 for which separate statistics can not be presented for the same reason.¹

¹ These industries are:

Babbitt metal and solder.	Chocolate and cocoa products.
Bags, other than paper.	Gas, illuminating and heating.
Baking powders and yeast.	Shipbuilding, including boat building.
Cars and general shop construction and repairs by steam-railroad companies.	Wirework, including wire rope and cable.

There was a remarkable growth in the building operations of the city from 1904 to 1909, which is reflected in the increases in value of products reported for such industries as the manufacture of artificial stone (268.3 per cent), the structural-ironwork branch of the foundry and machine-shop industry (129.8 per cent), and the planing-mill branch of the lumber industry (18.7 per cent).

The value of products of the manufacturing industries of Los Angeles increased \$33,771,799, or 97 per cent, from 1904 to 1909, the absolute increase being greater than that reported for any other city in the state. The increase for the decade as a whole was 353.2 per cent. Of the total value of manufactures for the state in 1909, 12.9 per cent was reported from this city. The average number of wage earners in the manufacturing industries of the city shows an increase of 66.2 per cent from 1904 to 1909 and 235 per cent for the decade. The leading industries of the city are shown in the following table, which gives the value of products reported for each industry in 1909, together with the percentage which it formed of the total for the industry in the state and the percentage of increase as compared with 1904:

INDUSTRY.	VALUE OF PRODUCTS.		
	Amount.	Per cent of state total.	Per cent of increase over 1904.
Foundry and machine-shop products.....	\$7,777,000	29.1	118.6
Slaughtering and meat packing.....	7,464,000	21.8	84.8
Lumber and timber products.....	5,684,000	12.6	110.5
Flour-mill and gristmill products.....	3,347,000	21.2	91.0
Printing and publishing.....	5,192,000	20.7	48.0
Bread and other bakery products.....	4,670,000	26.4	167.8
Cars and general shop construction and repairs by steam-railroad companies.....	3,362,000	18.0	116.9
Liquors, malt.....	1,457,000	15.6	82.6
Butter, cheese, and condensed milk.....	1,417,000	11.1	109.3
Petroleum refining products.....	1,406,000	7.9	205.0
Canning and preserving.....	1,255,000	8.8	52.9
Coffee and spice, roasting and grinding.....	1,150,000	17.7	131.4
Copper, tin, and sheet-iron products.....	1,124,000	16.5	118.2

The rapid growth of the manufacturing industries of the city is brought out clearly by the fact that in 8 out of the 13 industries included in the table the value of products more than doubled during the five-year period.

Oakland ranks third among the cities of the state in value of manufactured products, showing an increase in that respect of \$13,328,221, or 147.8 per cent, from 1904 to 1909 and \$16,974,668, or 316.2 per cent, from 1899 to 1909. The leading industries of the city were bakeries, canning and preserving, the manufacture of cordage and twine, foundries and machine shops, the gas industry, the lumber industry, printing and publishing, steam-railroad repair shops, and steel works and rolling mills. The increase in the industrial importance of the city during the five-year period 1904-1909 was due largely to the growth of the brewery, lumber, foundry and machine-shop, bakery, printing and publishing, and canning and preserving industries, these six

industries contributing 37.4 per cent of the total increase in value of products for all manufacturing industries of the city during that period. The increase in the canning and preserving industry was particularly marked, the value of products for this industry in 1909 being more than 15 times as great as in 1904.

In Sacramento, the capital of the state, steam-railroad repair shops constituted the most important industry, with steel works and rolling mills next in rank. The brewing of malt liquors, the flour-mill and gristmill industry, canning and preserving, and printing and publishing were other important industries. In Stockton the flour-mill and gristmill industry led all others, the value of its products representing nearly one-half of the total value of manufactures reported for the city. The manufacture of agricultural implements was also an important industry, 66.5 per cent of the total value of products for this industry in California being reported from Stockton.

In Fresno the canning and preserving industry, which is there confined largely to the drying of fruits, especially of raisins, was the leading industry in 1909, contributing 69.6 per cent of the total value of all manufactured products of the city. The city is one of the principal centers of the canning and preserving industry of the state, reporting nearly one-fourth of the total value of products for this industry in California and a much larger proportion of the total value of dried fruits. Canning and preserving was also the leading industry in San Jose, the output of the industry representing 31.4 per cent of the total value of all manufactured products for that city. Other important industries were printing and publishing, foundries and machine shops, and bakeries. The most important industries in San Diego were the lumber industry, flour mills and gristmills, slaughtering and meat packing, printing and publishing, and bakeries.

The foundry and machine-shop industry outranked all others in Berkeley in 1909, the value of its products in that year being nearly 121 times that in 1904. Other leading industries, named in order of their relative importance, were the manufacture of coconut oil included under "Oil, not elsewhere specified," the fertilizer industry, and bakeries. The chief industry in Alameda was shipbuilding, this city reporting nearly one-fourth of the total value of products for this industry in the state. The lumber and the foundry and machine-shop industries, and the manufacture of pottery, terra-cotta, and fire-clay products were other important industries. In Eureka the

lumber industry was the leading branch of manufacture in 1909, contributing nearly one-half of the total value of manufactured products reported for the city. This city also reported a considerable output of factory-made butter.

In the remaining cities shown in the table the chief industries were as follows: In Bakersfield and San Bernardino, steam-railroad repair shops; in Vallejo and Long Beach, flour mills and gristmills; in Pasadena, the planing-mill branch of the lumber industry; in Riverside and Santa Barbara, slaughtering and meat packing; in Santa Cruz, the tanning, currying, and finishing of leather; and in Pomona and Redlands, canning and preserving.

Character of ownership.—The table on page 687 has for its purpose the presentation of conditions in respect to the character of ownership, or legal organization, of manufacturing enterprises. For all industries combined comparative figures are given covering the censuses of 1909 and 1904. Comparative data for 1899 are not available. Figures for 1909 only are presented for several important industries individually. In order to avoid disclosing the operations of individual concerns it is necessary to omit the statistics for several important industries from this table and the one following.

The most important distinction shown is that between corporate and all other forms of ownership. In all industries combined, 32.1 per cent of the total number of establishments were in 1909 under corporate ownership, as against 67.9 per cent under all other forms. The corresponding figures for 1904 were 28 per cent and 72 per cent, respectively. The establishments operated by corporations, however, reported 82.9 per cent of the total value of products in 1909, as against 17.1 per cent for those under all other forms of ownership, while in 1904 the corresponding figures were 76.5 per cent and 23.5 per cent, respectively. The greatest decrease in relative importance from 1904 to 1909 is shown for the establishments operated by individuals, which represented 45.9 per cent of the total number of establishments in 1909, as compared with 49.3 per cent in 1904, although the actual number increased from 3,375 to 3,516 during the same five-year period.

Establishments under corporate ownership reported more than one-half of the total value of products for each industry shown separately in the table, with the exception of the bakery industry, although in all but three of the industries such establishments constituted less than one-half of the total number.

INDUSTRY AND CHARACTER OF OWNERSHIP.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.	INDUSTRY AND CHARACTER OF OWNERSHIP.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
ALL INDUSTRIES:					Flour-mill and gristmill products, 1909				
1909	7,859	115,286	\$529,760,528	\$204,622,454	Individual	125	948	\$25,188,133	\$3,296,182
1904	6,839	100,355	367,218,494	151,492,060	Individual	33	109	2,471,416	275,969
Individual					Corporation	21	31	931,991	114,629
1909	3,516	12,764	49,969,595	23,760,907	Corporation	71	788	21,765,656	2,905,284
1904	3,375	15,257	47,300,887	24,693,085	Per cent of total	100.0	100.0	100.0	100.0
Firm	1,597	9,342	36,539,435	15,624,296	Individual	26.4	11.5	8.4	8.4
1904	1,472	10,527	37,343,541	16,371,024	Firm	18.8	5.4	3.8	3.5
Corporation	2,459	92,757	439,064,967	164,048,735	Corporation	56.8	83.1	86.3	88.1
1909	1,917	74,284	280,742,589	107,946,122	Food preparations, 1909	128	716	\$5,808,097	\$1,637,799
1904	87	433	4,186,471	1,088,516	Individual	44	163	246,077	29,077
Other	75	287	1,831,477	461,849	Firm	42	147	991,646	289,221
Per cent of total					Corporation	36	392	3,361,175	983,829
1909	100.0	100.0	100.0	100.0	Other	7	12	558,785	18,672
1904	100.0	100.0	100.0	100.0	Per cent of total	100.0	100.0	100.0	100.0
Individual	45.9	11.1	9.4	11.6	Individual	34.1	23.0	10.8	16.0
1909	49.3	15.2	12.9	16.3	Firm	32.6	20.5	18.0	18.8
1904	49.3	15.2	12.9	16.3	Corporation	27.9	54.7	61.0	64.0
Firm	20.9	8.1	6.9	7.6	Other	5.4	1.7	10.1	1.2
1904	21.5	10.5	10.2	10.8	Foundry and machine-shop products, 1909	543	8,377	\$26,730,891	\$13,830,000
Corporation	32.1	80.5	82.9	80.2	Individual	297	955	2,794,226	1,647,244
1909	28.0	74.0	76.5	72.6	Firm	118	694	2,017,447	1,201,107
1904	1.1	0.4	0.8	0.5	Corporation	218	6,688	21,919,218	10,981,649
Other	1.1	0.3	0.5	0.3	Per cent of total	100.0	100.0	100.0	100.0
Bread and other bakery products, 1909	864	4,018	\$17,709,633	\$7,332,268	Individual	38.1	11.9	10.5	11.9
Individual	1,033	7,526,828	3,164,473	1,746,888	Firm	21.7	7.1	8.5	8.7
Firm	189	952	4,103,140	2,421,405	Corporation	40.1	79.8	82.0	79.4
Corporation	51	1,433	6,079,665	3,241,405	Liquors, malt, 1909	83	1,238	\$9,319,041	\$8,759,560
Per cent of total	100.0	100.0	100.0	100.0	Individual	34	92	471,794	330,680
Individual	72.2	40.6	42.5	43.2	Firm	5	11	85,338	51,606
Firm	21.9	23.7	23.2	23.8	Corporation	44	1,193	8,761,739	6,377,274
Corporation	5.9	35.7	34.3	33.0	Per cent of total	100.0	100.0	100.0	100.0
Butter, cheese, and condensed milk, 1909	181	697	\$12,760,670	\$1,620,370	Individual	41.0	7.1	5.1	4.9
Individual	52	155	2,263,798	351,602	Firm	6.0	0.8	0.9	0.8
Firm	28	51	994,872	153,944	Corporation	53.0	92.1	94.0	94.3
Corporation	55	313	7,356,944	852,844	Liquors, vinous, 1909	181	1,287	\$8,938,848	\$4,262,907
Other	26	78	2,145,056	263,483	Individual	85	232	1,245,037	566,841
Per cent of total	100.0	100.0	100.0	100.0	Firm	26	95	561,333	272,714
Individual	32.3	26.0	17.7	21.7	Corporation	70	960	7,130,478	3,423,352
Firm	17.4	8.5	7.8	9.5	Per cent of total	100.0	100.0	100.0	100.0
Corporation	34.2	52.4	57.7	52.6	Individual	47.0	18.0	13.4	13.3
Other	16.1	13.1	16.8	16.3	Firm	14.4	7.4	6.3	6.4
Canning and preserving, 1909	198	7,757	\$32,914,829	\$8,906,607	Corporation	38.7	74.6	79.8	80.3
Individual	43	575	1,669,264	601,530	Lumber and timber products, 1909	644	22,935	\$45,000,276	\$26,631,376
Firm	34	383	1,613,248	428,489	Individual	199	1,432	3,453,709	1,845,275
Corporation	119	6,796	29,641,317	7,875,588	Firm	149	1,118	3,029,574	1,748,532
Per cent of total	100.0	100.0	100.0	100.0	Corporation	296	20,405	38,517,196	23,040,269
Individual	21.9	7.5	5.0	6.8	Per cent of total	100.0	100.0	100.0	100.0
Firm	17.3	4.9	4.9	4.8	Individual	30.9	6.2	7.7	6.9
Corporation	60.7	87.6	90.1	88.4	Firm	23.1	4.9	6.7	6.7
Clothing, men's, including shirts, 1909	74	2,385	\$5,120,569	\$2,225,613	Corporation	46.0	89.0	85.6	86.5
Individual	29	164	380,038	193,383	Printing and publishing, 1909	1,249	7,556	\$25,031,877	\$18,704,574
Firm	24	559	1,167,147	500,814	Individual	709	1,885	6,762,762	5,143,337
Corporation	21	1,662	3,553,294	1,531,416	Firm	194	719	1,812,749	1,398,227
Per cent of total	100.0	100.0	100.0	100.0	Corporation	296	4,874	15,871,045	11,718,776
Individual	31.2	6.9	7.4	7.7	Other	41	78	585,321	445,734
Firm	32.4	23.4	23.2	22.5	Per cent of total	100.0	100.0	100.0	100.0
Corporation	28.4	69.7	69.4	68.8	Individual	57.2	24.9	27.0	27.5
Copper, tin, and sheet-iron products, 1909	233	1,938	\$8,803,761	\$3,238,095	Firm	15.6	9.5	7.2	7.5
Individual	106	406	1,425,547	768,283	Corporation	23.9	64.5	63.4	62.4
Firm	74	266	958,869	530,745	Other	3.3	1.0	2.3	2.4
Corporation	53	1,266	4,419,345	1,939,877	Slaughtering and meat packing, 1909	94	1,641	\$34,280,003	\$5,831,946
Per cent of total	100.0	100.0	100.0	100.0	Individual	33	155	4,276,592	611,509
Individual	45.5	20.9	21.0	23.7	Firm	34	171	4,444,852	546,152
Firm	31.8	13.7	14.1	15.4	Corporation	27	1,315	25,558,559	4,674,285
Corporation	22.7	65.3	65.0	59.9	Per cent of total	100.0	100.0	100.0	100.0

* Includes the group "Other," to avoid disclosure of individual operations.

Size of establishment.—The tendency for manufacturing to become concentrated in large establishments, or the reverse, is a matter of interest from the standpoint of industrial organization. In order to throw some light upon it, the table on the following page groups the establishments according to the value of their products. The table also shows the average

size of establishments for all industries combined and for certain important industries separately as measured by number of wage earners, value of products, and value added by manufacture. The totals for all industries are shown for the last two censuses, while for the individual industries figures are given for 1909 only.

INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.	INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
ALL INDUSTRIES:					Copper, tin, and sheet-iron products, 1909.				
1909	7,659	115,298	\$529,760,628	\$204,522,454	Less than \$5,000	233	1,938	\$6,803,761	\$3,238,906
1904	6,839	100,355	367,218,944	151,492,080	\$5,000 and less than \$20,000	64	57	182,744	120,083
Less than \$5,000:					\$20,000 and less than \$100,000	107	338	1,050,415	607,141
1909	2,169	20,067	5,610,748	3,795,464	\$100,000 and less than \$1,000,000	50	619	2,174,242	1,114,065
1904	2,088	2,242	5,906,470	3,634,402	Average per establishment	12	924	5,836,360	3,397,616
\$5,000 and less than \$20,000:					Per cent of total	100.0	100.0	100.0	100.0
1909	2,785	10,279	29,208,047	17,546,524	Less than \$5,000	27.5	2.9	15,4	3.7
1904	2,507	10,574	26,190,138	15,902,855	\$5,000 and less than \$20,000	17.4	15.4	18,7	18.7
\$20,000 and less than \$100,000:					\$20,000 and less than \$100,000	21.5	31.9	32.0	34.4
1909	1,867	24,913	82,114,420	40,743,591	\$100,000 and less than \$1,000,000	5.2	47.7	49.9	43.2
1904	1,616	25,111	72,176,270	37,594,307	Average per establishment	8	29,201	\$13,901	\$13,901
\$100,000 and less than \$1,000,000:					Flour-mill and gristmill products, 1909.				
1909	767	53,128	120,723,384	86,922,761	Less than \$5,000	125	948	\$25,138,183	\$3,286,182
1904	598	47,912	158,273,161	69,102,483	\$5,000 and less than \$20,000	5	7	4,793	4,793
\$1,000,000 and over:					\$20,000 and less than \$100,000	24	37	24,163	56,086
1909	71	24,909	202,103,929	55,514,114	\$100,000 and less than \$1,000,000	46	107	1,880,546	293,421
1904	31	14,516	105,272,449	25,197,973	\$1,000,000 and over	45	531	13,925,443	1,755,824
Per cent of total:					Average per establishment	5	266	8,965,978	1,186,068
1909	100.0	100.0	100.0	100.0	Per cent of total	100.0	100.0	100.0	100.0
1904	100.0	100.0	100.0	100.0	Less than \$5,000	4.0	0.7	0.1	0.1
Less than \$5,000:					\$5,000 and less than \$20,000	19.2	5.9	1.2	1.7
1909	28.3	1.8	1.1	1.9	\$20,000 and less than \$100,000	36.8	11.3	7.9	8.9
1904	30.5	2.2	1.4	2.4	\$100,000 and less than \$1,000,000	36.0	56.0	55.3	53.3
\$5,000 and less than \$20,000:					\$1,000,000 and over	4.0	28.1	35.6	36.0
1909	36.4	8.9	5.5	8.6	Average per establishment	8	\$201,505	\$236,369	\$236,369
1904	36.7	10.5	7.1	10.5	Food preparations, 1909.				
\$20,000 and less than \$100,000:					Less than \$5,000	129	716	\$5,508,087	\$1,637,789
1909	24.4	21.6	15.5	19.9	\$5,000 and less than \$20,000	31	26	73,456	39,433
1904	23.6	25.0	19.7	24.8	\$20,000 and less than \$100,000	46	142	471,690	235,943
\$100,000 and less than \$1,000,000:					\$100,000 and less than \$1,000,000	39	280	1,741,154	543,499
1909	10.0	46.1	39.8	42.5	\$1,000,000 and over	13	268	\$3,222,417	718,924
1904	8.7	47.7	43.1	45.7	Per cent of total	100.0	100.0	100.0	100.0
\$1,000,000 and over:					Less than \$5,000	24.0	3.6	1.3	2.6
1909	0.9	21.6	38.2	27.1	\$5,000 and less than \$20,000	35.7	19.8	8.6	15.3
1904	0.5	14.5	28.7	16.6	\$20,000 and less than \$100,000	39.2	39.8	31.6	35.3
Average per establishment:					\$100,000 and less than \$1,000,000	10.1	37.4	58.5	46.8
1909	15	\$9,168	\$26,704	\$26,704	Average per establishment	6	\$42,708	\$11,921	\$11,921
1904	15	\$5,695	22,151	22,151	Foundry and machine-shop products, 1909.				
Bread and other bakery products, 1909.					Less than \$5,000	543	8,377	\$26,730,891	\$13,530,046
Less than \$5,000	864	4,018	\$17,709,633	\$7,332,268	\$5,000 and less than \$20,000	113	127	603,583	201,046
\$5,000 and less than \$20,000	224	119	648,234	302,401	\$20,000 and less than \$100,000	220	968	2,392,406	1,561,666
\$20,000 and less than \$100,000	456	1,038	4,761,929	2,104,124	\$100,000 and less than \$1,000,000	154	2,302	6,859,949	3,963,122
\$100,000 and less than \$1,000,000	103	1,395	6,119,284	2,505,153	\$1,000,000 and over	53	3,627	13,248,304	6,120,991
Per cent of total	100.0	100.0	100.0	100.0	Average per establishment	3	3,223	3,926,649	2,043,175
Less than \$5,000	25.9	3.0	3.7	4.1	Per cent of total	100.0	100.0	100.0	100.0
\$5,000 and less than \$20,000	25.8	2.8	2.9	2.7	Less than \$5,000	20.8	1.5	1.1	1.5
\$20,000 and less than \$100,000	18.9	34.7	34.6	34.1	\$5,000 and less than \$20,000	40.5	11.9	8.9	11.3
\$100,000 and less than \$1,000,000	2.4	36.5	34.9	33.0	\$20,000 and less than \$100,000	28.4	27.5	25.7	28.2
Average per establishment	5	\$20,497	\$8,486	\$8,486	\$100,000 and less than \$1,000,000	9.8	43.3	49.6	44.3
					\$1,000,000 and over	0.6	15.8	14.7	14.8
					Average per establishment	15	\$49,228	\$25,470	\$25,470
Butter, cheese, and condensed milk, 1909.					Liquors, malt, 1909.				
Less than \$5,000	161	597	\$12,760,870	\$1,620,970	Less than \$5,000	83	1,298	\$9,319,041	\$8,759,560
\$5,000 and less than \$20,000	17	8	59,458	16,063	\$5,000 and less than \$20,000	20	16	47,023	31,471
\$20,000 and less than \$100,000	35	39	425,101	79,942	\$100,000 and less than \$1,000,000	18	50	202,988	144,080
\$100,000 and less than \$1,000,000	75	185	3,475,950	481,903	\$1,000,000 and over	19	183	1,694,025	761,344
Per cent of total	100.0	100.0	100.0	100.0	Average per establishment	26	1,047	7,975,005	5,822,655
Less than \$5,000	10.6	1.3	0.6	0.8	Per cent of total	100.0	100.0	100.0	100.0
\$5,000 and less than \$20,000	21.7	6.5	3.3	4.9	Less than \$5,000	24.1	1.2	0.5	0.5
\$20,000 and less than \$100,000	46.6	31.0	27.2	29.7	\$5,000 and less than \$20,000	21.7	3.9	2.2	2.1
\$100,000 and less than \$1,000,000	21.1	61.1	69.0	64.5	\$20,000 and less than \$100,000	22.9	14.1	11.7	11.3
Average per establishment	4	\$79,259	\$10,068	\$10,068	\$100,000 and less than \$1,000,000	31.3	80.8	85.6	86.1
					Average per establishment	16	\$112,278	\$81,440	\$81,440
Canning and preserving, 1909.					Liquors, vinous, 1909.				
Less than \$5,000	198	7,757	\$32,914,829	\$8,905,507	Less than \$5,000	181	1,287	\$8,938,848	\$4,262,907
\$5,000 and less than \$20,000	18	31	49,825	23,657	\$5,000 and less than \$20,000	14	19	47,818	25,417
\$20,000 and less than \$100,000	34	189	358,142	169,254	\$20,000 and less than \$100,000	75	216	820,277	409,524
\$100,000 and less than \$1,000,000	58	1,188	3,207,147	1,183,515	\$100,000 and less than \$1,000,000	69	390	2,905,549	1,204,476
\$1,000,000 and over	4	822	22,614,094	6,138,022	\$1,000,000 and over	18	667	5,163,404	2,623,490
Per cent of total	100.0	100.0	100.0	100.0	Per cent of total	100.0	100.0	100.0	100.0
Less than \$5,000	9.2	0.4	0.2	0.3	Less than \$5,000	10.5	1.1	0.5	0.6
\$5,000 and less than \$20,000	17.3	2.4	1.1	1.9	\$5,000 and less than \$20,000	41.4	16.8	9.2	9.6
\$20,000 and less than \$100,000	29.6	15.3	9.7	13.3	\$20,000 and less than \$100,000	38.1	19.8	18.3	21.5
\$100,000 and less than \$1,000,000	41.8	71.3	68.7	68.9	\$100,000 and less than \$1,000,000	9.9	51.8	57.8	68.3
\$1,000,000 and over	2.0	10.6	8.9	8.9	Average per establishment	7	\$49,375	\$23,552	\$23,552
Average per establishment	40	\$167,933	\$45,437	\$45,437	Lumber and timber products, 1909.				
Clothing, men's, including shirts, 1909.					Less than \$5,000	644	22,935	\$45,000,276	\$28,631,378
Less than \$5,000	12	20	28,564	21,135	\$5,000 and less than \$20,000	137	210	362,918	127,499
\$5,000 and less than \$20,000	26	191	270,318	163,543	\$20,000 and less than \$100,000	100	954	2,091,127	1,310,556
\$20,000 and less than \$100,000	22	47	624,498	385,904	\$100,000 and less than \$1,000,000	215	4,096	9,894,778	5,359,712
\$100,000 and less than \$1,000,000	14	1,747	3,836,629	1,652,635	\$1,000,000 and over	88	13,684	27,693,341	16,180,180
Per cent of total	100.0	100.0	100.0	100.0	Average per establishment	4	3,991	4,956,112	3,510,185
Less than \$5,000	16.2	0.8	0.6	0.9	Per cent of total	100.0	100.0	100.0	100.0
\$5,000 and less than \$20,000	35.1	8.0	5.3	7.3	Less than \$5,000	21.3	0.9	0.8	1.0
\$20,000 and less than \$100,000	29.7	17.9	18.1	17.4	\$5,000 and less than \$20,000	29.5	4.2	4.6	4.9
\$100,000 and less than \$1,000,000	18.9	73.2	76.1	74.2	\$20,000 and less than \$100,000	33.4	17.9	22.0	20.2
Average per establishment	32	\$69,196	\$30,076	\$30,076	\$100,000 and over	17.4	59.7	61.5	60.8
					Average per establishment	36	\$69,876	\$41,353	\$41,353

1 Includes the group "\$1,000,000 and over."

INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.	INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
Printing and publishing, 1909 ..	1,240	7,556	\$25,031,877	\$18,704,574	Slaughtering and meat packing, 1909 ..	94	1,641	\$34,280,003	\$5,831,946
Less than \$5,000 ..	284	510	1,491,945	1,202,496	Less than \$5,000 ..	4	5	13,204	4,824
\$5,000 and less than \$20,000 ..	451	1,532	4,420,462	3,526,771	\$5,000 and less than \$20,000 ..	14	28	149,163	68,781
\$20,000 and less than \$100,000 ..	164	2,465	6,672,722	5,026,255	\$20,000 and less than \$100,000 ..	34	150	1,749,518	343,754
\$100,000 and less than \$1,000,000 ¹ ..	41	3,049	12,447,647	8,949,052	\$100,000 and less than \$1,000,000 ..	33	374	10,328,186	1,431,046
					\$1,000,000 and over ..	9	1.134	22,039,432	3,983,541
Per cent of total ..	100.0	100.0	100.0	100.0	Per cent of total ..	100.0	100.0	100.0	100.0
Less than \$5,000 ..	47.1	6.7	6.0	6.4	Less than \$5,000 ..	4.3	0.3	(3)	0.1
\$5,000 and less than \$20,000 ..	36.4	20.3	17.7	18.9	\$5,000 and less than \$20,000 ..	14.9	1.7	0.4	1.2
\$20,000 and less than \$100,000 ..	13.2	32.6	26.7	26.9	\$20,000 and less than \$100,000 ..	36.2	6.1	5.1	5.9
\$100,000 and less than \$1,000,000 ¹ ..	3.3	40.4	49.7	47.8	\$100,000 and less than \$1,000,000 ..	35.1	22.8	30.1	24.5
Average per establishment ..		6	\$20,157	\$15,084	\$1,000,000 and over ..	9.6	69.1	64.3	68.3
					Average per establishment ..		17	\$304,681	\$92,042

¹ Includes the group "\$1,000,000 and over."

* Less than one-tenth of 1 per cent.

This table shows that of the 7,659 manufacturing establishments in the state in 1909 only 71, or nine-tenths of 1 per cent, had a value of products exceeding \$1,000,000. These establishments, however, employed an average of 24,909 wage earners, or 21.6 per cent of the total number in all establishments, and reported 38.2 per cent of the total value of products and 27.1 per cent of the total value added by manufacture.

On the other hand, the very small establishments—that is, those having products valued at less than \$5,000—constituted a considerable proportion (28.3 per cent) of the total number of establishments, but the value of their products amounted to only 1.1 per cent of the total. The bulk of the manufacturing was done in establishments having products valued at not less than \$100,000.

During the five years from 1904 to 1909 there was a considerable increase in the relative importance, as measured by value of products, of the largest establishments—those reporting products of not less than \$1,000,000 in value—and a decrease in that of the remaining classes.

The fact that between 1904 and 1909 the average value of products per establishment increased from \$53,695 to \$69,168, and the value added by manufacture from \$22,151 to \$26,704, can not be taken as in itself indicating a tendency toward concentration. The increased values shown may be, and probably are, due in part, at least, to the general rise that has taken place in the prices of commodities. The average number of wage earners per establishment was 15 both in 1909 and in 1904.

The table shows further that when the size of establishments is measured by the average value of products per establishment the bakery industry, the manufacture of copper, tin, and sheet-iron products, and printing and publishing are conducted chiefly in rather small establishments, while the canning and

preserving, flour-mill and gristmill, brewery, and slaughtering and meat-packing industries are conducted mainly in comparatively large establishments.

In some respects, and especially from the standpoint of conditions under which persons engaged in manufactures work, the best classification of establishments to bring out the feature of size is a classification according to the number of wage earners employed. The table on page 690 shows, for 1909, such a classification for all industries combined and for 20 important industries individually, and gives not only the number of establishments falling into each group but also the average number of wage earners employed.

Of the 7,659 establishments reported for all manufacturing industries, 11.5 per cent employed no wage earners; 53.8 per cent employed from 1 to 5; 22.3 per cent, from 6 to 20; and 6.9 per cent, from 21 to 50. The most numerous single group consists of the 4,123 establishments employing from 1 to 5 wage earners, and the next of the 1,708 establishments employing from 6 to 20. There were 74 establishments that employed over 250 wage earners; 4 of these establishments, of which 2 were lumber mills and 2 steam-railroad repair shops, employed over 1,000 each.

Of the total number of wage earners, 60.6 per cent were in establishments employing over 50 wage earners each. The single group having the largest number of wage earners was the group comprising the establishments employing from 251 to 500. This group employed an aggregate of 20,103 wage earners, or 17.4 per cent of the total. Of the individual industries listed in the table but not in the preceding one, the steam-railroad repair shops, the manufacture of cement, the gas industry, the tanning, currying, and finishing of leather, and the refining of petroleum are industries in which comparatively large establishments do most of the business, as appears from the classification according to the number of wage earners employed.

INDUSTRY.	Total.	ESTABLISHMENTS EMPLOYING—								
		No wage earners.	1 to 5 wage earners.	6 to 20 wage earners.	21 to 50 wage earners.	51 to 100 wage earners.	101 to 250 wage earners.	251 to 500 wage earners.	501 to 1,000 wage earners.	Over 1,000 wage earners.
NUMBER OF ESTABLISHMENTS.										
All Industries	7,659	882	4,123	1,708	528	212	134	56	14	4
Bread and other bakery products.....	864	130	585	124	16	4	4	1		
Butter, cheese, and condensed milk.....	161	14	118	26	3					
Canning and preserving.....	196	4	37	56	51	29	13	4		
Cars and general shop construction and repairs by steam-railroad companies.....	42		2	10	5	4	9	7	3	2
Cement.....	8		2				3		3	
Clothing, men's, including shirts.....	74	5	26	23	8	6	4	2		
Coffee and spice, roasting and grinding.....	44		27	13	3					
Copper, tin, and sheet-iron products.....	233	21	143	52	9	7		1		
Flour-mill and gristmill products.....	125	6	78	28	11	2				
Food preparations.....	129	11	86	25	7					
Foundry and machine-shop products.....	543	23	266	174	44	24	9	2	1	
Gas, illuminating and heating.....	74		38	27	3	3	1	2		
Leather, tanned, curried, and finished.....	40		10	11	10	6	3			
Liquors, distilled.....	35	5	21	5	1					
Liquors, malt.....	6		38	22	10	5	1			
Liquors, vinous.....	181	2	138	33	5	1	2			
Lumber and timber products.....	644	13	276	179	95	35	26	15	3	2
Petroleum, refining.....	29		6	18	3			2		
Printing and publishing.....	1,240	348	648	180	42	16	10	1		
Slaughtering and meat packing.....	94	5	51	25	6	4	1	2		
All other industries.....	2,822	294	1,527	674	194	64	48	17	4	
AVERAGE NUMBER OF WAGE EARNERS.										
All Industries	116,296	9,844	18,672	16,854	15,374	19,873	20,103	9,092	5,484	
Bread and other bakery products.....	4,018	1,148	515	227	80	352	504			
Butter, cheese, and condensed milk.....	597	227	290	80						
Canning and preserving.....	7,757	96	701	1,798	2,069	1,918	1,175			
Cars and general shop construction and repairs by steam-railroad companies.....	9,342	7	123	218	201	1,396	2,444	2,028	2,925	
Cement.....	2,407	6				656		1,745		
Clothing, men's, including shirts.....	2,385	79	277	241	451	572	705			
Coffee and spice, roasting and grinding.....	352	72	141	80	59					
Copper, tin, and sheet-iron products.....	1,638	329	535	277	512					
Flour-mill and gristmill products.....	948	174	283	333	158					
Food preparations.....	716	202	256	258						
Foundry and machine-shop products.....	8,377	713	1,969	1,445	1,749	1,178	808	515		
Gas, illuminating and heating.....	1,666	106	269	87	259					
Leather, tanned, curried, and finished.....	1,398	27	163	328	424	456				
Liquors, distilled.....	193	41	54	27	71					
Liquors, malt.....	1,296	90	296	332	453	325				
Liquors, vinous.....	12,887	352	321	164	690	390				
Lumber and timber products.....	22,935	689	1,973	2,957	2,645	4,001	5,911	2,200	2,559	
Petroleum, refining.....	930	16	211	76			627			
Printing and publishing.....	7,556	1,505	1,961	1,347	1,113	1,369	261			
Slaughtering and meat packing.....	1,641	128	277	157	306	111	662			
All other industries.....	37,557	3,707	7,394	6,134	4,599	7,026	6,093	2,604		
PER CENT OF AVERAGE NUMBER OF WAGE EARNERS.										
All Industries	100.0	8.5	16.2	14.6	13.3	17.2	17.4	7.9	4.8	
Bread and other bakery products.....	100.0	31.8	28.6	12.8	6.3	12.5	8.0			
Butter, cheese, and condensed milk.....	100.0	38.0	48.6	13.4						
Canning and preserving.....	100.0	1.2	9.0	23.2	26.7	24.7	15.1			
Cars and general shop construction and repairs by steam-railroad companies.....	100.0	0.1	1.3	2.3	2.2	14.9	26.2	21.7	31.3	
Cement.....	100.0	0.2						72.5		
Clothing, men's, including shirts.....	100.0	3.3	11.6	10.1	18.9	24.0	32.1			
Coffee and spice, roasting and grinding.....	100.0	20.5	40.1	22.7	16.8					
Copper, tin, and sheet-iron products.....	100.0	17.0	27.6	14.3	20.4		14.7			
Flour-mill and gristmill products.....	100.0	19.1	35.1	23.9	16.7					
Food preparations.....	100.0	28.2	35.8	36.0						
Foundry and machine-shop products.....	100.0	8.5	23.5	17.2	20.9	14.1	9.6	6.1		
Gas, illuminating and heating.....	100.0	6.4	17.9	5.2	15.1	10.3	45.1			
Leather, tanned, curried, and finished.....	100.0	1.9	11.7	2.5	30.3	32.6				
Liquors, distilled.....	100.0	21.2	28.0	14.0	36.8					
Liquors, malt.....	100.0	6.9	22.8	25.6	35.0	9.6				
Liquors, vinous.....	100.0	27.4	24.9	12.7	4.7	30.3				
Lumber and timber products.....	100.0	3.0	8.6	12.9	11.5	17.4	25.8	9.6	11.2	
Petroleum, refining.....	100.0	1.0	22.7	8.2			67.4			
Printing and publishing.....	100.0	19.9	26.0	17.8	14.7	18.1	3.5			
Slaughtering and meat packing.....	100.0	7.8	19.9	9.6	18.6	6.8	40.3			
All other industries.....	100.0	9.9	19.7	16.3	12.2	18.7	16.2	6.9		

Expenses.—As stated in the Introduction, the census does not purport to furnish figures that can be used for determining the cost of manufacture and profits. Facts of interest can, however, be brought out concerning the relative importance of the different classes of expenses which make up the total. The next table shows, in percentages, for 1909, the distribution of expenses among the classes indicated for all industries combined and for certain important

industries separately. The figures on which the percentages are based appear in Table II, page 706.

The table shows that, for all industries combined, 68.3 per cent of the total expenses were incurred for materials, 22.5 per cent for services—that is, salaries and wages—and but 9.2 per cent for other purposes. As would be expected, these proportions vary greatly in the different industries. The flour-mill and grist-mill industry shows a higher percentage for materials

(92.2) and the distillery industry a lower percentage (16.7) than any other industry presented separately. The printing and publishing industry shows the highest percentage for services (48.8), while in the case of this item also the lowest percentage is that shown for the distillery industry (3.7). The high proportions which "miscellaneous expenses" represent of the total in the case of the distillery and brewery industries are due to the inclusion under this head of the internal-revenue tax. This tax, particularly in the case of the distillery industry, swells the item of "miscellaneous expenses" to such an extent as to cause abnormally small proportions to be shown for the other items of expense.

INDUSTRY.	PER CENT OF TOTAL EXPENSES REPORTED.			
	Salaries.	Wages.	Materials.	Miscellaneous expenses.
All industries.....	4.8	17.7	68.3	8.2
Bread and other bakery products.....	4.3	20.0	67.5	8.2
Butter, cheese, and condensed milk.....	1.7	3.8	91.3	3.2
Canning and preserving.....	3.5	11.1	77.4	7.9
Cars and general shop construction and repairs by steam-railroad companies.....	2.0	44.8	51.0	2.1
Cement.....	4.4	37.4	49.5	8.7
Clothing, men's, including shirts.....	4.4	22.8	62.7	10.2
Coffee and spice, roasting and grinding.....	8.8	4.1	76.5	10.6
Copper, tin, and sheet-iron products.....	5.3	27.6	59.4	7.7
Flour-mill and gristmill products.....	2.2	3.1	92.2	2.6
Food preparations.....	4.6	8.1	79.6	7.7
Foundry and machine-shop products.....	7.5	29.9	62.7	10.0
Gas, illuminating and heating.....	12.6	21.8	59.9	26.0
Liquors, distilled.....	2.4	11.2	80.2	6.1
Leather, tanned, curried, and finished.....	1.1	2.6	16.7	79.6
Liquors, malt.....	7.2	18.3	33.6	40.9
Liquors, vinous.....	5.8	9.2	63.3	21.7
Lumber and timber products.....	5.5	38.5	45.2	10.7
Petroleum, refining.....	2.3	8.1	87.9	4.7
Printing and publishing.....	18.2	30.6	30.1	21.1
Slaughtering and meat packing.....	1.7	4.1	90.2	3.9
All other industries.....	4.3	14.9	74.0	6.8

Engines and power.—The next table shows, for all industries combined, the number of engines or other motors, according to their character, employed in generating power (including electric motors operated by purchased current) and their total horsepower at the censuses of 1909, 1904, and 1899. It also shows separately the number and horsepower of electric motors, including those operated by current generated in the manufacturing establishments.

The table indicates that from 1904 to 1909 there was an increase of 118,741 horsepower, or 56.4 per cent, in the total power used in manufactures, while from 1899 to 1904 the increase was 83,406 horsepower, or 65.7 per cent. Of the total increase from 1904 to 1909, 40,348 horsepower was in that generated by steam engines and 77,174 horsepower in rented electric power. The more general use of gas engines is shown, there being 765 such engines, with an indicated capacity of 10,115 horsepower, reported in 1909, as against 689 engines, with 6,292 horsepower, in 1904, and 545 engines, with 3,244 horsepower, in 1899. Water wheels showed a decrease in number but an increase in total horsepower. The figures also show that the practice of renting electric power is increasing rapidly, 35.4 per cent of the total power being rented electric power in 1909, as against 18.7 per cent in 1904

and but 7.6 per cent in 1899. The proportion for 1909 is larger than for any other state in the Union.

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.			PER CENT DISTRIBUTION OF HORSEPOWER.		
	1909	1904	1899 ¹	1909	1904	1899 ¹	1909	1904	1899
Primary power, total.....	14,249	3,313	2,874	329,100	210,359	128,953	100.0	100.0	100.0
Owned.....	3,447	3,313	2,874	211,341	168,474	114,723	64.2	80.1	90.4
Steam.....	2,539	2,408	2,158	193,526	153,178	105,190	58.8	72.8	82.9
Gas.....	765	689	645	10,115	6,292	3,244	3.1	3.0	2.6
Water wheels.....	115	137	171	7,390	6,965	4,680	2.2	3.3	3.7
Water motors.....	47	79	(*)	280	296	(*)	0.1	0.1	(*)
Other.....				30	1,774	1,609	(*)	0.8	1.3
Rented.....	10,802	(*)	(*)	117,759	41,885	12,230	35.8	19.9	9.6
Electric.....	10,802	(*)	(*)	116,537	39,363	9,624	35.4	18.7	7.6
Other.....				1,222	2,522	2,606	0.4	1.2	2.1
Electric motors	12,393	658	281	143,884	49,575	15,762	100.0	100.0	100.0
Run by current generated by establishment.....	1,591	658	281	27,147	10,212	6,138	78.0	20.6	38.9
Run by rented power.....	10,802	(*)	(*)	116,537	39,363	9,624	81.1	79.4	61.1

¹ Includes the neighborhood industries and hand trades, omitted in 1904 and 1909. ² Not reported. ³ Less than one-tenth of 1 per cent.

The use of electric motors for the purpose of applying the power generated within the establishments is shown to be rapidly becoming more common, the horsepower of such motors having increased from 6,138 in 1899 to 10,212 in 1904 and 27,147 in 1909.

Fuel.—Closely related to the question of kind of power employed is that of the fuel consumed in generating this power, or otherwise used as material in the manufacturing processes. The following table shows the quantity of each kind of fuel used in 1909 for all industries combined and for certain selected industries:

INDUSTRY.	Anthracite coal (tons).	Bituminous coal (tons).	Coke (tons).	Wood (cords).	Oil, including gasolene (barrels).	Gas (1,000 feet).
All industries.....	4,421	43,165	113,685	76,323	8,983	302,548
Bread and other bakery products.....	54	692	137	8,900	82,659	39,421
Butter, cheese, and condensed milk.....	65	347	.....	7,269	27,119	520
Canning and preserving.....	83	1,797	.....	3,529	141,958	12,816
Cars and general shop construction and repairs by steam-railroad companies.....	14	4,703	17	1,257	316,874	23,620
Cement.....	.....	.....	.....	.....	891,130	.....
Clothing, men's, including shirts.....	4	24	.....	3	1,321	1,909
Coffee and spice, roasting and grinding.....	.....	17	132	.....	2,912	18,445
Copper, tin, and sheet-iron products.....	15	154	207	107	1,180	5,644
Flour-mill and gristmill products.....	55	471	.....	871	150,434	.....
Food preparations.....	65	322	311	521	13,309	5,526
Foundry and machine-shop products.....	1,178	3,915	15,629	1,066	75,832	20,032
Gas, illuminating and heating.....	.....	.....	.....	.....	9,230,961	600
Leather, tanned, curried, and finished.....	232	2,297	.....	717	45,322	.....
Liquors, distilled.....	.....	21	.....	590	48,019	.....
Liquors, malt.....	50	430	204	2,121	179,276	330
Liquors, vinous.....	93	263	.....	8,375	68,500	.....
Lumber and timber products.....	26	389	.....	13,285	46,216	23,607
Petroleum, refining.....	.....	.....	.....	.....	1,286,666	.....
Printing and publishing.....	88	751	.....	452	3,013	33,586
Slaughtering and meat packing.....	10	224	.....	2,150	153,290	890
All other industries.....	2,279	25,971	96,996	30,220	3,131,799	115,902

NOTE.—In addition, there were 15,164 tons of other varieties of fuel reported.

The most notable fact shown by the table is the large amount of oil and the small amounts of nearly all the other kinds of fuel used. The larger part of this oil is crude oil used as fuel in the generation of steam power, but increasing quantities of refined oil are being used in internal-combustion engines.

SUPPLEMENTARY DATA REGARDING IMPORTANT INDUSTRIES.

(With statistics for laundries and custom gristmills.)

For certain industries the Census Bureau collects, by means of special schedules, details regarding the quantity and cost of materials and the quantity and value of products and other information for securing which no provision is made on the general schedule. Certain data of this character for eight important industries in California are here presented.

Lumber and timber products.—In the following tabular statement is shown the production of rough lumber, lath, and shingles in California for the census years 1909 and 1899:

PRODUCT.		QUANTITY.	
		1909	1899
Rough lumber.....	M feet b. m.	1,143,507	737,035
Lath.....	..... thousands.....	32,615	11,507
Shingles.....	..... thousands.....	574,342	650,090

During the decade from 1899 to 1909 the output of rough lumber in California increased 55.1 per cent and that of lath 183.4 per cent, while the production of shingles decreased 11.7 per cent. The period of most rapid growth in the industry was from 1899 to 1904, when the output of lumber increased 46.2 per cent. The woods which supply the raw material are almost exclusively conifers, the hardwood cut in 1909, practically all of which was California or tan-bark oak, forming only one-fifth of 1 per cent of the total lumber production during the year. A total of 521,630 M feet board measure, or more than 45.6 per cent of the lumber output in 1909, was California redwood, a species of timber which does not occur in saw-log size outside of California. Chief among the other species sawed into lumber in 1909 were western pine, with a production of 364,748 M feet board measure, Douglas fir, with a production of 88,852 M feet, and sugar pine, with a production of 88,822 M feet.

A noteworthy peculiarity of the lumber industry in the state is the fact that the manufacture of shingles, while carried on to some extent in connection with that of lumber, nevertheless amounts practically to a separate and distinct industry. Over 88 per cent of the shingle output of the state for 1909 was manufactured from redwood, which timber possesses in very high degree the qualities most desirable in shingle material.

Slaughtering and meat packing.—The next table gives the quantity and cost of the various materials used in this industry and the quantity and value of the various products, for 1909, 1904, and 1899.

From 1904 to 1909 the number of bees slaughtered increased 81,901, or 31.5 per cent; that of calves, 38,244, or 88.7 per cent; that of sheep, 81,484, or 8.2 per cent; and that of hogs, 30,234, or 9.6 per cent. The rate of increase in the cost of the animals slaugh-

tered was much higher than that in the number slaughtered.

MATERIAL OR PRODUCT.	1909	1904	1899
Materials used, total cost.....	\$28,448,057	\$18,751,744	\$13,616,305
Beeves slaughtered:			
Number.....	341,617	299,716	174,113
Cost.....	\$14,348,274	\$9,739,012	\$6,017,572
Calves slaughtered:			
Number.....	81,344	43,100	28,531
Cost.....	\$930,751	\$412,644	\$280,958
Sheep slaughtered:			
Number.....	1,071,998	990,614	695,058
Cost.....	\$4,436,865	\$3,284,003	\$2,197,362
Hogs slaughtered:			
Number.....	344,319	314,085	228,675
Cost.....	\$4,339,254	\$2,891,457	\$1,989,208
Dressed meat, purchased.....	\$2,088,065	\$1,439,004	\$1,897,969
Fuel and rent of power.....	\$184,764	\$88,889	\$75,162
All other materials.....	\$2,120,054	\$903,735	\$1,157,894
Products, total value.....	\$34,280,003	\$22,012,756	\$15,317,262
Beef, fresh:			
Pounds.....	186,315,779	140,301,999	93,818,021
Value.....	\$13,820,710	\$9,138,362	\$5,972,469
Beef, salted or cured:			
Pounds.....	1,455,480	2,386,927	2,512,762
Value.....	\$137,792	\$171,352	\$173,381
Veal, fresh:			
Pounds.....	12,077,330	6,470,074	3,964,808
Value.....	\$1,104,753	\$561,602	\$526,705
Mutton, fresh:			
Pounds.....	44,220,813	38,021,994	29,605,967
Value.....	\$4,215,624	\$3,089,546	\$2,173,934
Pork, fresh:			
Pounds.....	32,204,886	22,796,629	18,315,565
Value.....	\$3,472,610	\$1,821,101	\$1,424,794
Pork, salted or cured:			
Pounds.....	13,964,304	23,183,338	28,705,334
Value.....	\$2,305,753	\$2,732,575	\$2,878,861
Sausage, fresh or cured.....	\$935,408	\$666,125	\$215,023
All other fresh meat:			
Pounds.....	3,435,527	350,000	2,295,977
Value.....	\$216,755	\$17,500	\$191,283
Lard:			
Pounds.....	6,644,167	8,312,662	4,181,112
Value.....	\$839,023	\$955,500	\$350,620
Tallow, oleo stock, and stearin:			
Pounds.....	11,363,156	(¹)	(¹)
Value.....	\$604,712	(¹)	(¹)
Fertilizers and fertilizer materials:			
Tons.....	6,062	3,325	1,570
Value.....	\$162,509	\$67,669	\$37,325
Hides:			
Number.....	374,278	272,042	201,444
Pounds.....	21,134,504	14,875,504	10,221,863
Value.....	\$2,710,097	\$1,465,399	\$960,324
Pelts:			
Number.....	1,070,801	990,514	(¹)
Value.....	\$742,098	\$742,499	(¹)
Wool:			
Pounds.....	1,707,577	180,000	117,710
Value.....	\$430,967	\$51,100	\$23,742
All other products, including amount received for custom or contract work.....	\$2,580,592	\$964,886	\$1,108,798

¹ Figures not available.

With the exception of salted and cured beef and salted and cured pork, all the meat products show increases in value and, so far as figures are given, in quantity from 1904 to 1909, as well as from 1899 to 1904. The largest absolute gain in quantity during the more recent five-year period, 46,013,780 pounds, is shown for fresh beef, while the largest relative gain, 881.6 per cent, was in "All other fresh meat." The percentages of increase in value were generally greater than those in quantity, owing to the higher prices of meats that prevailed in 1909. One of the most interesting facts brought out by the table is the increasing production of fresh pork and the decreasing production of salted and cured pork. In 1899 the output of salted and cured pork was over one and one-half times that of fresh pork, while in 1909 the output of the latter was nearly two and one-third times that of the former.

The output of lard decreased in quantity, but increased in value from 1904 to 1909, while the value in 1909 of the products included under the head of "All other products" was nearly three times that in 1904, owing in a measure to the increased production of lard substitutes. The number of hides reported increased 102,236, or 37.6 per cent, from 1904 to 1909, and their value \$1,244,158, or 84.9 per cent.

Canning and preserving.—Although this industry in California dates from about 1875, its real importance and development did not commence until several years later. The value of its products, which in 1889 was \$6,621,931, more than doubled during each of the two following decades, amounting in 1909 to \$32,914,829. The quantity and value of the products, by classes, are given in the table in the next column for 1909, 1904, and 1899.

The case, which is used as the unit of measure for canned fruits and canned vegetables in the table, consists of 24 standard-size cans—No. 2 (also called 2-pound cans) for beans, peas, berries, cherries, and plums, and No. 3 (also called 3-pound cans) for all other fruits and vegetables. Where the output of fruits and vegetables has been reported in other forms by the canneries, the quantities so reported have been reduced to standard cases, as above specified.

California ranks first among the states in the production of canned asparagus, apricots, peaches, and pears, and of dried peaches and prunes; second in the production of canned sardines; and sixth in that of canned tomatoes. The state had a complete monopoly of the production of dried apricots and of raisins in the United States in 1909, neither of these products being reported from any other state.

The value of dried fruits constituted 49 per cent of the total value of products of the industry in 1909, as compared with 52.9 per cent in 1904 and 19.5 per cent in 1899. The increase in the value of the dried-fruit products during the decade 1899-1909 was 454.3 per cent, the greatest advance being from 1899 to 1904, when the gain was 374 per cent. The most important of the dried-fruit products, both in point of quantity and of value, were raisins and prunes. California reported the total output of raisins in the United States in 1909, as already stated, and 85.7 per cent of the total value of dried prunes produced.

Canned fruits, the second group of products in importance in respect to value, decreased, in relative importance during both five-year periods, although the value of the output has remained approximately the same. The proportion which the value of this class of products formed of the total for the industry was 22 per cent in 1909, 26.8 per cent in 1904, and 49.1 per cent in 1899. The value of the output in 1909 shows an increase of \$270,259, or 3.9 per cent, as compared with 1904; this increase, however, was not sufficient to make up for the decrease from 1899 to

1904, so that a decrease of \$91,717, or 1.2 per cent, is shown for the decade as a whole. The fruit most largely canned in 1909 was peaches, the value of which constituted 9.2 per cent of the total reported for the canning and preserving industry.

The value of the vegetables canned increased throughout the period covered by the table, the rate of increase from 1904 to 1909 being much higher than that during the preceding five-year period. The value of canned asparagus formed over half of the value of all canned vegetables reported for the state in 1909.

PRODUCT.	1909	1904	1899
Total value.....	\$32,914,829	\$26,083,228	\$14,640,882
Canned vegetables.....	\$3,470,621	\$2,366,661	\$2,274,037
Asparagus—			
Cases.....	197,692		
Value.....	\$1,794,346		
Beans—			
Cases.....	47,505	65,641	34,209
Value.....	\$57,059	\$133,494	\$56,797
Peas—			
Cases.....	123,349	63,142	72,760
Value.....	\$250,624	\$144,033	\$145,887
Pumpkins—			
Cases.....	10,941	18,852	1,033
Value.....	\$15,165	\$30,156	\$1,360
Tomatoes—			
Cases.....	636,837	541,776	794,566
Value.....	\$1,120,632	\$845,805	\$2,068,997
All other—			
Cases.....	64,480	286,172	148
Value.....	\$202,795	\$1,213,173	\$396
Canned fruits.....	\$7,248,342	\$6,978,083	\$7,340,059
Apples—			
Cases.....	67,710	31,286	25,287
Value.....	\$136,855	\$67,591	\$71,427
Apricots—			
Cases.....	627,701	532,038	531,598
Value.....	\$1,819,558	\$1,619,757	\$1,582,927
Berries—			
Cases.....	95,002	67,467	67,564
Value.....	\$171,965	\$108,640	\$218,733
Cherries—			
Cases.....	224,084	171,298	49,375
Value.....	\$491,575	\$457,169	\$155,813
Peaches—			
Cases.....	1,149,590	744,715	903,676
Value.....	\$3,013,203	\$2,640,524	\$3,103,775
Pears—			
Cases.....	433,796	524,197	444,343
Value.....	\$1,316,022	\$1,577,823	\$1,610,800
Plums—			
Cases.....	138,995	106,379	358,298
Value.....	\$230,384	\$349,307	\$586,484
All other—			
Cases.....	20,013	54,215	
Value.....	\$68,750	\$97,272	
Dried fruits:			
Founds.....	339,726,550	300,308,919	53,587,883
Value.....	\$16,137,716	\$13,800,601	2,911,520
Apples—			
Founds.....	6,960,170	811,254	3,087,220
Value.....	\$481,173	\$40,659	\$158,893
Apricots—			
Founds.....	29,205,569	19,559,573	5,310,217
Value.....	\$2,277,177	\$1,410,838	\$442,544
Peaches—			
Founds.....	48,827,391	25,845,364	5,502,360
Value.....	\$2,422,043	\$1,701,105	\$301,458
Prunes—			
Founds.....	118,917,876	114,580,431	24,102,329
Value.....	\$4,394,922	\$3,169,878	\$907,041
Raisins—			
Founds.....	111,774,767	121,409,881	14,984,221
Value.....	\$4,837,933	\$6,349,381	1,062,268
All other—			
Founds.....	26,140,777	18,102,416	601,506
Value.....	\$1,724,468	\$1,128,740	\$42,279
Fish and oysters:			
Founds.....	12,657,233	16,582,300	11,238,460
Value.....	\$1,156,881	\$1,011,222	\$796,637
Canned fish—			
Sardines—			
Founds.....	1,950,364	860,000	388,708
Value.....	\$238,607	\$75,000	\$78,860
All other—			
Founds.....	2,286,610	5,300,923	3,480,416
Value.....	\$357,601	\$378,524	\$262,808
Smoked fish—			
Founds.....	100,900	739,537	225,000
Value.....	\$14,680	\$71,088	\$9,000
Salted fish—			
Founds.....	8,289,359	9,681,540	7,144,336
Value.....	\$515,993	\$483,610	\$445,969
All other products.....	4,901,269	\$1,926,659	\$1,618,629

The canning and curing of fish and the canning of oysters and clams, constitute, in California, a minor branch of the canning and preserving industry. Of the 196 establishments reported for the industry in 1909, 15 canned or cured fish and canned oysters; 2 others canned oysters; and 1 canned clams. Sardines were the chief kind of fish canned, salmon was the leading variety smoked, and cod was the principal species salted.

It is worthy of note that over half of the value of products reported for the industry in the state in 1909 was returned by eight corporations having 38 plants which were reported as 33 establishments.

Flour-mill and gristmill products.—The following tabular statement gives the quantity and value of the various products of this industry for 1909, 1904, and 1899:

PRODUCT.	1909	1904	1899
Total value.....	\$25,188,133	\$20,202,542	\$13,045,260
Wheat flour:			
White—			
Barrels.....	1,774,958	2,468,358	
Value.....	\$10,209,567	\$10,579,131	
Graham—			
Barrels.....	30,290	31,141	
Value.....	\$166,134	\$132,540	
Corn meal and corn flour:			
Barrels.....	50,969	52,254	92,356
Value.....	\$222,399	\$215,845	\$215,213
Rye flour:			
Barrels.....	9,214	22,733	14,582
Value.....	\$45,145	\$105,946	\$43,641
Buckwheat flour:			
Pounds.....	133,328	352,382	552,000
Value.....	\$4,514	\$12,753	\$19,572
Hominy and grits:			
Pounds.....	736,669	987,983	3,097,560
Value.....	\$20,937	\$33,965	\$36,835
Feeds:			
Tons.....	336,431	228,069	111,944
Value.....	\$10,462,069	\$5,979,376	\$2,242,136
Offal:			
Tons.....	79,643	99,070	84,107
Value.....	\$2,056,372	\$2,067,448	\$1,155,775
All other products.....	\$2,000,996	\$1,185,598	\$1,463,639

Measured by value, the most important single product in 1909 was feed, the output of which more than trebled in quantity and considerably more than quadrupled in value during the decade 1899-1909. The greatest relative gains in both quantity and value, and the largest absolute gain in quantity, were from 1899 to 1904, but the largest absolute increase in value was from 1904 to 1909. Much of the feed made in California was from barley, the crop of which in 1909 was over four times as great as the wheat crop and exceeded the combined yield of all other cereals in the state.

Wheat flour was the second product in importance in 1909, having been displaced from first place since 1904 by feed. The output of this product decreased during both five-year periods, while its value increased from 1899 to 1904 and decreased slightly from 1904 to 1909. The proportion which the value of wheat flour formed of the total for all flour-mill and gristmill products in the state decreased from 60.3 per cent in 1899 to 52.5 per cent in 1904 and 41.2 per cent in 1909. These decreases are in a measure due to the in-

creasing quantities of wheat used in the manufacture of food preparations, the total value of which was \$5,508,000 in 1909, or nearly three and one-half times that in 1904.

The output of all other products shown separately in the table decreased in both quantity and value between 1904 and 1909, with the exception of corn meal and corn flour, for which a slight increase in value was reported.

The following tabular statement classifies the mills reporting wheat flour in 1909 and 1904 according to their output:

OUTPUT.	NUMBER OF MILLS.	
	1909	1904
Total.....	66	83
Less than 1,000 barrels.....	12	8
1,000 barrels but less than 5,000.....	22	31
5,000 barrels but less than 20,000.....	19	22
20,000 barrels but less than 100,000.....	9	18
100,000 barrels and over.....	4	4

The number of pairs of rolls in use in the industry increased from 1,146 in 1899 to 1,415 in 1904, but decreased to 1,215 in 1909. The number of runs of stone and steel burrs decreased from 148 in 1899 to 88 in 1904 and 57 in 1909.

Printing and publishing.—The number and the aggregate circulation of the different classes of newspapers and periodicals reported in 1909, 1904, and 1899 are shown in the following tabular statement:

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1909	1904	1899	1909	1904	1899
Total.....	854	845	656	3,025,250	2,627,234	1,448,656
Daily.....	166	148	117	902,752	669,556	475,596
Sunday.....	56	56	34	616,916	538,167	(?)
Biweekly.....	237	228	23	44,856	28,600	23,822
Weekly.....	495	487	397	730,424	769,155	618,146
Monthly.....	105	124	71	619,900	522,526	194,792
All other classes.....	15	22	14	110,402	39,230	136,300

¹ Included in circulation of dailies.

² Includes six triweekly publications.

³ Includes two triweekly publications.

The total number of publications and their aggregate circulation increased much more rapidly from 1899 to 1904 than from 1904 to 1909. The gain in number during the earlier five-year period, 1899-1904, was 189, and that in circulation 1,178,578, while during the five-year period following the corresponding increases were 9 and 398,016, respectively. The class of publications having the largest circulation in 1909 was the dailies, while in 1904 and in 1899 the weeklies had the largest circulation. The dailies also show the most pronounced absolute increase in circulation from 1904 to 1909, while the circulation of the weeklies decreased slightly during the same period. Of the 166 daily newspapers published in 1909, 65, with an aggregate circulation of 457,289, were morning papers.

The increase shown for the more recent five-year period in the circulation of the publications included under the head of "All other classes" was due to the fact that a religious periodical of large circulation which was not classed as a periodical in 1904 was reported as a quarterly in 1909, and to the inclusion in 1909 of a semimonthly agricultural magazine which was not reported in 1904. This class, in 1909, included six semimonthly, five bimonthly, and four quarterly publications.

The number and aggregate circulation of the different classes of newspapers and periodicals printed respectively in English and in foreign languages are shown in the following table:

PERIOD OF ISSUE.	TOTAL.		IN ENGLISH.		IN FOREIGN LANGUAGES. ¹	
	Num-ber.	Aggregate circulation per issue.	Num-ber.	Aggregate circulation per issue.	Num-ber.	Aggregate circulation per issue.
Total	854	3,025,250	800	2,890,888	54	134,364
Daily.....	166	902,752	153	854,119	13	48,633
Sunday.....	36	616,916	32	592,913	4	24,003
Semiweekly and triweekly..	37	44,856	35	40,156	2	4,700
Weekly.....	495	730,424	463	694,246	30	30,178
Monthly.....	105	619,900	101	599,600	4	20,300
Quarterly.....	4	60,277	4	60,277	0	0
All other classes.....	11	50,125	10	49,375	1	21,050

¹ Including those publications which were printed in English and also in one or more foreign languages.

Of the 13 dailies printed in foreign languages, 6 were printed in Japanese, 3 in Chinese, 2 in Italian, and 1 each in German and in French, while 3 of the 4 Sunday editions were in Japanese, and the other was in German. Both the semiweekly and the triweekly were in Italian, 3 of the 4 monthlies were in Portuguese and the other in Swedish, while the bimonthly periodical shown under the head of "All other classes" was in Armenian and English. Of the 30 weekly publications in foreign languages, 8 were printed in German, 6 in Italian, 5 in Portuguese, 3 in Spanish, 2 each in French and in Greek, and 1 each in Danish, Swedish, Croatian, and Servian. Of the 16 newspapers and periodicals in Japanese reported for the United States in 1909, 9 were published in California.

Petroleum, refining.—In the production of crude petroleum California leads all other states in the Union, and its refineries were supplied entirely from the native product. In 1909 the output of crude oil in the state was reported as 54,433,010 barrels, valued at \$30,675,267, these figures representing 29.9 per cent of the total quantity and 23.9 per cent of the total value of crude oil produced in the United States. A large part of the California oils are heavy and useful mainly for the production of asphalt, as they have an asphaltum rather than a paraffin basis. The total number of refineries in the state increased from 4 in 1899 to 19 in 1904 and 29 in 1909.

The following table shows the quantity and cost of materials used in the refineries of the state, the quantity and value of the principal products, and the main equipment reported for 1909, 1904, and 1899:

MATERIAL, PRODUCT, AND EQUIPMENT.	1909	1904	1899
Materials used, total cost	\$13,897,721	\$4,130,809	\$483,989
Crude petroleum:—			
Barrels (42 gallons).....	13,481,085	4,369,600	339,863
Cost.....	\$10,105,341	\$3,431,754	\$405,150
Containers.....	\$856,894	\$131,404	\$7,439
All other materials.....	\$2,935,486	\$567,651	\$75,400
Products, total value	\$17,878,006	\$5,748,558	\$697,877
Oils:—			
Illuminating—			
Barrels (50 gallons).....	1,728,863	647,094	45,849
Value.....	\$5,047,759	\$2,023,738	\$170,066
Fuel (including gas oils)—			
Barrels.....	3,931,366	731,215	84,240
Value.....	\$3,862,603	\$618,178	\$98,237
Lubricating—			
Barrels.....	186,672	54,018	2,052
Value.....	\$1,137,661	\$221,760	\$10,262
Naphtha and gasoline (including gas naphtha)—			
Barrels.....	628,804	238,015	57,995
Value.....	\$3,256,209	\$926,063	\$201,209
All other products.....	\$4,573,774	\$1,958,859	\$218,103
Equipment:			
Stills, number.....	237	106	37
Heated by steam—			
Number.....	28	14	9
Capacity (barrels of 42 gallons).....	4,934	(¹)	(¹)
Heated by superheated steam—			
Number.....	1		6
Capacity (barrels of 42 gallons).....	200		(¹)
Heated by fire—			
Number.....	208	92	22
Capacity (barrels of 42 gallons).....	156,939	(¹)	(¹)
Agitators, number.....	56	47	7
Hydraulic or other presses, number.....	7	2	2
Storage tanks:—			
For crude petroleum—			
Number.....	165	43	12
Capacity, gallons.....	29,037,397	12,439,724	(¹)
For refined petroleum—			
Number.....	636	375	62
Capacity, gallons.....	55,413,986	49,410,383	(¹)
Cooper shops, number.....	8	11	2
Tin shops, number.....	1	2	1

¹ Figures not available.

The output of fuel oils (including gas oils) refined in 1909 was greater than the combined output of all other products shown separately, forming 60.7 per cent of the total output of oils. The corresponding proportion for 1904 was 43.8 per cent and for 1899, 44.3 per cent. The fuel oils produced in California represented 11.6 per cent of the total output of fuel oils in the United States in 1909. Illuminating oils, the next product in importance, show a decided increase from census to census. The proportion which this latter class of oils formed of the total output of oils increased from 24.1 per cent in 1899 to 38.8 per cent in 1904, but decreased to 26.7 per cent in 1909.

In addition to the products shown separately in the table, a number of other products were reported, the most important being oil asphaltum, the output of which in 1909 was 139,473 tons of 2,000 pounds. No comparative figures, however, are available, as prior to 1909 this product was not reported separately. There was a great increase from 1899 to 1904 in the quantity of residuum or tar reported, but in 1909 the amount was very much reduced. Considerable quantities of

fuel and other distillates and some liquid asphalt were also reported in 1909.

The great increase in the industry is also reflected in the increase in equipment, such as stills, storage tanks, and agitators.

Butter, cheese, and condensed milk.—While this industry shows a decided increase in value of products for each of the five-year periods covered by the table, the number of establishments, as shown in Table I, page 698, though increasing considerably from 1899 to 1904, decreased 42.7 per cent from 1904 to 1909. The decrease is due entirely to a change in the manner of conducting the industry. In 1904 there were a number of local creameries which have since been abandoned or else are now used simply as collecting depots, from which the milk and cream are shipped to large central plants. In 1909 only one establishment in the industry was engaged primarily in the manufacture of condensed milk, whereas six were reported as so engaged in 1904 and two in 1899.

The following table gives the quantity and value of the chief products for 1909, 1904, and 1899:

PRODUCT.	1909	1904	1899
Total value	\$12,760,670	\$7,820,937	\$3,682,942
Butter:			
Pounds.....	37,283,450	26,837,386	13,147,137
Value.....	\$11,644,453	\$6,640,845	\$2,854,632
Packed solid—			
Pounds.....	7,764,696	3,079,637	2,983,262
Value.....	\$2,388,265	\$742,929	\$584,478
Prints or rolls—			
Pounds.....	29,518,754	23,766,749	10,163,875
Value.....	\$9,256,188	\$5,897,916	\$2,270,154
Cream sold:			
Pounds.....	2,674,825	921,334	1,036,600
Value.....	\$411,473	\$132,277	\$120,283
Cheese, full cream:			
Pounds.....	1,667,640	3,601,051	2,676,543
Value.....	\$252,582	\$425,231	\$279,125
All other products.....	\$452,162	\$622,554	\$328,902

¹ Includes, in 1909, 123,000 pounds of part-cream cheese, valued at \$13,296; in 1904, 174,065 pounds of "other kinds," valued at \$26,375; and, in 1899, 251,838 pounds of "other kinds," valued at \$34,615.

The total quantity of butter manufactured in the state during 1909 was 37,283,450 pounds, an increase of 38.9 per cent as compared with 1904 and of 183.6 per cent as compared with 1899. The value of butter represented 91.3 per cent of the total value of all products reported for the industry in 1909, as compared with \$4.9 per cent in 1904 and 79.7 per cent in 1899. Although by far the largest part of the butter manufactured was in prints and rolls, there were large relative increases from 1904 to 1909 in the quantity and value of butter packed solid, amounting to 152.9 per cent and 221.5 per cent, respectively.

The output of cheese increased decidedly in both quantity and value from 1899 to 1904, but the totals shown for 1909 were less than those presented for 1899. These decreases are no doubt due in part to the increasing practice of separating the cream on the farm, as it is now more profitable to sell the separated cream to the butter factories. The greater profit resulting from the sale of milk to the dealers in the

cities may also have been a factor in the decrease referred to.

Leather, tanned, curried, and finished.—The quantity and cost of the materials used and the quantity and value of the principal products reported for this industry are shown separately for 1909, 1904, and 1899 in the following table:

MATERIAL OR PRODUCT.	1909	1904	1899
Materials used, total cost	\$7,039,453	\$6,912,140	\$5,809,428
Cattle hides:			
Number.....	611,421	634,417	585,186
Cost.....	\$4,300,834	\$3,528,424	\$3,207,362
Calf and kip skins:			
Number.....	113,449	107,834	122,167
Cost.....	\$302,613	\$138,172	\$138,507
Goatskins:			
Number.....	20,724	20,022	27,052
Cost.....	\$10,601	\$13,814	\$12,000
Sheepskins:			
Number.....	1,328,712	1,510,067	1,351,579
Cost.....	\$926,139	\$829,275	\$890,014
All other skins:			
Number.....	82,047	112,720	196,319
Cost.....	\$77,921	\$82,774	\$147,280
Rough leather, purchased.	\$44,020	\$113,160	\$434,214
All other materials.....	\$1,377,425	\$1,206,521	\$979,851
Products, total value	\$9,366,545	\$8,072,257	\$7,405,981
Leather:			
Sole—			
Number.....	\$8,237,323	\$7,196,516	\$6,659,482
Sides.....			
Value.....			
Number.....	472,236	575,393	656,063
Value.....	\$3,100,226	\$2,971,579	\$2,532,988
Oak—			
Number.....	429,716	575,393	556,063
Value.....	\$2,940,734	\$2,971,579	\$2,532,988
Chrome—			
Sides.....	42,530		
Value.....	\$159,452		
Upper, other than calf or kip skins... Grain, satin, pebble, etc. (side leather)—	\$112,601	\$102,303	\$150,473
Number.....	24,268	22,780	60,603
Sides.....	\$83,776	\$69,680	\$139,572
Value.....			
Finished splits—			
Number.....	42,600	83,832	7,520
Value.....	\$28,825	\$32,623	\$10,901
Horsehides:			
Number.....	9,427	3,600	
Value.....	\$34,757	\$12,600	
Calf and kip skins, tanned and finished—			
Number.....	127,852	106,571	122,152
Value.....	\$408,957	\$241,728	\$195,124
Flesh:			
Number.....	5,583	68,688	85,000
Value.....	\$16,084	\$142,749	\$141,529
Grain:			
Number.....	122,269	37,883	37,152
Value.....	\$392,873	\$98,979	\$53,595
Goatskins—			
Number.....	10,360	3,000	6,400
Value.....	\$24,294	\$12,000	\$6,040
Sheepskins, tanned and finished—			
Number.....	601,802	1,012,816	1,135,250
Value.....	\$237,476	\$341,262	\$318,900
Harness:			
Sides.....	383,264	339,041	379,323
Value.....	\$2,571,122	\$1,904,647	\$1,976,755
Glove.....	\$733,587	\$530,480	\$525,507
Rough leather sold.....	\$210,051	\$352,799	\$309,405
All other.....	\$804,252	\$727,118	\$544,290
All other products.....	\$1,900,436	\$867,855	\$843,710
Amount received for work on materials for others.....	\$38,786	\$7,886	\$2,789

Untanned cattle hides constituted the principal material at each census, their value forming 61.1 per cent of the total reported for all materials in 1909, as against 59.7 per cent in 1904 and 55.2 per cent in 1899. The number of hides used increased 8.4 per cent from 1899 to 1904, but decreased slightly from 1904 to 1909. The number of calf and kip skins used in 1909 was somewhat larger than in 1904, and the number of goatskins also shows a slight increase; large decreases were, however, reported in the number of sheepskins and of the skins included under the head

of "All other skins." Each kind of skins used shows a decrease in 1909 as compared with 1899. There was also a pronounced decrease during the decade in both the quantity and cost of leather purchased in the rough for currying.

Measured by value, the most important individual class of products at each of the three censuses was oak sole leather, the output of which increased slightly in both quantity and value from 1899 to 1904, but decreased in both respects during the period from 1904 to 1909. The product next in importance was harness leather, which shows a decrease in both quantity and value of output from 1899 to 1904, but an increase in both respects during the next five years. Pronounced increases from 1904 to 1909 are shown for tanned and finished grain calf and kip skins, while decided decreases during the same period are shown for tanned and finished sheepskins and in the value of rough leather sold.

Laundries.—Statistics for steam laundries are not included in the general tables, or in the totals for manufacturing industries. In 1909 there were 321 such establishments in California, 87 of which were in San Francisco, 41 in Oakland, 31 in Los Angeles, and 10 in Sacramento.

The following statement summarizes the statistics:

Number of establishments.....	321
Persons engaged in the industry.....	9,060
Proprietors and firm members.....	308
Salaried employees.....	714
Wage earners (average number).....	8,038
Primary horsepower.....	8,961
Capital.....	\$6,295,915
Expenses.....	8,177,759
Services.....	5,260,743
Materials.....	1,612,112
Miscellaneous.....	1,304,904
Amount received for work done.....	9,541,795

Of the 321 establishments reporting, 146 were operated by individuals, 66 by firms, and 109 by corporations. Sixty-five establishments had receipts for the year's business of less than \$5,000; 130, receipts of \$5,000 but less than \$20,000; 107, receipts of \$20,000 but less than \$100,000; and 19, receipts of \$100,000 but less than \$1,000,000.

The number of wage earners employed each month and the percentage which this number represented of the greatest number employed in any month were as shown in the next table.

MONTH.	WAGE EARNERS.		MONTH.	WAGE EARNERS.	
	Number.	Per cent of maximum.		Number.	Per cent of maximum.
January.....	7,632	91.2	July.....	8,366	100.0
February.....	7,560	90.4	August.....	8,277	98.9
March.....	7,828	93.6	September.....	8,350	99.8
April.....	7,911	94.6	October.....	8,209	98.1
May.....	7,985	95.4	November.....	8,118	97.0
June.....	8,107	96.9	December.....	8,116	97.0

The different kinds of primary power, the number of engines or motors, and the horsepower used in 1909 are shown in the following tabular statement:

KIND.	Number of engines or motors.	Horsepower.
Primary power, total.....		8,961
Owned:		
Steam.....	202	7,504
Gas.....	3	15
Water wheels.....	5	150
Water motor.....	1	10
Rented:		
Electric.....	235	1,224
Other.....		58

The kind and amount of fuel used are shown in the following statement:

KIND.	Unit.	Quantity.
Anthracite coal.....	Tons.....	222
Bituminous coal.....	Tons.....	2,646
Coke.....	Tons.....	19
Wood.....	Cords.....	3,496
Oil.....	Barrels.....	270,010
Gas.....	1,000 feet.....	50,267

Custom sawmills and gristmills.—Statistics for custom gristmills are not included in the general tables or in the totals for manufacturing industries, but are presented in the following summary. Statistics can not be shown for custom sawmills without disclosing the operations of the one establishment reported.

	Custom gristmills.
Number of establishments.....	12
Persons engaged in the industry.....	28
Proprietors and firm members.....	9
Salaried employees.....	19
Wage earners (average number).....	15
Primary horsepower.....	518
Capital.....	\$15,411
Expenses.....	525,697
Services.....	11,663
Materials.....	1,503,559
Miscellaneous.....	10,475
Value of products.....	1,572,597

¹ Includes estimate of all grain ground.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899.
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.					Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaried employees.	Wage earners (average number).	Wage earners (average number).							
STATE—All industries	1899	7,859	141,576	8,077	18,203	115,298	329,100	\$537,134	\$22,955	\$84,142	\$325,238	\$529,761	\$204,523	
	1904	6,839	120,040	7,402	12,283	110,355	210,359	282,647	14,399	64,687	215,728	387,218	151,452	
	1899	4,997	.....	.....	6,877	77,224	126,953	175,488	7,495	39,890	164,894	257,386	92,492
Agricultural implements	1909	25	749	19	108	622	1,186	2,359	123	451	1,741	2,670	1,229	
	1904	25	585	19	87	479	583	2,240	99	349	724	1,454	750	
	1899	20	655	12	81	562	689	1,852	75	322	539	1,353	819	
Artificial stone	1909	66	434	71	43	320	247	448	36	239	220	643	423	
	1904	22	227	19	28	180	87	262	20	122	130	329	199	
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Automobiles, including bodies and parts	1909	41	589	50	61	478	305	701	71	368	700	1,470	770	
	1904	6	21	4	3	14	32	49	5	10	13	36	23	
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Babbitt metal and solder	1909	5	81	.....	29	52	91	547	67	40	847	1,120	273
	1904	4	57	3	17	37	72	256	29	27	390	731	131	
	1899	4	46	4	8	34	.....	176	11	23	464	551	87
Boots and shoes, including cut stock and findings	1909	18	840	76	69	685	369	1,192	89	462	1,120	1,924	804	
	1904	24	817	59	50	708	246	1,157	51	389	1,000	1,724	734	
	1899	34	1,151	88	63	1,000	.....	1,262	56	460	1,103	1,862	759
Boxes, fancy and paper	1909	19	703	10	69	624	405	731	86	271	442	965	523	
	1904	16	478	12	33	433	105	430	36	152	241	524	283	
	1899	13	330	20	14	296	.....	153	11	96	134	329	195
Brass and bronze products	1909	29	259	28	36	185	261	338	42	181	225	679	384	
	1904	22	465	21	56	388	223	780	76	260	942	1,221	619	
	1899	16	391	19	27	345	.....	779	34	219	400	811	411
Bread and other bakery products	1909	664	5,801	1,077	706	4,018	2,517	8,056	663	3,075	10,377	17,710	7,333	
	1904	615	3,808	737	293	2,778	898	3,327	214	1,901	5,756	10,619	4,863	
	1899	359	2,165	423	194	1,548	.....	1,665	110	836	2,624	4,877	2,253
Brick and tile	1909	78	1,879	35	141	1,703	8,972	9,169	162	1,146	952	2,756	1,804	
	1904	69	1,504	46	101	1,357	5,967	3,929	102	835	664	1,916	1,581	
	1899	56	825	60	45	720	1,468	1,205	43	333	166	834	668	
Butter, cheese, and condensed milk	1909	161	918	119	202	597	2,496	2,829	202	466	11,149	12,761	1,621	
	1904	251	997	269	123	603	3,626	2,107	73	414	4,609	4,361	1,361	
	1899	178	629	137	90	402	.....	1,157	47	203	2,981	3,583	602
Canning and preserving	1909	196	8,714	148	809	7,757	7,453	18,316	1,080	3,454	24,069	32,915	8,906	
	1904	236	8,510	160	811	7,739	4,835	11,157	797	2,806	18,655	26,083	7,425	
	1899	183	.....	.....	349	8,200	.....	5,511	842	2,257	10,145	14,941	4,796
Carriages and wagons and materials	1909	155	1,015	183	70	760	957	1,635	74	610	849	2,652	1,203	
	1904	198	1,277	248	43	980	1,782	1,730	51	572	352	2,352	1,599	
	1899	193	.....	.....	37	923	.....	1,603	44	502	776	1,976	1,200
Cars and general shop construction and repairs by steam-railroad companies	1909	42	9,688	.....	346	9,342	7,877	4,721	379	8,394	9,549	18,719	9,170
	1904	28	8,522	.....	271	8,251	4,733	4,047	312	6,033	8,221	14,826	6,585
	1899	29	5,039	.....	119	4,920	3,162	4,430	142	3,507	3,826	7,554	3,729
Cars and general shop construction and repairs by street-railroad companies	1909	21	2,092	.....	100	1,992	2,655	2,139	97	1,676	1,152	3,009	1,857
	1904	3	943	.....	91	852	235	144	94	672	461	1,228	767
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cement	1909	8	2,521	.....	114	2,407	28,592	24,014	195	1,659	2,182	6,594	4,322
	1904	4	628	.....	32	596	5,351	4,856	89	226	.....	1,601	937
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chemicals	1909	13	294	2	48	244	1,208	2,788	66	168	762	1,306	544	
	1904	15	303	3	41	259	1,060	1,899	44	159	819	1,124	424	
	1899	21	463	11	62	390	.....	1,845	70	230	1,406	2,061	655
Clothing, men's, including shirts	1909	74	2,859	272	202	2,385	549	2,258	201	1,050	2,586	5,121	2,226	
	1904	38	3,199	287	144	2,768	371	1,549	199	1,146	2,763	5,223	1,452	
	1899	108	.....	.....	102	2,988	.....	1,293	97	945	2,710	4,721	2,011
Clothing, women's	1909	64	1,187	313	93	791	137	643	100	359	876	1,672	796	
	1904	55	1,275	231	63	977	96	537	58	424	1,083	1,745	832	
	1899	59	1,560	182	67	1,311	.....	692	51	437	1,008	1,981	973
Coffee and spice, roasting and grinding	1909	44	707	27	328	352	1,123	3,324	532	245	4,617	6,492	1,875	
	1904	45	627	42	254	331	916	3,221	196	243	3,513	4,682	1,432	
	1899	40	483	48	163	267	.....	1,657	212	158	2,315	3,136	821
Confectionery	1909	89	1,410	102	306	1,002	582	2,123	271	459	2,138	3,624	1,436	
	1904	93	1,564	105	222	1,234	967	1,810	216	533	1,647	3,506	1,859	
	1899	36	.....	.....	157	711	.....	811	106	220	904	1,790	886
Cooperage and wooden goods, not elsewhere specified	1909	38	502	40	46	416	1,192	1,547	67	323	1,579	2,167	588	
	1904	31	527	28	32	467	526	798	47	347	1,134	1,718	584	
	1899	33	434	36	13	385	.....	471	15	247	948	1,413	465
Copper, tin, and sheet-iron products	1909	233	2,511	117	256	1,938	1,367	7,180	319	1,659	3,565	6,594	3,239	
	1904	123	2,279	147	132	2,000	625	6,657	238	1,209	3,088	5,938	2,650	
	1899	53	.....	.....	78	1,780	.....	2,669	84	576	3,508	5,285	1,777
Electrical machinery, apparatus, and supplies	1909	27	540	11	94	435	442	779	102	240	928	1,613	685	
	1904	24	521	6	112	403	278	716	113	244	434	1,004	570	
	1899	11	272	5	29	238	.....	181	29	130	359	656	197

¹ Not reported separately.

² Excluding statistics for one establishment, to avoid disclosure of individual operations.

³ Figures can not be shown without disclosing individual operations.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaries employ-ees.	Wage earners (average number).							
Expressed in thousands.													
STATE—Continued.													
Fertilizers.....	1909	15	278	1	51	226	1,579	\$2,097	\$72	\$155	\$1,796	\$2,313	\$517
	1904	14	165	10	35	123	852	904	39	69	519	894	375
	1899	8	89	3	16	70	415	648	20	40	483	671	188
Firearms and ammunition.....	1909	5	192	.....	36	156	327	2,169	52	83	1,167	1,577	410
	1904	4	141	.....	24	117	235	499	24	58	510	780	270
	1899	5	142	.....	11	130	.....	415	18	61	491	652	161
Flour-mill and gristmill products.....	1909	125	1,392	82	362	948	11,545	13,424	514	732	21,892	25,188	3,296
	1904	122	1,300	94	317	889	11,004	11,467	443	659	17,132	20,203	3,071
	1899	107	.....	.....	195	857	10,015	6,493	269	525	11,023	13,045	2,022
Food preparations.....	1909	129	1,108	171	221	716	1,959	3,332	227	406	3,970	5,508	1,538
	1904	75	661	122	110	429	659	846	87	190	938	1,587	649
	1899	58	.....	.....	39	302	.....	469	30	138	678	1,151	473
Foundry and machine-shop products.....	1909	543	10,218	470	1,371	8,377	17,253	28,693	1,832	7,312	12,901	26,731	13,830
	1904	388	7,770	368	814	6,583	7,849	16,125	1,091	4,913	7,382	17,595	10,213
	1899	296	.....	.....	527	5,173	.....	8,471	602	3,332	5,915	13,023	7,108
Furnishing goods, men's.....	1909	11	187	14	39	134	16	318	35	67	457	721	264
	1904	6	114	10	12	92	8	60	10	37	167	274	107
	1899	14	.....	.....	53	578	.....	271	38	129	361	656	245
Furniture and refrigerators.....	1909	129	1,978	124	201	1,653	2,333	3,062	226	1,507	1,858	4,496	2,638
	1904	90	1,281	85	102	1,194	1,748	2,451	114	857	1,290	2,834	1,544
	1899	40	791	50	57	684	.....	543	43	365	584	1,268	684
Gas and electric fixtures and lamps and reflectors.....	1909	41	785	31	201	553	540	1,743	232	446	750	1,715	965
	1904	12	307	11	52	244	156	408	49	169	193	500	307
	1899	14	281	13	51	217	.....	442	61	128	185	499	314
Gas, illuminating and heating.....	1909	74	2,538	1	871	1,666	7,502	47,075	824	1,408	2,604	8,927	6,323
	1904	53	1,303	1	454	848	3,606	31,286	391	650	1,184	5,412	4,228
	1899	41	910	.....	208	707	.....	20,487	229	497	896	3,162	2,206
Gloves and mittens, leather.....	1909	23	717	21	126	570	58	1,039	129	267	558	1,231	673
	1904	22	588	21	51	516	43	604	47	223	459	911	452
	1899	23	717	30	65	622	40	433	53	225	437	921	484
Ice, manufactured.....	1909	77	354	35	153	666	9,971	7,781	212	572	564	2,331	1,707
	1904	54	317	35	67	415	5,788	3,550	71	335	299	1,307	1,008
	1899	20	261	7	64	190	1,983	1,306	63	132	120	511	391
Iron and steel, steel works and rolling mills.....	1909	5	1,085	.....	47	1,038	3,945	2,646	81	829	2,348	3,520	1,172
	1904	4	808	.....	35	773	2,618	1,110	53	492	779	1,489	710
	1899	3	573	.....	18	555	2,056	1,499	22	327	507	901	394
Jewelry.....	1909	58	797	165	58	574	324	462	65	477	664	1,557	893
	1904	49	606	127	34	445	161	331	38	375	682	1,447	765
	1899	21	.....	.....	16	221	.....	186	17	160	400	693	293
Leather goods.....	1909	88	946	79	157	710	321	1,945	148	458	1,101	2,244	1,143
	1904	97	973	99	99	775	357	2,075	112	488	1,016	2,125	1,109
	1899	64	.....	.....	87	764	.....	1,256	74	366	915	1,703	788
Leather, tanned, curried, and finished.....	1909	40	1,547	20	129	1,398	3,534	8,535	215	988	7,039	9,367	2,328
	1904	49	1,670	39	116	1,515	3,291	6,368	184	945	5,912	8,072	2,160
	1899	45	1,577	48	75	1,454	2,152	4,820	106	871	5,809	7,406	1,597
Lime.....	1909	15	459	12	37	410	558	1,381	55	234	212	609	397
	1904	13	392	4	32	356	95	1,253	43	173	161	572	411
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Liquors, distilled.....	1909	33	264	26	45	193	1,360	2,476	56	128	835	5,353	4,518
	1904	28	131	18	37	76	683	1,028	36	50	375	1,165	790
	1899	8	29	9	.....	20	.....	77	.....	6	191	238	47
Liquors, malt.....	1909	83	1,626	43	282	1,296	8,867	18,804	545	1,391	2,559	9,319	6,760
	1904	97	1,511	92	214	1,205	5,924	10,925	355	1,145	2,250	7,511	5,261
	1899	99	1,180	105	125	950	3,605	8,183	213	753	1,277	5,085	3,808
Liquors, vinous.....	1909	181	1,691	157	247	1,287	5,314	20,189	429	682	4,674	8,937	4,263
	1904	273	1,588	240	202	1,146	5,067	10,181	230	656	3,669	6,689	3,020
	1899	187	804	172	106	526	.....	4,659	124	225	2,527	3,938	1,411
Lumber and timber products.....	1909	644	25,079	547	1,597	22,935	94,914	55,165	2,237	15,651	18,369	45,000	26,631
	1904	582	20,612	545	1,148	18,919	71,011	37,904	1,432	12,789	11,529	34,615	23,086
	1899	438	.....	.....	599	13,285	44,129	19,280	666	6,643	8,092	20,304	12,212
Marble and stone work.....	1909	125	1,724	155	154	1,415	3,562	3,145	210	1,241	1,183	3,380	2,197
	1904	69	992	84	71	837	1,324	1,814	83	807	1,005	2,395	1,390
	1899	48	.....	.....	39	566	723	1,009	44	413	308	1,122	754
Mattresses and spring beds.....	1909	35	671	25	118	528	727	1,351	149	361	1,243	2,164	921
	1904	31	520	34	63	423	336	592	65	237	475	1,010	535
	1899	10	.....	.....	16	128	.....	129	20	54	230	414	184
Paint and varnish.....	1909	35	530	14	120	396	1,387	2,675	158	275	2,652	3,758	1,106
	1904	22	395	13	89	293	614	1,617	86	201	1,078	2,370	692
	1899	14	227	11	39	177	614	1,022	48	108	942	1,259	317

1 Excluding statistics for one establishment, to avoid disclosure of individual operations.
 2 Excluding statistics for two establishments, to avoid disclosure of individual operations.
 3 Not reported separately.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY.	Census	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaried employes.	Wage earners (average number).							
STATE—Continued.													
Paper and wood pulp	1909	4	340	2	26	312	7,163	\$2,068	\$36	\$207	\$440	\$969	\$529
	1904	3	273			259	3,808	1,176	20	181	274	640	366
	1899												
Patent medicine and compounds and druggists' preparations.	1909	89	574	56	208	310	347	994	212	148	639	1,549	910
	1904	89	548	64	140	344	124	905	162	175	533	1,445	912
	1899	52			102	364		950	95	178	754	1,562	808
Petroleum, refining	1909	29	1,146	4	212	930	5,630	13,881	367	801	13,898	17,878	3,980
	1904	19	840		162	678	1,283	5,453	212	477	4,131	5,749	1,618
	1899	4	72		19	53	180	478	40	62	400	698	208
Pottery, terra-cotta, and fire-clay products.	1909	26	1,167	12	128	1,027	2,856	3,545	184	641	495	1,797	1,292
	1904	22	941	10	71	860	2,195	3,484	99	555	396	1,761	1,365
	1899	18	448	16	41	391	1,084	1,307	59	246	261	751	491
Printing and publishing	1909	1,240	12,215	1,151	3,508	7,556	7,674	17,198	3,829	6,432	6,327	25,032	18,705
	1904	1,091	10,444	1,052	2,312	7,080	5,238	11,746	2,315	5,182	4,625	19,127	14,602
	1899	783			1,048	4,957		7,037	1,060	3,001	2,606	10,586	7,980
Salt	1909	19	469	22	45	402	1,228	2,023	56	212	242	746	504
	1904	26	376	25	38	313	756	1,277	34	138	120	429	309
	1899	24	332	28	37	267		758	37	110	117	380	263
Slaughtering and meat packing.	1909	94	2,135	111	383	1,641	3,867	11,463	550	1,307	28,448	34,280	5,832
	1904	76	1,659	84	288	1,287	2,093	4,879	351	914	18,752	22,013	3,261
	1899	64			182	939		3,952	255	553	13,616	15,817	2,201
Stoves and furnaces, including gas and oil stoves.	1909	17	266	11	40	215	152	413	43	174	206	514	308
	1904	7	189	7	15	167	138	156	13	90	98	279	181
	1899												
Sulphuric, nitric, and mixed acids.	1909	6	247		30	217	735	2,614	57	173	740	1,161	421
	1904	4	238		21	237	616	1,525	44	158	596	915	319
	1899												
Tobacco manufactures	1909	332	2,189	613	111	1,465	71	1,622	133	857	1,217	3,360	2,143
	1904	379	2,552	695	72	1,785	22	1,245	66	823	1,097	3,192	2,035
	1899	231	1,628	346	47	1,235		756	55	493	741	1,888	1,147
All other industries.	1909	976	17,949	995	2,613	14,341	50,707	153,969	3,761	10,603	98,545	131,833	33,288
	1904	932	18,378	965	2,120	15,243	40,220	51,664	2,758	10,008	72,667	97,731	25,664
	1899	813			1,297	13,672		48,720	1,553	7,778	67,563	87,403	19,900

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

LOS ANGELES—All industries.	1899	1,325	21,876	1,181	3,367	17,327	33,168	\$59,518	\$3,912	\$12,588	\$38,913	\$68,586	\$29,673
	1904	814	13,189	761	2,004	10,434	18,897	28,181	1,897	7,068	18,689	34,314	18,126
	1899	534			717	5,173		10,045	671	2,600	8,088	15,134	7,048
Artificial stone	1899	8	97	11	6	80	15	70	9	66	31	147	116
	1904	3	78		9	69		100	9	43	52	129	77
	1899												
Boots and shoes, including cut stock and findings.	1899	4	38	3	4	31	44	62	6	24	35	75	40
	1904	3	10			7		4		3	5	14	9
	1899												
Brass and bronze products	1899	8	70	7	8	55	99	86	12	46	60	192	132
	1904	4	38	5	6	47		34	6	28	39	106	67
	1899												
Bread and other bakery products	1899	159	1,445	176	163	1,106	901	1,887	200	792	2,870	4,670	1,800
	1904	75	538	88	58	412		531	59	1,027	1,744	3,163	1,117
	1899	51	307	59	40	208		239	21	111	331	660	329
Brick and tile	1899	8	412		21	391	1,451	1,433	32	215	233	658	425
	1904	7	411		7	21	383	713	23	202	163	477	374
	1899	6	123	5	8	110		169	7	43	21	111	90
Brooms and brushes	1899	8	63	8	3	52	26	116	2	28	86	151	65
	1904	4	4			43		43		22	44	84	40
	1899	4	38	3	3	32		25	3	13	34	57	23
Butter, cheese, and condensed milk	1899	4	61		17	44	168	172	20	36	1,307	1,417	410
	1904	5	86		5	33		202	6	42	558	677	119
	1899	3	35	3	8	24		37	6	13	206	250	44
Canning and preserving	1899	21	479	20	50	406	471	963	64	175	771	1,255	484
	1904	14	368	7	47	314		639	61	117	621	821	300
	1899	7			14	370		224	14	88	382	556	174
Carriages and wagons and materials	1899	23	195	24	11	160	102	305	8	119	252	481	229
	1904	16	144	19	5	120		73	3	84	104	305	201
	1899	10				81		49		36	55	126	71
Cars and general shop construction and repairs by steam-railroad companies.	1899	4	1,938		51	1,887	1,083	741	58	1,632	1,601	3,362	1,761
	1904	3	1,437		33	1,494		957	40	1,159	934	1,550	1,216
	1899	3	538		21	637		349	28	392	280	715	435

¹ Figures can not be shown without disclosing individual operations.

² Excluding statistics for one establishment, to avoid disclosure of individual operations.

³ Not reported separately.

⁴ Excluding statistics for two establishments, to avoid disclosure of individual operations.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaried employes.	Wage earners (average number).							
			Expressed in thousands.										
LOS ANGELES—Continued.													
Clothing, men's, including shirts.....	1909	15	505	19	34	452	99	\$229	\$32	\$156	\$486	\$322	\$336
	1904	19	258	12	8	238	29	29	6	89	165	299	134
	1899	19	178	17	6	155	.....	20	4	40	215	322	107
Clothing, women's.....	1909	12	199	15	23	161	42	131	26	72	154	321	167
	1904	4	59	7	10	42	.....	16	7	24	41	88	47
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Coffee and spice, roasting and grinding.	1909	11	164	6	68	90	241	700	85	67	802	1,150	348
	1904	9	62	11	10	41	.....	200	12	29	347	497	150
	1899	8	38	9	8	21	.....	112	7	9	181	245	64
Confectionery.....	1909	11	163	11	32	120	30	158	29	48	204	343	139
	1904	13	394	17	39	338	.....	568	55	150	533	954	421
	1899	13	.....	.....	41	215	.....	290	37	71	361	667	306
Cooperage and wooden goods, not elsewhere specified.	1909	6	44	7	4	33	89	113	6	25	106	139	33
	1904	3	55	1	4	50	.....	64	5	28	171	232	61
	1899	3	36	4	1	31	.....	48	1	19	71	133	62
Copper, tin, and sheet-iron products....	1909	53	439	50	28	352	147	688	38	250	611	1,124	513
	1904	124	243	30	12	201	.....	269	12	150	244	515	271
	1899	114	.....	.....	12	293	.....	411	15	115	434	707	273
Electrical machinery, apparatus, and supplies.	1909	12	104	4	21	79	104	138	25	52	97	211	114
	1904	6	167	2	44	121	.....	265	43	84	174	400	226
	1899	3	47	1	11	35	.....	56	13	29	16	67	51
Fancy articles, not elsewhere specified..	1909	9	36	11	2	23	50	32	1	14	9	43	34
	1904	9	61	14	4	43	.....	39	2	22	17	71	54
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Flour-mill and gristmill products.....	1909	7	194	.....	59	135	1,260	2,676	99	95	4,530	6,347	617
	1904	8	165	2	53	110	.....	1,809	75	81	2,364	2,799	435
	1899	10	113	5	29	79	.....	607	41	41	1,022	1,223	201
Food preparations.....	1909	22	187	26	30	131	236	338	28	63	376	580	204
	1904	10	80	18	7	55	.....	66	6	24	50	118	68
	1899	7	27	10	3	14	.....	31	.....	4	36	56	20
Foundry and machine-shop products....	1909	113	2,849	84	343	2,422	3,852	7,263	437	1,897	3,755	7,777	4,022
	1904	58	1,489	56	152	1,281	.....	2,911	188	968	1,606	3,557	1,951
	1899	37	.....	.....	78	560	.....	1,032	71	364	779	1,565	786
Furniture and refrigerators.....	1909	42	469	42	47	380	584	586	51	310	354	941	587
	1904	28	386	27	34	325	.....	547	41	222	494	880	386
	1899	8	133	9	19	105	.....	106	7	47	126	230	104
Gas and electric fixtures and lamps and reflectors.	1909	15	288	7	85	196	230	510	105	162	267	403	.....
	1904	4	21	4	4	13	.....	19	3	9	16	40	24
	1899	5	63	3	8	52	.....	66	10	34	38	123	85
Hand stamps and stencils and brands....	1909	3	41	3	16	22	18	55	18	17	22	92	70
	1904	5	29	3	8	18	.....	30	7	9	5	40	35
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ice, manufactured.....	1909	6	321	.....	49	272	2,206	2,702	81	224	142	765	623
	1904	5	164	.....	20	144	.....	1,272	23	114	91	470	379
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jewelry.....	1909	16	112	21	19	72	37	153	21	55	102	246	144
	1904	9	77	10	10	57	.....	55	8	47	44	151	107
	1899	3	.....	.....	2	7	.....	46	2	7	30	61	31
Leather goods.....	1909	32	322	28	79	215	70	602	70	117	402	757	355
	1904	24	236	19	42	175	.....	371	45	101	296	584	288
	1899	11	125	13	10	102	.....	66	10	33	32	126	94
Liquors, malt.....	1909	4	290	.....	48	242	1,682	3,846	97	258	362	1,457	1,095
	1904	3	217	.....	37	180	.....	1,867	64	141	227	798	571
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Liquors, vinous.....	1909	13	40	15	2	23	116	270	1	13	42	136	94
	1904	10	55	10	4	41	.....	391	3	22	80	164	84
	1899	16	67	17	4	46	.....	197	2	18	59	136	47
Lumber and timber products.....	1909	61	1,816	45	213	1,558	6,207	3,791	226	1,108	3,529	5,684	2,155
	1904	40	1,024	34	102	888	.....	1,756	122	584	1,597	2,700	1,103
	1899	24	416	21	46	349	.....	826	45	173	490	912	422
Marble and stone work.....	1909	14	108	22	11	75	258	222	9	72	116	257	141
	1904	16	46	8	4	34	.....	40	6	36	26	96	70
	1899	16	36	7	3	26	.....	27	4	15	27	62	35
Mattresses and spring beds.....	1909	11	214	9	37	168	187	399	46	115	495	787	292
	1904	8	100	12	17	71	.....	100	11	47	159	267	108
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Models and patterns, not including paper patterns.	1909	6	20	7	.....	13	33	8	.....	7	6	28	22
	1904	9	26	11	.....	15	.....	9	.....	10	5	31	26
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paint and varnish.....	1909	6	67	3	29	35	158	305	33	30	358	494	136
	1904	4	22	3	9	10	.....	116	8	3	81	120	39
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

1 Excluding statistics for two establishments, to avoid disclosure of individual operations.

2 Figures can not be shown without disclosing individual operations.

3 Excluding statistics for one establishment, to avoid disclosure of individual operations.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY.	Census.	PERSONS ENGAGED IN INDUSTRY.					Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
		Number of establishments.	Total.	Proprietors and firm members.	Salaried employes.	Wage earners (average number).							
LOS ANGELES—Continued.													
Patent medicines and compounds and druggists' preparations.	1909	35	144	26	27	91	62	\$140	\$26	\$43	\$140	\$337	\$197
	1904	125	77	15	23	39	39	68	17	16	56	153	97
	1899	21	97	27	17	53	53	79	12	23	54	154	100
Petroleum, refining.....	1909	10	133		33	100	430	1,312	66	82	1,135	1,406	271
	1904	6	82		23	59	59	529	34	49	321	461	140
	1899												
Pottery, terra-cotta, and fire-clay products.	1909	8	122	7	17	98	315	536	26	61	86	235	149
	1904	9	174	4	20	150	150	940	24	99	128	352	224
	1899	7	72	6	9	57	57	295	11	32	48	105	57
Printing and publishing.....	1909	234	2,545	196	812	1,537	1,220	3,036	879	1,188	1,619	5,192	3,573
	1904	154	2,061	136	743	1,182	1,220	2,272	591	905	950	3,508	2,558
	1899	93			114	538	538	1,022	116	286	326	1,353	1,027
Slaughtering and meat packing.....	1909	6	605	3	95	507	747	3,569	148	324	5,946	7,464	1,518
	1904	4	407	3	51	353	353	1,062	69	231	3,668	4,040	372
	1899												
Surgical appliances and artificial limbs.	1909	6	31	4	6	21	8	18	6	14	15	49	34
	1904	3	37	4	11	22	22	61	7	13	14	46	32
	1899	3				7	7	4		4	2	14	12
Tobacco manufactures.....	1909	33	225	38	11	176		174	20	91	134	344	210
	1904	32	146	33	8	105		54	9	09	82	208	126
	1899	13	49	13	1	35		24	1	22	18	59	41
All other industries.....	1909	246	4,280	214	753	3,313	8,088	18,983	766	2,485	4,965	10,980	6,015
	1904	140	1,503	118	304	1,171	7,090	7,090	306	734	1,850	2,418	2,418
	1899	150			201	1,031	3,588	3,588	183	518	2,984	4,339	1,955
OAKLAND—All industries.....													
Bread and other bakery products.....	1909	441	8,538	554	1,079	8,905	13,683	\$19,113	\$1,300	\$5,317	\$11,847	\$22,343	\$10,496
	1904	248	3,980	227	390	3,353	4,093	\$1,126	409	2,068	4,207	9,015	4,708
	1899	195			284	2,476		5,173	248	1,210	2,704	5,368	2,664
Butter, cheese, and condensed milk.....	1909	57	447	69	66	312	203	599	54	254	835	1,420	585
	1904	36	238	39	23	176	176	111	8	78	197	362	165
	1899	32	191	39	16	136							
Canning and preserving.....	1909	4	73	1	19	53	56	166	28	35	637	742	105
	1904	3	35	3	8	23	23	51	8	18	272	334	12
	1899	4	8	4		4		5		3	42	52	10
Carriages and wagons and materials.....	1909	9	469	11	33	425	166	974	44	173	674	1,040	366
	1904	35	35	7	6	22	22	8	2	10	18	67	8
	1899	3	14	6	1	7	7						
Confectionery.....	1909	10	65	10	10	45	191	110	9	36	68	168	100
	1904	10	49	11	3	38	38	61	27	27	41	101	60
	1899	10				45		71		27	26	86	60
Copper, tin, and sheet-iron products.....	1909	6	127	6	49	72	8	146	33	36	107	222	115
	1904	7	142	10	15	117		80	13	48	103	214	111
	1899												
Flour-mill and gristmill products.....	1909	12	85	19	11	55	52	98	14	52	81	180	99
	1904	4	70	5	5	60		102	7	62	107	240	133
	1899	3				14				12	10	28	13
Food preparations.....	1909	3	52		16	36	228	325	20	39	613	691	78
	1904	4	47		9	37		126	12	30	376	429	33
	1899	3	36	1	4	31		76	2	23	144	208	64
Foundry and machine-shop products.....	1909	6	53	8	17	28	41	70	18	19	133	214	81
	1904	5	11	7		4		3		2	13	25	12
	1899												
Liquors, malt.....	1909	44	891	39	105	747	993	2,358	132	681	666	1,824	1,158
	1904	16	265	9	29	271		236	26	148	236	417	257
	1899	16		28	28	747		491	31	148	248	515	267
Lumber and timber products.....	1909	4	95	1	16	78	652	734	35	84	158	668	510
	1904	3	27	1	3	23		687	4	26	49	170	130
	1899	3	26	3	6	17		133	8	17	36	133	97
Pottery, terra-cotta, and fire-clay products.	1909	31	914	21	85	308	3,421	1,716	126	702	1,198	2,183	985
	1904	121	760	19	57	434		1,217	69	411	787	1,537	750
	1899	113	362	19	20	842		561	25	195	424	1,333	730
Printing and publishing.....	1909	3	45	2	6	37	210	172	9	27	17	66	40
	1904	3	53	6	6	54		111	6	34	34	98	79
	1899												
Tobacco manufactures.....	1909	70	612	65	216	331	540	1,120	229	357	255	1,292	1,037
	1904	39	377	33	83	232		398	63	174	116	580	464
	1899	26	307	26	67	274		593	51	128	117	550	433
All other industries.....	1909	27	183	78	4	101	2	86	7	50	74	183	109
	1904	17	58	18	1	39		39	2	23	51	101	50
	1899	12	29	13		16		19		9	13	40	27

1 Excluding statistics for two establishments, to avoid disclosure of individual operations.

2 Figures can not be shown without disclosing individual operations.

3 Excluding statistics for one establishment, to avoid disclosure of individual operations.

4 Figures do not agree with those published in 1904, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the city.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaried employ-ees.	Wage earners (average number).							
SAN FRANCISCO—All industries.	1909	1,796	38,910	2,544	6,122	28,244	49,334	\$133,824	\$8,088	\$22,381	\$76,217	\$133,041	\$56,824
	1904	2,251	46,665	3,047	5,130	38,429	52,362	107,362	6,630	25,015	75,946	137,788	61,642
	1899	1,748	.....	.....	3,413	32,555	.....	69,643	3,929	17,299	65,535	107,024	41,489
Artificial stone.....	1909	10	89	12	9	68	26	78	9	61	50	151	101
	1904	5	31	6	1	24	.....	12	1	23	12	41	29
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Baskets, and rattan and willow ware...	1909	7	129	7	5	117	23	107	11	49	118	211	93
	1904	8	40	8	1	31	.....	1	1	13	22	37	15
	1899	8	102	7	2	93	.....	81	3	27	70	145	75
Belting and hose, leather.....	1909	5	52	1	18	33	37	173	26	26	182	291	109
	1904	5	60	4	23	36	.....	190	23	26	121	234	113
	1899	5	.....	.....	12	40	.....	181	11	26	182	288	106
Boots and shoes, including cut stock and findings.	1909	8	425	73	31	321	131	672	36	204	553	976	423
	1904	15	643	84	41	548	.....	1,002	41	313	735	1,578	587
	1899	26	987	79	48	860	.....	1,181	46	403	949	1,627	678
Boxes, fancy and paper.....	1909	10	321	6	34	281	225	311	41	141	221	496	275
	1904	12	393	10	27	356	.....	1,002	41	127	210	448	293
	1899	8	258	13	12	233	.....	132	10	79	114	274	160
Brass and bronze products.....	1909	13	154	13	20	121	131	183	22	116	164	356	192
	1904	15	384	14	48	324	.....	65	25	82	156	306	132
	1899	11	364	13	24	327	.....	743	32	210	384	768	384
Bread and other bakery products.....	1909	167	1,665	263	199	1,203	786	3,513	238	1,003	2,965	5,268	2,303
	1904	184	1,722	233	123	1,306	.....	1,682	160	982	2,548	4,382	2,334
	1899	137	1,048	161	90	797	.....	976	60	417	1,508	2,601	1,093
Brooms and brushes.....	1909	9	138	45	8	85	18	82	4	46	129	205	77
	1904	11	136	45	3	88	.....	56	2	37	109	169	88
	1899	15	.....	.....	19	144	.....	113	15	71	120	255	135
Butter, cheese, and condensed milk.....	1909	3	8	3	.....	5	4	11	.....	3	35	47	12
	1904	7	20	7	.....	10	.....	73	4	6	333	396	63
	1899	5	18	8	.....	10	.....	31	.....	7	53	67	14
Canning and preserving.....	1909	17	1,011	7	101	903	666	3,348	171	382	3,482	4,776	1,294
	1904	33	1,735	33	109	1,593	.....	2,719	177	534	3,080	4,636	1,556
	1899	34	.....	.....	86	1,660	.....	1,080	105	489	2,377	3,513	1,136
Carriages and wagons and materials.....	1909	37	311	43	31	237	248	457	36	204	191	552	261
	1904	63	502	74	23	405	.....	782	29	304	310	812	593
	1899	47	.....	.....	21	351	.....	574	27	179	263	673	410
Chemicals.....	1909	4	139	.....	19	120	720	1,425	24	93	628	938	310
	1904	6	150	.....	21	126	.....	1,425	24	93	628	938	310
	1899	10	188	.....	7	37	144	890	41	96	653	955	302
Clothing, men's, including shirts.....	1909	50	1,905	251	132	1,522	335	1,697	126	727	2,106	3,682	1,576
	1904	84	2,831	271	122	2,438	.....	1,438	115	1,028	2,530	4,804	2,271
	1899	91	.....	.....	72	2,604	.....	1,158	72	853	2,371	4,138	1,767
Clothing, women's.....	1909	41	835	199	66	570	83	493	71	252	647	1,225	578
	1904	48	1,191	212	57	922	.....	518	62	393	810	1,633	823
	1899	49	1,464	162	46	1,256	.....	659	48	420	982	1,903	921
Coffee and spice, roasting and grinding..	1909	19	492	13	254	225	775	2,440	427	153	3,549	4,973	1,424
	1904	25	532	21	236	276	.....	1,941	325	157	2,750	3,840	1,290
	1899	22	412	23	158	231	.....	1,438	204	140	2,050	2,766	716
Coffins, burial cases, and undertakers' goods.	1909	4	78	2	15	61	151	432	16	39	152	272	120
	1904	5	68	1	6	61	.....	182	9	34	106	212	106
	1899	4	66	2	9	55	.....	205	14	24	172	259	87
Confectionery.....	1909	27	689	36	114	539	299	1,151	138	249	930	1,718	783
	1904	37	761	43	133	585	.....	850	115	241	776	1,478	1,002
	1899	14	.....	.....	92	378	.....	424	61	99	448	845	397
Copperage and wooden goods, not elsewhere specified.	1909	11	321	8	31	282	861	1,107	53	220	1,194	1,604	410
	1904	15	416	14	28	374	.....	671	41	287	874	1,340	466
	1899	23	370	23	12	335	.....	386	14	217	823	1,200	377
Copper, tin, and sheet-iron products....	1909	71	1,336	130	138	1,068	681	5,191	202	947	1,872	3,645	1,773
	1904	50	1,614	63	85	1,466	.....	8,924	193	901	2,641	4,529	1,888
	1899	27	.....	.....	63	1,420	.....	2,170	66	75	2,987	4,399	1,412
Electrical machinery, apparatus, and supplies.	1909	10	160	7	24	129	114	163	30	77	143	322	179
	1904	13	294	2	59	233	.....	302	59	134	149	420	271
	1899	5	212	2	17	193	.....	59	15	90	274	496	132
Electroplating.....	1909	5	42	5	10	27	59	34	7	24	23	70	47
	1904	4	38	5	3	30	.....	18	3	25	18	81	63
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Flour-mill and gristmill products.....	1909	9	172	6	59	107	1,225	1,532	84	89	2,403	2,781	378
	1904	9	314	6	97	211	.....	2,409	150	153	2,780	3,423	643
	1899	8	.....	.....	35	171	.....	898	65	107	1,534	1,956	422
Food preparations.....	1909	31	499	61	108	350	900	1,956	129	192	1,679	2,436	757
	1904	38	379	65	53	261	.....	339	47	114	637	999	362
	1899	28	.....	.....	23	219	.....	312	24	107	409	747	338

¹ Not reported separately.

² Excluding statistics for one establishment, to avoid disclosure of individual operations.

³ Excluding statistics for two establishments, to avoid disclosure of individual operations.

⁴ Figures can not be shown without disclosing individual operations.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaryed employes.	Wage earners (average number).							
Expressed in thousands.													
SAN FRANCISCO—Continued.													
Foundry and machine-shop products...	1909	157	3,456	129	504	2,823	6,714	\$10,849	\$735	\$2,690	\$4,901	\$9,622	\$4,721
	1904	172	4,552	153	514	3,855	.....	10,038	731	2,919	4,273	10,525	6,252
	1899	130	.....	.....	360	3,509	.....	5,616	444	2,324	4,107	9,137	6,030
Furnishing goods, men's.....	1909	3	109	4	28	7	3	242	21	43	368	564	196
	1904	4	85	6	8	71	.....	45	7	31	144	231	87
	1899	14	.....	.....	53	578	.....	271	38	129	261	656	295
Furniture and refrigerators.....	1909	51	1,223	51	124	1,048	1,237	2,180	142	1,017	1,336	3,057	1,721
	1904	45	890	40	62	788	.....	1,534	68	616	743	1,836	1,093
	1899	22	555	25	33	496	.....	348	33	270	396	880	484
Gas and electric fixtures and lamps and reflectors.	1909	15	428	7	100	321	271	1,129	114	257	430	917	487
	1904	8	280	7	48	231	.....	389	46	160	177	461	284
	1899	5	190	3	38	149	.....	361	45	86	127	330	203
Gloves and mittens, leather.....	1909	9	165	10	27	128	16	324	19	79	148	301	153
	1904	15	356	16	28	312	.....	399	26	148	305	613	308
	1899	15	469	19	50	400	.....	298	40	158	319	664	345
Hand stamps and stencils and brands..	1909	7	94	8	32	54	55	110	37	52	44	161	117
	1904	8	46	9	7	30	.....	35	6	21	18	90	72
	1899	12	60	10	9	41	.....	48	9	24	24	80	56
Ice, manufactured.....	1909	3	80	.....	13	67	1,485	1,659	23	69	73	302	229
	1904	4	80	.....	9	84	.....	816	11	76	68	278	210
	1899	3	80	.....	30	50	.....	510	28	40	44	134	90
Jewelry.....	1909	24	587	125	32	430	248	221	37	367	502	1,121	619
	1904	36	510	113	24	373	.....	260	30	319	630	1,264	634
	1899	18	.....	.....	14	214	.....	141	15	153	370	631	261
Leather goods.....	1909	20	357	17	50	290	165	725	55	204	348	843	495
	1904	34	497	38	41	418	.....	1,264	47	272	535	1,103	568
	1899	30	.....	.....	59	468	.....	899	53	243	542	1,055	513
Leather, tanned, curried, and finished..	1909	17	619	15	46	558	1,260	2,479	89	415	2,655	3,622	967
	1904	21	667	30	42	695	.....	1,788	70	378	1,910	2,718	808
	1899	21	624	29	25	570	.....	1,232	37	365	2,219	2,795	576
Liquors, malt.....	1909	20	551	6	108	377	1,701	7,567	220	508	895	3,482	2,587
	1904	22	693	13	106	574	.....	4,946	190	594	1,147	4,106	2,959
	1899	25	530	23	64	443	.....	4,722	128	398	710	2,872	2,162
Liquors, vinous.....	1909	4	36	5	10	21	31	138	18	14	135	237	102
	1904	5	17	9	8	8	.....	23	.....	4	15	54	39
	1899	6	13	8	1	4	.....	20	1	2	12	27	15
Lumber and timber products.....	1909	68	1,667	47	181	1,439	6,435	2,833	275	1,347	2,133	4,378	2,245
	1904	152	1,584	45	119	1,420	.....	1,787	155	1,105	2,005	3,980	1,975
	1899	133	1,001	31	74	896	.....	920	86	555	1,126	2,187	1,061
Marble and stone work.....	1909	18	598	16	94	488	1,227	1,221	133	413	797	1,635	838
	1904	18	628	18	49	561	.....	1,265	62	524	778	1,665	887
	1899	14	.....	.....	17	155	.....	557	21	98	229	452	223
Mattresses and spring beds.....	1909	12	320	6	58	256	365	783	78	173	576	1,036	460
	1904	16	386	13	44	329	.....	469	52	179	294	686	332
	1899	4	.....	.....	16	80	.....	98	20	39	180	300	120
Millinery and lace goods.....	1909	12	140	12	22	106	97	212	21	61	148	269	121
	1904	11	193	9	11	173	.....	92	8	63	96	223	127
	1899	8	117	8	7	102	.....	31	6	30	33	103	70
Models and patterns, not including paper patterns.	1909	14	101	20	6	75	131	58	3	66	45	153	108
	1904	13	100	17	8	75	.....	80	8	60	28	139	111
	1899	8	64	10	.....	54	.....	31	.....	31	16	76	60
Musical instruments, pianos and organs and materials.	1909	7	27	8	4	15	6	60	3	18	14	54	40
	1904	9	33	8	4	21	.....	79	4	16	19	53	34
	1899	4	.....	.....	18	.....	.....	40	.....	14	11	47	36
Paint and varnish.....	1909	13	142	8	49	85	352	729	57	60	456	758	302
	1904	13	355	8	77	270	.....	1,395	75	184	1,564	2,197	633
	1899	9	71	4	31	36	.....	284	34	22	368	448	140
Patent medicines and compounds and druggists' preparations.	1909	28	330	11	151	168	131	644	154	82	380	989	609
	1904	47	420	32	104	284	.....	728	135	148	435	1,170	735
	1899	26	.....	.....	77	279	.....	629	70	151	690	1,346	656
Photo-engraving.....	1909	9	140	4	41	95	41	108	38	105	34	228	194
	1904	16	162	18	26	118	.....	101	26	103	50	265	215
	1899	8	80	8	8	64	.....	16	10	30	9	76	67
Printing and publishing.....	1909	307	5,180	260	1,588	3,332	3,386	7,101	1,805	3,094	3,156	12,201	9,045
	1904	361	4,898	318	977	3,603	.....	5,548	1,237	2,788	2,689	10,847	8,188
	1899	250	.....	.....	634	2,688	.....	3,364	676	1,527	1,769	6,334	4,565

* Excluding statistics for two establishments, to avoid disclosure of individual operations.

* Excluding statistics for one establishment, to avoid disclosure of individual operations.

STATISTICS OF MANUFACTURES.

705

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY AND CITY.	Census.	Number of establishments.	PEOPLE ENGAGED IN INDUSTRY.				Primary horse power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaried employes.	Wage earners (average number).							
Expressed in thousands.													
SAN FRANCISCO—Continued.													
Show cases.....	1909	4	27	5	3	19	23	\$34	\$3	\$21	\$28	\$93	\$35
	1904	4	16	6	.....	10	.....	15	.....	10	12	36	24
	1899	3	23	4	.....	19	.....	8	.....	11	10	32	22
Slaughtering and meat packing.....	1909	31	471	47	83	341	1,083	2,056	135	337	8,904	10,270	1,366
	1904	44	464	53	90	316	.....	1,278	111	272	7,688	9,209	1,521
	1899	30	.....	.....	80	260	.....	1,385	112	211	6,715	7,590	875
Tobacco manufactures.....	1909	91	1,111	286	75	750	69	855	85	424	614	1,833	1,219
	1904	172	1,758	459	46	1,253	.....	777	45	481	652	2,028	1,376
	1899	105	1,222	208	37	977	.....	504	49	350	542	1,366	824
All other industries.....	1909	284	7,980	246	1,267	5,467	14,904	62,926	1,795	5,168	23,681	37,949	14,268
	1904	410	12,723	410	1,449	10,864	.....	41,110	1,872	7,373	27,319	44,199	16,880
	1899	363	.....	.....	818	8,484	.....	33,619	1,051	4,936	25,943	37,621	11,678

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

Alameda.....	1909	51	1,076	50	111	915	1,526	\$3,002	\$171	\$797	\$929	\$2,554	\$1,625
	1904	30	326	32	15	279	.....	541	20	241	233	697	484
	1899	23	.....	.....	23	372	.....	749	43	216	788	1,335	547
Bakersfield.....	1909	27	844	20	78	746	910	1,791	94	664	1,700	2,819	1,119
	1904	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Berkeley.....	1909	84	1,429	115	221	1,084	2,433	3,465	254	840	2,687	4,435	1,748
	1904	44	453	28	87	338	.....	1,429	86	230	752	1,474	692
	1899	22	.....	.....	19	211	.....	456	14	99	392	651	259
Eureka.....	1909	48	1,075	30	99	946	3,901	3,306	124	673	1,494	3,012	1,518
	1904	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fresno.....	1909	76	2,262	43	281	1,938	3,403	4,933	328	1,103	7,992	11,090	3,095
	1904	80	2,169	51	203	1,915	.....	3,430	264	1,062	6,828	9,754	2,926
	1899	62	.....	.....	87	819	.....	1,435	86	396	1,703	2,752	1,049
Long Beach.....	1909	51	413	49	87	277	1,450	1,326	87	207	498	927	429
	1904	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pasadena.....	1909	88	708	92	117	499	969	1,347	118	389	853	1,724	871
	1904	46	451	49	84	318	.....	766	89	229	421	967	546
	1899	28	.....	.....	22	177	.....	313	15	77	127	331	204
Pomona.....	1909	30	285	32	29	224	334	630	22	152	230	560	330
	1904	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Redlands.....	1909	37	260	36	77	147	439	1,104	47	100	239	518	279
	1904	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Riverside.....	1909	53	399	56	76	267	700	1,102	50	214	667	1,178	511
	1904	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sacramento.....	1909	211	5,265	219	533	4,514	8,517	10,007	616	3,918	6,893	13,977	7,084
	1904	156	4,742	164	375	4,203	.....	7,359	419	2,852	5,144	10,073	4,929
	1899	111	.....	.....	170	3,686	.....	6,856	202	2,619	5,345	9,495	4,150
San Bernardino.....	1909	41	883	38	116	729	1,411	1,242	94	639	763	1,660	897
	1904	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Diego.....	1909	117	1,440	99	270	1,071	3,269	5,326	263	896	2,667	4,741	2,074
	1904	89	703	97	65	541	.....	1,991	60	392	1,136	1,974	838
	1899	57	.....	.....	43	255	.....	990	42	148	281	670	339
San Jose.....	1909	153	1,828	134	264	1,430	2,078	3,815	249	903	3,243	5,610	2,367
	1904	153	1,625	145	220	1,260	.....	3,083	190	682	2,512	4,298	1,786
	1899	124	.....	.....	189	1,221	.....	2,980	146	567	1,850	3,292	1,442
Santa Barbara.....	1909	51	382	43	74	265	491	895	63	197	696	1,169	473
	1904	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santa Cruz.....	1909	34	388	31	83	274	1,827	2,605	77	211	668	1,161	493
	1904	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stockton.....	1909	144	2,039	141	304	1,594	5,016	8,250	376	1,306	8,320	11,849	3,529
	1904	110	1,582	105	144	1,333	.....	5,220	165	904	5,850	8,029	2,179
	1899	91	.....	.....	137	1,185	.....	4,454	151	650	3,987	5,525	1,538
Vallejo.....	1909	23	271	22	46	203	1,616	1,559	75	184	1,404	1,896	492
	1904	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

1 Excluding statistics for two establishments, to avoid disclosure of individual operations.

2 Figures not available.

3 Figures do not agree with those published in 1904, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the city.

TABLE II.—DETAIL STATEMENT FOR

INDUSTRY.	Number of establishments	PERSONS ENGAGED IN INDUSTRY.										WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Primary horse-power.
		Total.	Proprietors and firm members.	Salaried officers, supts. and managers.	Clerks.		Wage earners.					Total.	16 and over.		Under 16.		
					Male.	Female.	Average number.	Number.		Male.	Female.		Male.	Female.			
								Maximum month.	Minimum month.						Male.	Female.	
1 All industries.....	7,659	141,576	8,077	5,563	9,672	2,968	115,296	Se 132,280	Fr 94,252	(*)	(*)	(*)	(*)	(*)	329,100		
2 Agricultural implements.....	25	749	19	24	66	18	622	Ap 702	Ja 513	668	668	.....	.....	.....	1,186
3 Artificial stone.....	66	434	71	31	8	4	320	De 347	Ja 278	363	361	.....	.....	.....	247
4 Automobiles, including bodies and parts.	41	589	50	27	21	13	478	Jy 534	Ja 418	471	451	17	3	2	305		
5 Babbit metal and solder.....	5	81	.....	11	11	7	52	My 59	Ja 178	48	52	52	.....	.....	91
6 Baskets, and rattan and willow ware.....	14	242	11	7	3	2	219	My 297	Au 171	203	63	140	.....	.....	104
7 Belting and hose, leather.....	5	52	1	8	8	2	33	Ja 35	Ja 31	32	31	.....	.....	.....	37
8 Bicycles, motorcycles, and parts.....	5	19	6	1	1	.....	11	No 13	Ja 10	13	12	1	.....	.....	12
9 Blacking and cleansing and polishing preparations.	9	40	5	6	7	1	21	De 27	Ja 18	27	18	6	3	.....	36	
10 Boots and shoes, including cut stock and findings.	18	840	76	18	37	14	695	No 754	Jy 542	791	547	199	38	7	369		
11 Boxes, cigar.....	3	57	3	3	1	1	49	Oc 52	Jy 45	52	29	23	.....	.....	29
12 Boxes, fancy and paper.....	13	703	10	27	23	14	624	No 707	Ja 572	692	317	457	3	33	405		
13 Brass and bronze products.....	29	259	28	20	13	3	195	De 203	Ap 184	206	202	1	.....	.....	261
14 Bread and other bakery products.....	864	5,801	1,077	150	268	288	4,018	Oc 4,154	Ja 3,903	4,359	3,501	818	22	18	2,517		
15 Brick and tile.....	78	1,879	35	85	46	10	1,703	Jy 2,223	Fe 941	1,801	1,778	1	22	.....	8,972	
16 Brooms.....	16	219	54	4	5	1	155	Ja 164	Se 147	161	160	1	.....	.....	52
17 Brushes.....	8	22	9	1	.....	1	11	No 17	Jy 3	17	16	1	.....	.....	14
18 Butter, cheese, and condensed milk.....	161	918	119	90	70	42	597	My 632	Ja 525	635	596	39	.....	.....	2,496
19 Buttons.....	196	7	21	8	.....	.....	13	Ap 15	Fe 11	13	4	8	.....	.....	7,453
20 Canning and preserving.....	8	8,714	148	285	382	142	7,757	Ja 16,047	Fe 2,781	15,034	6,231	8,472	117	214	3,987		
21 Carpets, rag.....	17	109	25	3	3	2	76	Oc 87	Ja 64	82	79	13	.....	.....	38
22 Carriages and wagons and materials.....	155	1,005	185	42	12	16	760	Je 821	Ja 677	741	733	.....	.....	.....	957
23 Cars and general shop construction and repairs by steam-railroad companies.	42	9,688	.....	70	271	5	9,342	Oc 10,657	Fe 7,623	9,659	9,657	.....	.....	.....	7,877
24 Cars and general shop construction and repairs by street-railroad companies.	21	2,002	.....	35	59	6	1,902	Jy 1,985	Ja 1,835	1,911	1,911	.....	.....	.....	2,055
25 Cars, steam-railroad, not including operations of railroad companies.	5	165	.....	8	10	1	146	Je 172	Au 124	140	139	.....	.....	.....	493
26 Cement.....	8	2,521	.....	24	83	7	2,407	No 2,843	Ja 1,481	2,841	2,837	.....	.....	.....	28,892
27 Chemicals.....	13	294	2	22	19	7	244	No 361	Mh 195	350	350	10	.....	.....	1,308
28 Clothing, men's, including shirts.....	74	2,559	272	51	111	40	2,385	Mh 2,455	Ja 2,268	2,403	418	1,931	1	3	540		
29 Clothing, women's.....	64	1,197	313	27	41	25	791	No 842	Jy 684	862	275	584	3	.....	137	
30 Coffee and spice, roasting and grinding.	44	1,707	27	51	226	51	352	No 373	Fe 339	374	235	137	1	1	1,123		
31 Coffins, burial cases, and undertakers' goods.	7	133	2	10	15	4	102	Ap 107	Jy 96	104	74	29	1	.....	221	
32 Confectionery.....	89	1,410	102	60	116	130	1,002	De 1,269	Ja 850	1,285	475	785	9	16	582		
33 Cooperage and wooden goods, not elsewhere specified.	38	502	40	21	15	10	416	Oc 490	Fe 336	492	489	2	1	.....	1,192	
34 Copper, tin, and sheet-iron products.....	233	2,511	317	111	100	45	1,938	Jy 2,129	Ja 1,712	2,054	1,939	107	8	.....	1,367	
35 Cutlery and tools, not elsewhere specified.	16	58	15	1	.....	.....	42	No 52	Fe 34	51	49	.....	.....	.....	71
36 Dairymen's, poulterers', and apiarists' supplies.	11	113	10	14	15	11	63	Mh 87	Se 42	87	84	3	.....	.....	76
37 Electrical machinery, apparatus, and supplies.	27	540	11	32	37	25	435	No 487	Se 407	489	366	121	2	.....	442	
38 Electroplating.....	12	66	14	6	5	.....	41	De 45	My 37	45	45	.....	.....	.....	86
39 Fancy articles, not elsewhere specified.	13	54	17	3	1	3	30	Mh 33	Ja 23	36	21	11	3	1	56		
40 Fertilizers.....	15	278	1	19	28	4	226	My 203	Au 203	230	229	1	.....	.....	1,579
41 Firearms and ammunition.....	5	192	.....	19	14	3	156	Je 168	Fe 144	161	120	41	.....	.....	327
42 Flags, banners, regalia, society badges, and emblems.	6	54	3	5	4	2	40	Jy 44	Ja 38	43	26	16	1	.....	23	
43 Flour-mill and gristmill products.....	125	1,392	82	125	303	34	948	No 1,069	Ap 889	1,087	1,064	23	.....	.....	11,545
44 Food preparations.....	129	1,108	171	85	107	29	716	No 894	Ap 594	977	646	310	3	.....	1,959	
45 Foundry and machine-shop products.....	543	10,218	470	536	652	183	8,377	De 8,723	Ja 7,517	8,875	8,817	16	42	.....	17,253	
46 Fur goods.....	8	105	7	3	5	6	84	No 114	My 57	112	41	71	.....	.....	12
47 Furnishing goods, men's.....	11	187	14	4	22	13	134	De 161	Ja 117	163	26	132	1	4	16		
48 Furniture and refrigerators.....	129	1,978	124	70	110	21	1,653	Mh 1,750	Jy 1,538	1,759	1,717	36	5	1	2,333		
49 Gas and electric fixtures and lamps and reflectors.	41	785	31	59	102	40	553	De 665	Ap 485	665	626	15	22	2	540		
50 Gas, illuminating and heating.....	74	2,538	1	169	612	90	1,666	No 1,786	My 1,593	1,783	1,783	.....	.....	.....	7,502
51 Gloves and mittens, leather.....	23	717	21	29	64	33	570	De 644	Ja 501	632	256	386	0	4	58		
52 Hand stamps and stencils and brands.	18	152	13	3	3	4	84	No 90	Jy 79	80	81	3	.....	.....	74
53 Hats and caps, other than felt, straw, and wool.	8	60	11	2	3	1	43	My 48	Ja 35	42	26	15	.....	.....	7
54 Hosiery and knit goods.....	6	316	2	11	26	9	268	Au 289	My 248	284	40	242	.....	.....	44
55 Ice, manufactured.....	77	854	35	79	60	14	666	Jy 807	Fe 585	648	635	1	9	.....	9,971	
56 Iron and steel, steel works and rolling mills.	5	1,085	.....	15	28	4	1,038	No 1,175	Jy 716	1,176	1,173	3	.....	.....	3,945
57 Jewelry.....	58	797	165	22	25	11	574	De 655	Jy 526	656	600	35	19	2	324		
58 Lapidary work.....	14	103	14	8	9	5	67	Ja 94	Au 54	62	54	6	2	.....	631	
59 Leather goods.....	88	946	79	50	89	18	710	No 772	Mh 638	775	635	129	10	1	323		
60 Leather, tanned, curried, and finished.	40	1,547	20	70	42	17	1,398	Se 1,457	My 1,352	1,441	1,437	.....	.....	.....	3,534
61 Lime.....	15	459	12	14	17	6	410	Ap 475	De 303	319	319	.....	.....	.....	558
62 Liquors, distilled.....	33	236	26	21	18	6	193	Oo 273	My 130	305	264	41	.....	.....	1,360
63 Liquors, malt.....	83	1,626	48	122	138	22	1,296	Jy 1,373	Fe 1,215	1,500	1,300	.....	.....	.....	8,367
64 Liquors, vinous.....	184	1,691	127	129	89	38	1,287	Oo 1,288	Se 793	1,721	1,701	20	.....	.....	8,314
65 Lumber and timber products.....	644	25,079	547	617	790	151	22,935	Jy 28,986	Ja 14,401	24,795	24,588	148	59	.....	94,914	

* No figures given for reasons explained in the Introduction.

STATISTICS OF MANUFACTURES.

THE STATE, BY INDUSTRIES: 1909.

	Capital.	EXPENSES.										Value of products.	Value added by manufacture.	
		Total.	Services.			Materials.			Miscellaneous.					
			Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including lutenal revenue.	Contract work.	Other.			
1	\$537,134,359	\$476,154,254	\$11,166,478	\$11,788,939	\$84,141,477	\$13,077,862	\$312,160,192	\$3,651,151	\$8,121,203	\$2,195,153	\$23,851,779	\$529,760,528	\$204,522,454	
2	2,359,158	2,245,031	58,490	64,688	431,093	31,830	1,409,348	870	17,508	3,703	207,511	2,669,651	1,228,473	
3	417,923	532,973	31,351	4,282	293,178	2,748	216,768	2,179	1,699	.....	207,511	643,246	423,730
4	700,812	1,247,826	41,677	29,671	368,508	10,670	689,535	35,337	5,410	9,520	57,908	1,470,169	770,441	
5	547,052	1,043,329	45,550	21,547	39,778	9,451	837,408	11,462	1,537	.....	76,996	1,120,293	273,434
6	241,702	317,844	13,131	4,183	94,670	2,156	178,188	7,998	1,415	126	15,977	337,375	177,031	
7	172,973	253,045	15,000	10,785	26,392	2,916	179,334	4,920	658	.....	13,040	291,449	109,199
8	22,787	25,379	1,525	603	9,208	463	9,613	2,015	95	143	1,654	31,367	21,291	
9	26,834	57,124	5,634	6,460	11,916	586	21,125	3,844	109	.....	7,779	69,820	69,109
10	1,192,217	1,718,523	42,450	46,891	402,488	12,422	1,107,402	18,000	3,788	.....	85,082	1,924,278	804,454
11	42,843	81,290	5,400	2,040	20,300	900	46,646	1,440	481	.....	4,083	84,653	37,107
12	730,934	903,560	47,310	39,121	271,420	8,675	433,158	30,833	2,218	1,369	68,426	904,983	523,150	
13	338,386	554,362	32,301	10,121	181,242	22,051	273,374	17,382	1,059	100	16,732	679,154	383,729	
14	8,065,919	15,381,414	272,397	390,536	3,074,892	323,288	10,054,077	304,408	42,043	185	858,998	17,709,263	7,332,268	
15	9,168,834	2,601,353	121,379	37,249	1,145,654	67,807	2,849,421	29,179	23,834	21,940	2,550,308	11,804,489	1,804,489	
16	211,870	312,823	2,930	2,388	84,133	1,801	228,872	3,932	824	36	17,907	388,117	157,444	
17	20,655	29,330	900	360	7,480	251	17,521	1,285	124	72	1,532	35,508	17,736	
18	2,829,359	12,108,870	113,755	88,040	466,322	93,542	11,046,158	40,123	12,268	23,031	315,302	12,760,670	1,620,970	
19	11,999	16,651	5,969	1,562	5,564	156	7,174	2,592	100	.....	1,065	20,251	20,051
20	18,316,474	31,003,217	593,052	487,351	3,453,553	251,413	23,757,809	85,565	70,857	69,247	2,244,368	32,914,829	8,905,607	
21	58,996	70,106	5,400	3,622	4,072	1,661	9,670	2,856	288	.....	5,877	89,656	88,325
22	1,635,359	1,681,714	57,312	16,592	609,720	45,633	833,433	61,348	9,068	11,303	67,305	2,632,434	1,203,368	
23	4,720,924	18,718,805	129,257	249,487	8,393,722	264,391	9,285,026	35,500	29,890	2,714	313,968	18,718,805	9,160,388	
24	2,138,838	3,009,473	50,831	46,553	1,675,985	32,330	1,119,008	900	19,970	200	63,196	3,009,473	1,857,635	
25	143,408	269,921	12,540	8,382	97,742	5,233	130,184	2,400	917	.....	12,623	299,967	164,550
26	24,013,715	4,408,806	89,453	106,031	1,649,738	1,511,850	670,021	120	23,843	6,974	344,776	6,504,127	4,322,256	
27	2,788,028	1,185,870	40,169	25,405	168,180	71,461	890,124	720	12,873	.....	145,302	1,541,783	524,783
28	2,257,530	4,615,767	83,232	118,113	1,050,366	21,815	2,675,081	89,753	9,880	112,166	266,241	5,120,509	2,225,613	
29	642,890	1,457,059	32,452	67,119	350,266	11,223	855,941	44,728	2,076	13,644	70,480	1,672,313	706,409	
30	3,323,698	6,035,341	126,094	406,014	244,771	37,308	4,789,856	74,968	14,818	.....	55,512	6,492,091	1,874,927
31	736,204	390,900	15,291	17,148	67,134	3,953	237,399	4,800	3,988	4,170	37,067	436,826	135,474	
32	2,122,501	3,245,389	106,654	164,310	459,354	50,140	2,088,307	93,918	9,669	50	272,997	3,624,045	1,485,898	
33	1,549,578	2,076,239	41,804	25,478	323,357	8,693	1,370,513	13,548	9,925	2,224	83,712	2,167,222	588,011	
34	7,179,573	6,003,265	201,966	117,460	1,658,737	46,165	3,518,691	91,985	25,652	4,964	338,515	6,803,761	3,238,905	
35	81,892	72,321	375	.....	34,090	3,165	28,022	3,370	356	.....	2,943	83,647	62,460
36	256,615	380,609	21,408	16,990	45,450	2,300	255,058	3,284	973	.....	35,137	414,519	157,161
37	779,137	1,407,142	54,422	47,810	240,320	13,254	914,862	20,800	2,583	900	112,191	1,612,983	684,867	
38	47,387	80,290	4,276	3,857	33,922	5,362	22,532	4,989	210	.....	4,822	97,522	69,308
39	63,740	44,718	2,711	1,680	17,448	1,794	11,035	3,944	312	.....	5,794	64,220	51,421
40	2,066,654	2,167,719	38,096	34,169	154,892	28,746	1,787,032	16,041	1,215	.....	118,028	2,312,555	516,777
41	2,168,686	1,350,874	37,214	14,899	83,409	14,899	1,152,093	.....	1,873	.....	46,487	1,576,798	409,806
42	74,035	102,841	6,900	4,923	27,242	554	49,941	8,655	376	.....	4,250	122,119	71,524
43	13,423,522	23,747,093	253,919	259,678	731,700	179,419	21,712,532	13,835	65,157	7,714	523,139	25,188,133	3,296,182	
44	3,332,479	4,948,655	119,344	107,973	405,925	55,356	3,914,942	46,455	10,730	10,614	317,116	5,508,097	1,537,799	
45	28,063,493	2,457,555	1,028,734	803,366	7,311,782	600,977	12,299,914	281,159	113,840	216,253	1,831,430	29,730,891	13,830,000	
46	91,932	221,205	5,625	6,090	74,800	1,587	115,146	13,625	515	.....	3,727	301,910	185,177
47	318,183	629,180	7,610	27,830	66,908	1,342	455,807	9,051	2,290	619	57,723	717,251	264,102	
48	3,061,021	3,958,800	133,806	91,737	1,507,077	50,145	1,807,966	119,540	10,010	34,430	203,789	4,496,067	2,637,856	
49	1,745,854	1,352,221	102,026	130,216	446,350	21,797	727,964	28,029	6,281	.....	89,358	1,714,683	904,922
50	47,074,600	6,580,387	311,713	512,005	1,407,704	2,288,476	315,353	6,487	324,840	207	1,363,062	8,926,544	6,322,715	
51	1,039,429	1,031,751	68,270	60,871	267,240	3,166	554,764	74,113	2,838	900	66,589	1,230,852	672,922	
52	184,504	230,882	21,069	34,936	74,355	1,963	71,180	17,729	384	130	9,136	280,928	207,785	
53	36,673	82,949	3,300	1,832	74,825	915	45,253	3,156	99	.....	3,572	103,493	57,325
54	515,170	436,259	30,720	32,703	112,261	1,819	193,213	5,443	903	.....	54,597	451,970	252,338
55	7,781,176	1,724,332	145,324	66,788	572,460	430,375	133,267	7,250	46,466	8,618	313,734	2,331,302	1,767,660	
56	2,645,625	3,467,491	44,691	36,029	828,522	159,207	2,188,571	225	6,072	.....	204,174	3,519,824	1,172,046
57	462,259	1,345,503	37,700	27,175	477,063	12,282	651,239	47,536	1,416	1,660	89,492	1,536,839	833,318	
58	249,020	262,717	13,385	8,475	54,152	3,031	165,783	8,266	787	.....	8,838	297,436	128,622
59	1,944,810	1,918,143	63,705	84,418	457,714	7,543	1,096,808	54,439	5,973	176	159,369	2,944,489	1,146,138	
60	8,535,102	8,780,949	160,059	55,006	987,550	74,336	6,985,117	2,200	20,397	1,651	514,573	9,306,545	2,327,092	
61	1,380,679	553,856	29,000	25,809	233,505	113,843	984,200	667	7,385	93	45,092	609,145	397,102	
62	4,476,035	4,906,241	35,872	22,465	138,245	63,985	770,942	34,489	145,083	.....	145,083	5,332,651	4,517,724
63	18,804,333	7,613,093	337,142	208,365	1,390,880	264,952	2,294,529	15,790	1,278,531	.....	1,822,964	9,319,014	6,759,560
64	20,188,855	7,386,897	211,281	217,422	681,824	131,036	4,542,905	89,760	709,622	43,703	759,344	9,836,488	4,262,907	
65	55,163,260	40,609,463	1,343,978	893,347	15,631,040	281,095	18,087,805	211,804	445,830	317,009	3,377,495	45,000,276	26,631,376	

* Same number reported for one or more other months.

TABLE II.—DETAIL STATEMENT FOR THE

INDUSTRY.	Number of establishments	PERSONS ENGAGED IN INDUSTRY.										WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Primary horse-power.	
		Total.	Proprietors and firm members.	Salaried officers, superis. and managers.	Clerks.		Average number.	Wage earners.			16 and over.		Under 16.				
					Male.	Female.		Number.			Total.	Male.	Female.	Male.	Female.		
								Maximum month.	Minimum month.	Number.							
1 Marble and stone work.....	128	1,724	155	65	75	14	1,415	Ja	1,501	No	1,344	1,442	1,440	2	3,562		
2 Mattresses and spring beds.....	35	671	25	45	45	28	528	No	588	Ap	495	589	517	9	727		
3 Millinery and lace goods.....	23	227	21	13	16	8	166	De	214	Je	91	238	83	150	110		
4 Mirrors.....	6	56	7	1	2	2	46	Oc	47	Ja	43	45	45	119	183		
5 Models and patterns, not including paper patterns.	26	138	36	1	5	1	93	No	100	Jy	87	33	74	6	183		
6 Musical instruments and materials, not specified.	5	14	6	.....	.....	.....	8	Ja	8	Jy	8	9	9	.....	.....
7 Musical instruments, pianos and organs and materials.	11	78	9	8	2	2	57	Ja	74	Se	49	55	55	.....	53	
8 Optical goods.....	6	59	7	4	10	6	32	My	31	Ap	31	32	31	1	14		
9 Paint and varnish.....	35	530	14	54	51	15	396	Jy	440	Ja	357	378	353	21	4		
10 Paper and wood pulp.....	4	340	2	10	11	5	312	De	330	Oc	285	330	324	6	7,163		
11 Paper goods, not elsewhere specified.	8	127	3	10	6	7	101	No	112	So	94	117	52	65	86		
12 Patent medicines and compounds and druggists' preparations.	89	574	56	61	55	92	310	My	315	Je	304	329	159	160	6	347	
13 Petroleum, refining.....	29	1,146	4	66	119	27	930	No	974	Mh	862	948	947	1	5,630		
14 Photo-engraving.....	20	274	21	25	22	16	190	Fe	199	Jy	150	200	190	5	119		
15 Pottery, terra-cotta, and fireclay products.	26	1,167	12	46	71	11	1,027	Ad	1,120	Ja	879	1,133	1,124	6	2,856		
16 Printing and publishing.....	1,240	12,215	1,151	652	2,209	647	7,556	De	7,925	Ja	7,350	7,967	6,625	1,253	178	11	7,674
17 Pumps, not including steam pumps.....	6	66	4	5	6	1	50	Se	56	Ja	47	48	48	.....	123	
18 Rubber goods, not elsewhere specified.	5	103	9	15	5	4	74	Oc	88	De	61	61	42	19	209		
19 Salt.....	19	469	22	23	18	4	402	No	519	Fe	313	463	464	4	1,228		
20 Shipbuilding, including boat building.....	43	2,006	39	48	67	8	1,844	No	2,553	My	1,512	2,586	2,578	2	3,129		
21 Show cases.....	11	66	15	2	1	1	47	Ja	56	Au	39	54	54	.....	82	
22 Signs and advertising novelties.....	8	67	7	4	9	.....	47	De	56	Oc	44	56	54	2	24	
23 Silverware and plated ware.....	3	16	4	.....	1	.....	11	Ja	11	Jy	11	11	11	.....	9
24 Slaughtering and meat packing.....	94	2,135	111	105	249	29	1,641	De	1,709	Je	1,586	1,723	1,678	31	13	1	3,867
25 Stereotyping and electrotyping.....	3	29	6	4	1	2	16	Se	17	Ja	15	16	16	.....	152	
26 Stoves and furnaces, including gas and oil stoves.	17	266	11	11	25	4	215	No	248	Je	185	244	242	2	42		
27 Sulphuric, nitric, and mixed acids.....	6	247	.....	11	16	3	217	Fe	230	Au	203	210	210	.....	735
28 Surgical appliances and artificial limbs.....	13	62	12	4	4	.....	42	Ja	45	Au	39	39	33	5	26	
29 Tobacco manufactures.....	332	2,139	613	41	62	8	1,465	Mh	1,499	Au	1,423	1,541	1,189	316	28	8	71
30 Type founding and printing materials.	3	21	.....	4	4	1	12	De	14	Ja	10	13	11	1	21	
31 Umbrellas and canes.....	4	10	5	.....	.....	.....	5	De	6	Ja	5	6	2	4	9
32 Wall plaster.....	7	78	1	11	10	2	54	Au	63	Mh	36	68	68	.....	701	
33 Whips.....	3	13	3	.....	1	.....	9	Ja	9	Jy	9	9	9	.....	.....
34 All other industries ¹	554	12,282	551	506	1,080	306	9,839	.....	.....	.....	.....	.....	.....	.....	44,111

¹ Same number reported for one or more other months.² Same number reported throughout the year.³ All other industries embrace—

Artificial flowers and feathers and plumes.....	2	Cordage and twine and jute and linen goods.....	2	Glue.....	3
Awnings, tents, and sails.....	27	Cordials and sirups.....	7	Gold and silver, lead and foil.....	2
Axle grease.....	1	Corsets.....	2	Gold and silver, refining and refining, not from the ore.....	1
Bags, other than paper.....	2	Dyestuffs and extracts.....	1	Grease and tallow.....	7
Bags, paper.....	2	Engraving and die-sinking.....	5	Hair work.....	12
Baking powders and yeast.....	4	Explosives.....	2	Hat and cap materials.....	1
Beet sugar.....	9	Files.....	1	Hats, fur-felt.....	2
Belting and hose, woven and rubber.....	1	Fireworks.....	1	House-furnishing goods, not elsewhere specified.....	3
Biting.....	1	Flavoring extracts.....	17	Ink, printing.....	2
Candles.....	2	Foundry supplies.....	2	Ink, writing.....	1
Carriages and sleds, children's.....	1	Fuel, manufactured.....	3	Instruments, professional and scientific.....	8
Cash registers and calculating machines.....	1	Galvanizing.....	1	Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills.....	1
Charcoal.....	1	Glass, cutting, staining, and ornamenting.....	28	Iron and steel forgings.....	3
Chocolate and cocoa products.....	2	Glucose and starch.....	1	.....	.....
Clocks and watches, including cases and materials.....	2	.....	.....	.....	.....

STATISTICS OF MANUFACTURES.

709

STATE, BY INDUSTRIES: 1909—Continued.

	EXPENSES.										Value of products.	Value added by manufacture.	
	Capital.	Services.			Materials.			Miscellaneous.					
		Total.	Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.			Other.
1	\$3,144,882	\$2,890,227	\$125,548	\$84,740	\$1,241,205	\$66,234	\$1,116,301	\$27,376	\$15,804	\$113,842	\$39,177	\$3,379,715	\$2,197,180
2	1,551,331	2,601,328	82,788	65,634	360,638	16,333	11,227,112	42,396	4,406	135	201,486	2,153,914	920,469
3	568,883	374,585	17,180	16,651	89,916	3,077	215,338	15,625	349	.....	16,549	412,552	194,167
4	133,746	163,710	2,400	635	44,990	4,406	100,057	1,380	2,113	1,020	6,604	185,806	81,343
5	72,426	151,422	.....	3,460	77,876	3,836	48,342	10,597	254	.....	6,803	194,805	142,627
6	10,220	10,897	.....	.....	6,534	36	2,965	812	109	.....	441	16,108	13,107
7	189,183	135,999	12,301	1,485	60,403	2,194	38,776	4,976	845	.....	15,019	150,308	109,338
8	79,622	114,354	6,200	12,890	23,846	1,219	59,092	4,776	375	.....	5,956	137,595	77,284
9	2,674,666	3,244,074	104,140	54,041	275,177	35,566	2,616,528	16,158	8,785	267	133,382	3,758,090	1,105,996
10	2,068,048	757,198	25,840	10,410	206,622	99,432	340,963	2,505	6,554	.....	64,872	869,172	528,777
11	185,920	204,860	9,093	5,749	58,176	6,133	94,975	6,193	415	.....	24,121	223,528	122,415
12	993,937	1,254,317	113,832	97,751	147,931	10,066	623,885	36,888	6,964	430	211,580	1,548,977	910,026
13	13,880,760	15,812,573	211,843	155,643	800,504	1,180,787	12,716,934	20,406	62,137	280	664,039	17,878,006	3,980,285
14	224,601	373,661	39,445	27,560	195,659	7,577	55,892	18,335	893	1,970	25,920	444,933	381,464
15	3,545,162	1,534,081	104,303	80,012	641,227	248,443	256,746	2,209	21,144	8,316	171,861	1,797,129	1,291,940
16	17,197,899	21,017,808	1,253,999	2,575,233	6,432,161	249,418	6,077,885	595,771	72,468	807,294	2,953,577	25,031,877	18,704,574
17	171,682	137,019	10,200	5,500	43,407	2,444	309,391	3,512	532	21,080	16,953	167,233	125,398
18	235,320	294,365	15,000	21,441	60,600	4,390	183,975	4,284	812	.....	23,313	322,727	153,762
19	2,022,663	579,661	34,960	20,670	211,672	26,925	215,420	21,675	3,656	950	43,733	746,211	503,866
20	8,329,206	3,948,413	122,450	93,167	1,592,211	73,460	1,103,589	23,662	24,315	273,169	582,390	4,132,176	2,895,127
21	119,155	135,146	2,916	900	46,626	2,797	72,476	3,733	626	.....	5,072	154,418	79,145
22	51,333	103,745	7,278	9,885	46,041	2,698	29,186	3,776	208	600	4,373	113,850	66,966
23	12,839	20,083	.....	1,640	8,200	464	6,145	2,775	29	.....	835	25,190	18,531
24	11,463,407	31,533,926	246,164	303,557	1,306,846	184,764	28,293,293	49,849	41,875	3,743	1,133,835	34,280,003	5,831,946
25	50,981	60,679	5,890	1,932	11,647	2,258	19,699	3,036	114	.....	16,933	72,021	50,054
26	412,835	460,368	15,745	26,926	173,501	9,070	196,806	7,782	1,450	2,605	26,483	514,187	308,311
27	2,614,500	1,112,402	38,020	19,205	172,964	105,811	634,504	.....	8,889	.....	133,109	1,160,937	420,622
28	40,241	94,682	3,915	3,060	31,541	995	31,230	6,379	309	.....	16,653	114,251	82,026
29	1,622,147	2,820,358	65,669	67,005	857,260	4,026	1,212,923	77,755	280,465	10,107	245,143	3,360,495	2,143,546
30	43,698	40,450	3,120	1,070	8,769	619	20,243	2,080	137	.....	3,412	44,695	23,533
31	5,560	8,980	.....	.....	2,974	27	3,151	2,524	28	.....	276	12,174	8,996
32	342,301	212,544	16,962	6,679	57,533	13,642	95,613	1,506	1,100	.....	19,473	186,655	77,400
33	55,625	15,343	.....	5,675	5,594	43	5,215	300	187	.....	1,818	18,850	13,592
34	140,057,235	108,632,968	1,357,803	1,556,509	7,166,537	2,334,923	91,740,404	399,922	317,510	26,423	3,782,837	120,328,916	26,250,589

4 All other industries embrace—Continued.

Iron and steel pipe, wrought.....	4	Photographic apparatus and materials.....	4	Stationery goods, not elsewhere specified.....	1
Jewelry and instrument cases.....	3	Pipes, tobacco.....	3	Statuary and art goods.....	17
Kaolin and ground earths.....	2	Roofing materials.....	5	Steam packing.....	2
Labels and tags.....	5	Sales and vaults.....	2	Sugar, refining, not including beet sugar.....	2
Lead, bar, pipe, and sheet.....	1	Saws.....	1	Typewriters and supplies.....	2
Looking-glass and picture frames.....	16	Scales and balances.....	1	Upholstering materials.....	5
Malt.....	4	Sheddy.....	1	Vault lights and ventilators.....	1
Matches.....	4	Silk and silk goods, including throwsters.....	3	Vinegar and cider.....	14
Mineral and soda waters.....	154	Smelting and refining, copper.....	3	Washing machines and clothes wringers.....	2
Mucilage and paste.....	3	Smelting and refining, lead.....	2	Window shades and fixtures.....	16
Oakum.....	2	Smelting and refining, not from the ore.....	1	Wirework, including wire rope and cable.....	20
Oil, essential.....	1	Soap.....	23	Wood, turned and carved.....	15
Oil, not elsewhere specified.....	8	Soda-water apparatus.....	2	Wood pulling.....	1
Paving materials.....	1	Sporting and athletic goods.....	3	Wool scouring.....	3
Pens, fountain, stylographic, and gold.....	1	Springs, steel, car and carriage.....	1	Woolen, worsted, and felt goods, and wool hats.....	6

TABLE III.—DETAIL STATEMENT FOR CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES, CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES.

LOS ANGELES.

INDUSTRY.	Number of establishments	PERSONS ENGAGED IN INDUSTRY.										WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.					
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks.		Wage earners (average number).			Total.	16 and over.		Under 16.		Primary horse-power.		
					Male.	Female.	16 and over.		Under 16.		Male.	Female.	Male.	Female.			
							Male.	Female.								Male.	Female.
1 All industries.....	1,325	21,875	1,181	919	1,990	458	17,327	15,065	2,075	187	19,326	16,686	2,428	170	42	33,166	
2 Artificial stone.....	8	97	11	4	2	2	81	80	3	0	90	90	0	0	0	15	
3 Boots and shoes, including cut stock and findings.....	4	38	3	1	2	1	30	23	8	0	30	22	8	0	0	44	
4 Brass and bronze products.....	8	70	7	5	3	0	55	55	0	0	60	60	0	0	0	99	
5 Bread and other bakery products.....	159	1,445	176	35	95	33	1,106	787	305	14	1,220	868	336	5	11	901	
6 Brick and tile.....	8	412	0	14	5	2	391	374	17	0	425	407	18	0	0	1,451	
7 Brooms.....	4	52	4	0	0	1	47	47	0	0	49	49	0	0	0	16	
8 Brushes.....	4	11	4	1	1	5	15	4	1	0	11	10	1	0	0	10	
9 Butter, cheese, and condensed milk.....	4	61	4	7	8	2	44	44	0	0	45	45	0	0	0	168	
10 Canning and preserving.....	21	479	20	17	26	7	409	205	196	8	800	402	383	13	2	471	
11 Carriages and wagons and materials.....	23	195	24	5	1	5	160	158	2	0	164	162	2	0	0	102	
12 Cars and general shop construction and repairs by steam-railroad companies.....	4	1,938	0	17	33	1	1,887	1,887	0	0	1,957	1,957	0	0	0	1,083	
13 Clothing, men's, including shirts.....	15	505	19	7	16	11	452	48	401	3	453	48	402	3	0	99	
14 Clothing, women's.....	12	199	15	8	11	4	161	39	122	0	161	39	122	0	0	42	
15 Coffee and spice, roasting and grinding.....	11	164	6	12	49	7	90	61	29	0	91	67	24	0	0	241	
16 Confectionery.....	11	163	11	8	14	10	120	45	75	0	151	57	99	0	0	30	
17 Cooperage and wooden goods, not elsewhere specified.....	6	44	7	1	2	1	33	33	0	0	39	39	0	0	0	89	
18 Copper, tin, and sheet-iron products.....	53	439	59	19	5	4	352	334	15	3	389	368	17	4	0	147	
19 Electrical machinery, apparatus, and supplies.....	12	104	4	13	4	4	79	75	3	1	94	89	4	1	0	104	
20 Fancy articles, not elsewhere specified.....	9	36	11	2	0	0	23	15	7	1	27	18	8	0	0	50	
21 Flour-mill and gristmill products.....	7	194	16	16	40	3	135	131	4	0	140	136	4	0	1	1,200	
22 Food preparations.....	22	187	26	10	16	4	131	65	66	0	178	88	90	0	0	236	
23 Foundry and machine-shop products.....	113	2,849	84	118	180	45	2,422	2,412	2	8	2,802	2,790	3	9	0	3,552	
24 Furniture and refrigerators.....	42	469	42	20	19	8	380	362	16	2	431	411	18	2	0	584	
25 Gas and electric fixtures and lamps and reflectors.....	15	288	7	20	53	12	196	193	1	2	211	208	1	2	0	230	
26 Hand stamps and stencils and brands.....	3	41	3	4	1	1	22	20	1	1	23	21	1	1	0	18	
27 Ice, manufactured.....	6	321	0	14	29	6	272	271	1	0	270	269	1	0	0	2,206	
28 Jewelry.....	16	112	21	5	9	5	72	70	2	0	94	91	2	1	0	37	
29 Leather goods.....	32	322	28	16	55	8	215	162	47	6	258	194	57	7	0	70	
30 Liquors, malt.....	4	260	0	20	24	4	242	242	0	0	248	248	0	0	0	1,682	
31 Liquors, vinous.....	13	40	15	1	1	0	23	23	0	0	39	39	0	0	0	116	
32 Lumber and timber products.....	61	1,816	45	66	129	15	1,558	1,542	5	11	1,706	1,689	5	12	0	6,207	
33 Marble and stone work.....	14	108	22	1	8	2	75	75	0	0	75	75	0	0	0	258	
34 Mattresses and spring beds.....	11	214	9	11	16	10	168	149	19	0	197	175	22	0	0	157	
35 Models and patterns, not including paper patterns.....	6	20	7	0	0	0	13	7	6	0	14	8	6	0	0	33	
36 Paint and varnish.....	6	67	3	11	15	3	35	35	0	0	35	35	0	0	0	158	
37 Patent medicines and compounds and druggists' preparations.....	35	144	26	14	8	5	91	36	47	8	108	43	56	5	4	62	
38 Petroleum, refining.....	10	133	0	16	11	6	100	100	0	0	105	105	0	0	0	430	
39 Pottery, terra-cotta, and fire-clay products.....	8	122	7	0	0	0	98	98	0	0	94	94	0	0	0	315	
40 Printing and publishing.....	234	2,545	196	138	538	136	1,537	1,215	327	55	1,681	1,329	292	54	6	1,220	
41 Slaughtering and meat packing.....	6	605	3	14	75	6	507	484	14	9	540	515	15	9	1	747	
42 Surgical appliances and artificial limbs.....	6	31	4	3	3	0	21	15	6	0	19	14	5	0	0	8	
43 Tobacco manufactures.....	33	225	38	7	0	0	176	129	38	9	193	141	42	2	8	0	
44 All other industries.....	246	4,280	214	208	463	82	3,313	2,915	373	25	3,609	3,176	406	22	5	8,088	

1 All other industries embrace: Agricultural implements, 2; automobiles, including bodies and parts, 26; awnings, tents, and sails, 6; habbit metal and solder, 1; baking powders and yeast 1; bicycles, motorcycles, and parts, 2; blacking and cleansing and polishing preparations, 3; boxes, cigar, 1; boxes, fancy and paper, 5; buttons, 5; candles, 1; carpets, rag, 3; cars and general shop construction and repairs by street-railroad companies, 2; cars, steam-railroad, not including operations of railroad companies, 1; cash registers and calculating machines, 1; chemicals, 1; collars, burial cases, and undertakers' goods, 1; cordials and syrups, 1; corsets, 1; cutlery and tools, not elsewhere specified, 7; dairymen's, poultryers', and apiarists' supplies, 3; electroplating, 3; engraving and die-making, 3; fertilizers, 4; flags, banners, regalia, society badges, and emblems, 2; flavoring extracts, 3; fuel, manufactured, 2; fur goods, 1; furnishing goods, men's, 4; gas, illuminating and heating, 5; glass, 1; glass, cutting, staining, and ornamenting, 9; gloves and mittens, leather, 1; hair work, 3; hats and caps, other than felt, straw, and wool, 3; hosiery and knit goods, 2; house-furnishing goods, not elsewhere specified, 1; ink, writing, 1; instruments, professional and scientific, 3; iron and steel, steel works and rolling mills, 1; iron and steel pipe, wrought, 3; jewelry

OAKLAND.

1 All industries.....	51	8,538	554	347	533	198	6,905	5,601	1,064	240	7,987	6,162	1,561	160	104	13,683
2 Bread and other bakery products.....	47	447	69	12	23	31	312	239	70	3	395	303	89	3	0	203
3 Butter, cheese, and condensed milk.....	4	75	1	5	10	4	53	39	14	0	53	39	14	0	0	56
4 Canning and preserving.....	9	469	47	11	5	2	425	184	282	3	1,087	343	724	7	13	166
5 Carriages and wagons and materials.....	10	65	10	7	2	1	45	45	0	0	44	44	0	0	0	191
6 Confectionery.....	6	127	6	3	12	34	72	24	48	0	74	25	49	0	0	8
7 Copper, tin, and sheet-iron products.....	12	85	19	5	1	5	55	85	0	0	68	68	0	0	0	52
8 Flour-mill and gristmill products.....	3	52	0	6	8	2	36	35	1	0	37	37	0	0	0	228
9 Food preparations.....	9	469	47	11	5	2	425	184	282	3	1,087	343	724	7	13	166
10 Foundry and machine-shop products.....	44	891	39	44	17	747	737	1	9	823	812	1	10	0	0	998
11 Liquors, malt.....	4	95	1	10	6	0	78	78	0	0	78	78	0	0	0	652
12 Lumber and timber products.....	31	914	21	35	43	7	808	803	0	5	814	809	0	5	0	3,421
13 Pottery, terra-cotta, and fire-clay products.....	3	45	2	2	4	0	37	37	0	0	40	40	0	0	0	210
14 Printing and publishing.....	70	612	45	41	134	41	331	272	39	20	343	283	40	10	1	540
15 Tobacco manufactures.....	27	78	2	2	1	1	104	84	15	2	107	89	16	2	0	2
16 All other industries.....	155	4,427	224	153	220	53	3,777	2,995	589	193	3,996	3,169	623	114	90	6,920

2 All other industries embrace: Artificial stone, 3; automobiles, including bodies and parts, 3; awnings, tents, and sails, 1; babbit metal and solder, 1; baking powders and yeast, 1; bicycles, motorcycles, and parts, 1; blacking and cleansing and polishing preparations, 3; boots and shoes, including cut stock and findings, 1; boxes, fancy and paper, 1; brass and bronze products, 3; brooms, 2; brushes, 2; carpets, rag, 1; cars and general shop construction and repairs by street-railroad companies, 1; cars and general shop construction and repairs by street-railroad companies, 1; chemicals, 2; clothing, men's, including shirts, 4; clothing, women's, 10; coffee and spice, roasting and grinding, 1; collars, burial cases, and undertakers' goods, 1; cooperage and wooden goods, not elsewhere specified, 1; cordage and twine and linen goods, 1; cordials and syrups, 1; cutlery and tools, not elsewhere specified, 1; electrical machinery, apparatus, and supplies, 2; electroplating, 1; fancy articles, not elsewhere specified, 1; flags, banners, regalia, society badges, and emblems, 1; flavoring extracts, 2; furnishing goods, men's, 1; furniture and refrigerators, 4; gas and electric fixtures and lamps and reflectors, 1; gas, illuminating and heating, 2; glass, cutting, staining, and ornamenting, 2; gloves and mittens, leather, 4; grease

STATISTICS OF MANUFACTURES.

711

AND TOTALS FOR ALL INDUSTRIES IN CITIES OF 10,000 BUT LESS THAN 50,000 INHABITANTS: 1909.

CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES.

LOS ANGELES.

Capital.	Total.	EXPENSES.										Value of products.	Value added by manufacture.
		Services.			Materials.			Miscellaneous.					
		Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.	Other.			
1	\$59,518,398	\$61,061,311	\$1,728,738	\$2,183,429	\$12,587,617	\$1,529,959	\$37,382,649	\$663,455	\$611,837	\$378,450	\$3,995,176	\$58,586,274	\$29,673,666
2	69,648	115,394	7,440	1,710	65,614	1,216	29,801	1,978	395	.....	7,240	146,961	115,944
3	61,880	70,575	1,300	5,148	25,930	1,229	34,102	3,000	101	.....	1,765	75,017	39,686
4	85,500	124,900	10,500	1,620	46,135	6,538	53,261	3,714	194	.....	2,638	192,068	132,267
5	1,886,925	4,170,986	62,106	132,466	701,608	66,810	2,803,474	83,757	11,492	185	304,100	4,670,075	1,790,792
6	1,432,931	526,765	27,800	6,938	215,399	6,259	107,763	1,166	5,726	.....	39,902	658,070	425,235
7	105,009	118,728	.....	300	24,597	614	78,559	120	367	36	14,135	135,444	56,271
8	10,860	12,660	.....	600	3,378	124	6,531	625	86	72	584	16,400	8,745
9	172,492	1,375,790	12,400	7,427	35,520	2,850	1,303,710	6,115	639	.....	7,229	1,417,732	110,672
10	963,222	1,099,334	35,682	30,086	174,530	15,378	757,597	3,994	5,370	1,302	79,455	1,254,794	485,749
11	304,762	400,529	5,522	2,422	119,084	7,275	244,749	12,435	1,418	.....	8,064	461,395	228,371
12	740,904	3,362,118	27,305	31,187	1,632,371	53,815	1,547,591	.....	2,076	.....	67,773	3,362,118	1,760,712
13	228,790	744,746	9,400	22,701	185,701	4,180	482,262	18,187	2,608	700	18,998	821,704	335,253
14	131,005	265,848	10,672	15,211	71,819	2,080	152,345	9,205	446	.....	4,070	321,084	166,909
15	695,503	1,016,455	23,810	61,243	65,888	8,299	735,435	10,830	5,650	.....	86,300	1,150,334	315,600
16	158,182	300,418	9,356	19,920	45,157	4,099	199,610	4,900	1,316	.....	13,370	342,878	139,169
17	113,136	145,128	3,000	2,600	24,665	1,815	104,341	2,670	773	261	4,683	139,483	32,900
18	688,045	970,467	32,024	5,725	249,541	6,629	604,538	13,876	5,514	82	52,538	1,124,394	513,227
19	188,124	198,451	20,945	4,683	61,762	2,521	94,973	8,150	390	.....	16,147	211,188	113,894
20	31,787	31,838	1,451	.....	14,218	1,404	7,945	2,504	209	.....	3,807	43,000	33,651
21	2,676,229	5,068,021	50,270	48,257	94,881	21,426	4,808,319	9,156	6,675	.....	29,037	5,347,173	517,428
22	337,596	1,150,150	19,150	15,600	53,456	7,620	308,947	1,356	1,144	.....	37,326	550,351	294,384
23	7,263,185	6,994,154	219,019	218,288	1,806,622	178,908	3,576,409	53,065	33,665	138,153	680,535	7,776,796	4,021,969
24	886,244	784,707	29,564	21,298	309,583	9,251	344,933	18,438	6,328	2,300	40,372	941,395	587,255
25	510,491	661,819	43,309	61,676	161,619	7,850	252,763	10,780	3,297	.....	54,244	670,025	403,412
26	54,569	66,082	6,396	11,214	17,063	385	21,132	3,722	165	.....	6,005	61,510	69,993
27	2,701,827	633,294	47,735	33,082	223,825	112,494	299,968	1,290	17,065	.....	168,235	764,950	622,888
28	152,809	10,830	19,680	10,290	53,456	4,167	160,414	1,365	1,660	.....	14,241	113,466	113,466
29	601,963	608,321	22,807	46,788	116,824	1,902	400,410	19,729	1,330	.....	58,425	757,974	354,856
30	3,846,167	1,238,557	66,780	30,425	257,804	35,836	325,979	150	228,324	.....	293,199	1,456,990	1,085,175
31	270,157	55,289	921	175	13,481	1,429	40,298	6,336	15,334	.....	7,315	136,206	94,479
32	3,790,975	5,143,748	111,966	114,426	1,108,453	23,699	3,505,479	30,655	22,831	1,607	224,602	5,663,649	2,164,471
33	221,551	263,561	1,530	7,732	71,532	4,167	111,613	1,876	962	.....	4,319	256,527	140,747
34	398,576	712,405	26,293	114,610	3,842	400,825	13,063	1,504	135	.....	42,413	796,035	291,838
35	7,925	15,661	.....	7,330	170	6,347	2,568	26	.....	220	28,150	22,633	.....
36	305,004	445,362	13,800	18,801	29,893	2,965	355,348	5,170	1,900	.....	17,395	494,285	136,035
37	140,072	236,642	16,285	9,509	42,973	1,671	138,725	9,501	700	90	17,128	337,042	166,646
38	1,311,746	1,344,246	49,520	16,422	82,493	84,630	1,050,076	1,800	4,751	280	54,274	1,406,465	271,339
39	335,983	198,152	20,160	6,202	61,240	38,518	47,480	2,149	5,757	1,432	15,214	234,882	148,584
40	3,035,993	4,473,567	206,422	612,355	1,188,470	42,148	1,576,536	126,528	15,528	194,459	451,221	5,191,769	3,573,185
41	3,569,171	6,844,428	57,695	90,120	324,081	60,574	5,885,046	1,140	14,149	.....	411,623	7,464,265	3,158,675
42	18,425	51,790	3,315	13,977	416	14,246	3,880	184	.....	.....	12,648	48,850	34,988
43	173,695	294,298	12,900	7,200	91,459	29	133,974	6,474	18,024	.....	24,148	344,421	210,418
44	18,984,981	9,146,023	345,282	422,559	2,485,781	579,438	4,386,299	139,845	167,113	27,817	591,789	10,979,432	6,013,685

and instrument cases, 1; labels and tags, 1; lapidary work, 10; looking-glass and picture frames, 6; millinery and lace goods, 6; mineral and soda waters, 6; mirrors, 2; mulch and posts, 2; musical instruments and materials, not specified, 3; musical instruments, pianos and organs and materials, 2; oil, not elsewhere specified, 1; optical goods, 1; paper and wood pulp, 1; pens, fountain, stylographic, and gold, 1; photographic apparatus and materials, 2; photo-engraving, 7; pipes, tobacco, 1; pumps, not including steam pumps, 2; rubber goods, not elsewhere specified, 1; scales and balances, 1; shipbuilding, including boat building, 5; show cases, 2; signs and advertising novelties, 3; soap, 6; soda-water apparatus, 2; stationary and art goods, 5; stereotyping and electrotyping, 1; stoves and furnaces, including gas and oil stoves, 7; sulphuric, nitric, and mixed acids, 1; slaughtering and meat packing, 7; shipbuilding, including boat building, 5; show cases, 2; felt goods and wall plaster, 2; whips, 2; window shades and fixtures, 3; wirework, including wire rope and cable, 5; wood, turned and carved, 6; woolen, worsted, and silk wares, and wool hats, 2.

OAKLAND.

1	\$19,113,246	\$20,559,203	\$670,153	\$630,144	\$5,317,241	\$769,818	\$11,077,415	\$224,282	\$180,415	\$39,063	\$1,650,672	\$22,342,926	\$10,495,693
2	599,044	1,292,247	18,360	35,287	254,054	28,500	806,642	41,071	4,261	.....	64,072	1,420,285	585,146
3	166,449	713,814	13,320	15,067	35,889	2,803	634,216	1,560	871	.....	10,095	741,711	104,692
4	474,542	946,704	28,539	15,261	173,068	14,108	659,825	5,584	3,045	.....	46,827	1,039,540	365,507
5	199,806	137,674	7,570	1,904	36,373	3,703	63,977	8,310	4,844	.....	10,331	182,633	115,712
6	145,921	199,045	5,960	26,545	35,642	4,370	102,265	5,332	311	.....	18,500	222,495	115,560
7	98,125	156,543	10,036	3,637	51,877	1,064	79,732	3,312	947	.....	5,998	179,633	99,897
8	326,049	689,107	11,344	8,870	39,194	3,253	609,882	2,240	.....	.....	14,284	960,960	77,825
9	70,500	195,912	6,060	11,910	19,314	3,506	125,298	3,660	356	.....	23,268	213,783	80,979
10	2,837,992	1,681,761	53,003	53,003	631,670	44,367	1,622,804	20,262	5,097	.....	152,633	1,829,631	1,157,452
11	734,342	506,861	20,100	1,850	83,684	14,174	143,610	.....	91,439	.....	138,994	667,530	509,745
12	1,715,826	2,143,007	74,258	51,344	702,479	16,484	1,181,155	18,770	9,190	2,010	87,317	2,183,236	985,507
13	172,367	62,520	4,513	4,870	27,499	11,258	5,842	.....	139	.....	8,399	65,590	48,490
14	1,119,675	1,011,935	74,841	154,234	356,727	14,651	240,745	38,240	5,371	21,591	104,965	1,291,993	1,036,597
15	86,173	169,142	2,460	4,141	59,432	984	73,543	6,888	15,700	.....	6,005	182,637	108,190
16	10,436,455	10,699,471	307,634	255,878	2,769,639	606,793	5,724,779	70,950	33,177	2,521	988,400	11,451,475	5,110,933

and tallow, 1; hand stumps and stencils and brands, 2; ice, manufactured, 3; iron and steel, steel works and rolling mills, 1; jewelry, 3; leather goods, 3; leather, tanned, cured, and finished, 1; liquors, vinous, 1; marble and stone work, 2; mattresses and spring beds, 6; millinery and lace goods, 3; mineral and soda waters, 4; mirrors, 1; models and patterns, not including paper patterns, 3; optical goods, 1; paint and varnish, 5; paper goods, not elsewhere specified, 1; patent medicines and compounds and druggists' preparations, 4; photo-engraving, 1; sales and leases, 1; slaughtering and meat packing, 7; shipbuilding, including boat building, 5; show cases, 2; felt goods and plated ware, 2; smelting and refining, not from the ore, 1; stationary and art goods, 1; stoves and furnaces, including gas and oil stoves, 3; sulphuric, nitric, and mixed acids, 1; surgical appliances and artificial limbs, 2; upholstering materials, 1; washing machines and clothes wringers, 1; window shades and fixtures, 4; wirework, including wire rope and cable, 4; wood, turned and carved, 2.

TABLE III.—DETAIL STATEMENT FOR CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES, AND

CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES—Continued.

SAN FRANCISCO.

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.										WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.						Primary horse-power.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks.		Wage earners (average number).			16 and over.		Under 16.		Total.	16 and over.		Under 16.		
					Male.	Female.	Total.	Male.	Female.	Under 16.	Male.	Female.	Male.		Female.				
																Male.	Female.		Under 16.	Male.	Female.
1 All Industries.	1,796	36,910	2,544	1,653	3,377	1,082	23,244	22,352	5,173	219	29,586	23,917	5,440	174	65	49,934			
2 Artificial stone.	10	89	12	6	1	2	67	67		1	71	70		1		26			
3 Baskets, and rattan and willow ware.	7	129	7	2	2	1	117	40	77		110	38	72			23			
4 Belting and hose, leather.	5	52	1	8	8	2	33	32		1	32	31		1		23			
5 Boots and shoes, including cut stock and findings.	8	425	73	9	16	6	321	224	83	14	378	264	98	11	5	131			
6 Boxes, fancy and paper.	10	321	6	15	13	6	281	99	153	19	299	105	174	2	18	225			
7 Brass and bronze products.	13	154	13	10	8	2	121	117	1	3	123	119	1	3		131			
8 Bread and other bakery products.	167	1,665	263	39	82	78	1,203	961	234	8	1,269	1,014	247	1	7	786			
9 Butter, cheese, and condensed milk.	3	8	3				5	4		1	5	4		1		4			
10 Canning and preserving.	17	1,011	7	36	53	12	903	481	422		844	450	394			666			
11 Carriages and wagons and materials.	37	311	43	17	6	8	237	233		4	231	227		4		248			
12 Chemicals.	4	139	8	3	3	3	120	120			118	118				729			
13 Clothing, men's, including shirts.	50	1,905	251	30	80	22	1,522	342	1,179	1	1,446	325	1,120	1		335			
14 Clothing, women's.	41	835	199	16	30	20	570	161	406	3	639	181	455	3		83			
15 Coffee and spice, roasting and grinding.	19	492	13	35	180	39	225	134	91		245	146	99			775			
16 Coffins, burial cases, and undertakers' goods.	4	78	2	6	6	3	61	35	25	1	62	36	25	1		151			
17 Confectionery and confectioners' goods.	6	689	36	27	51	36	539	171	359	15	702	223	459	4	16	299			
18 Cooperage and wooden goods, not elsewhere specified.	11	321	8	13	9	9	282	281		1	304	303		1		861			
19 Copper, tin, and sheet-iron products.	71	1,336	130	55	60	23	1,063	991	74	3	1,043	968	72	3		681			
20 Electrical machinery, apparatus, and supplies.	10	160	7	9	10	6	129	105	23	1	141	118	25	1		114			
21 Electroplating.	5	42	6	6	8		27	27			30	30				59			
22 Flour-mill and gristmill products.	9	172	6	12	45	2	107	101	6		105	99	6			1,225			
23 Food preparations.	31	499	61	32	63	13	330	243	85	2	322	237	85	2		900			
24 Foundry and machinework products.	157	3,456	129	204	228	72	2,823	2,803	4	16	2,789	2,769	4	16		6,714			
25 Furnishing goods, men's.	3	109	4	2	15	11	77	62			88	17				3			
26 Furniture and refrigerators.	15	423	51	37	79	8	1,048	1,031	13	4	1,057	1,040	13	3	1	1,237			
27 Gas and electric fixtures and lamps and reflectors.	15	228	7	33	42	25	321	294	10	17	412	377	13	20	2	271			
28 Gloves and mittens, leather.	9	165	10	5	18	4	128	48	80		128	48	80			16			
29 Hand stamper and stencil and brands.	9	94	8		22	2	54	49	5		63	53				55			
30 Ice, manufactured.	3	80		7	4	2	67	67			66	66				1,485			
31 Jewelry.	24	537	125	13	16	3	430	395	24	11	477	438	27	11	1	243			
32 Leather goods.	20	357	17	16	27	7	290	241	48	1	301	250	50	1		165			
33 Leather, tanned, curried, and finished.	17	619	15	27	14	5	558	558			592	592				1,280			
34 Liquors, malt.	20	551	6	46	54	8	437	437			448	448				1,701			
35 Liquors, vinous.	4	36	6	3	7		21	21			20	20				3			
36 Lumber and timber products.	68	1,667	47	97	63	21	1,439	1,433	1	6	1,426	1,420	1	5		6,435			
37 Marble and stone work.	18	598	16	28	57	9	488	487	1		440	439		1		1,227			
38 Mattresses and spring beds.	12	320	6	22	24	12	256	223	28	6	283	247	31	4	1	365			
39 Millinery and lace goods.	12	149	12	7	11	4	106	41	61	4	159	62	92		5	97			
40 Models and patterns, not including paper patterns.	14	101	20		5	1	75	62	7	6	72	59	7	6		131			
41 Musical instruments, pianos and organs and materials.	7	27	8	2	1	1	15	15			17	17				6			
42 Paint and varnish.	13	142	8	10	25	6	85	79	4	2	85	79	4	2		352			
43 Patent medicines and compounds and druggists' preparations.	28	330	11	33	34	84	168	79	89		162	76	86			131			
44 Photo-engraving.	9	140	4	13	16	12	95	92	3		98	95	3			23			
45 Printing and publishing.	307	5,180	260	271	1,057	260	3,332	2,747	543	42	3,488	2,875	569	43	1	4,336			
46 Show cases.	4	27	5	1	1	1	19	19			18	18				23			
47 Slaughtering and meat packing.	31	471	47	31	50	2	341	340		1	369	368		1		1,083			
48 Tobacco manufactures.	1	111	286	17	51	7	750	551			748	550	108			439			
49 All other industries ¹ .	293	8,118	291	321	720	234	6,552	5,756	769	27	7,276	6,391	835	22	8	14,922			

¹ All other industries embrace: Automobiles, including bodies and parts; 5; awnings, tents, and sails; 4; axle grease; 1; rabbit meat and solder; 3; bags, other than paper; 5; bags, paper; 1; baking powders and yeast; 2; blacking and cleansing and polishing preparations; 3; bluing; 1; boxes, cigar; 1; brick and tile; 2; brooms; 7; brushes; 2; buttons; 2; candles; 1; carpets, rag; 4; carriages and sleds, children's; 1; cars and general shop construction and repairs by street-railroad companies; 2; cars and general shop construction and repairs by street-railroad companies; 4; cars, steam-railroad, not including operations of railroad companies; 1; cement; 1; chocolate and cocoa products; 2; clocks and watches, including cases and materials; 2; cordage and twine and jute and linen goods; 1; cordials and syrups; 4; corsets; 1; cutlery and tools, not elsewhere specified; 3; dairymen's, poultrymen's, and apiarists' supplies; 2; engraving and diesing; 2; fancy articles, not elsewhere specified; 1; fertilizers; 2; files; 1; fireworks; 1; flags, banners, regalia, society banners, and emblems; 3; flavoring extracts; 2; fur goods; 7; gas; 1; gas-trimming; 1; gas, illuminating and heating; 3; glass; 2; glasses, cutting, staining, and ornamenting; 12; glue; 3; gold and silver, reducing and refining, not from the ore; 1; grease and tallow; 4; hair work; 4; hats and caps, other than felt, straw, and wool; 4; hats, fur-felt; 2; hosiery and knit goods; 3; house-furnishing goods, not elsewhere specified; 2; ink, printing; 1; instruments, professional and scientific; 4; iron and steel, steel works and rolling mills; 1; iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills; 1; iron and steel forgings; 2; jewelry

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

1 ALAMEDA.	51	1,076	50	36	48	27	915	896	17	2	1,098	1,075	20	3		1,526
2 BAKERSFIELD.	27	844	20	19	50	9	746	742	2	2	849	844	3	2		910
3 BERKELEY.	84	1,420	115	63	37	37	1,084	924	15	2	1,093	846	134	12	2	2,433
4 EUREKA.	48	1,075	30	35	44	20	946	897	46	3	868	832	42	3		8,901
5 FRESNO.	76	2,262	43	104	135	42	1,938	1,168	745	25	2,043	1,568	1,001	15	19	3,403
6 LONG BEACH.	51	413	49	25	47	15	277	262	14	1	320	303	16	1		1,450
7 PASADENA.	88	708	92	27	56	34	499	355	121	23	704	501	170	3	30	969
8 POMONA.	30	285	32	15	14	10	224	111	113		510	253	257			354
9 REDLANDS.	17	111	28	17	51	7	127	127			200	167	31	2		439
10 RIVERSIDE.	53	399	56	26	21	29	267	253	12	2	317	301	14	2		700
11 SACRAMENTO.	211	5,266	219	217	233	83	4,514	4,032	464	18	4,760	4,252	489	19		8,517
12 SAN BERNARDINO.	41	883	38	19	87	10	729	714	10	6	773	757	11	5		1,411
13 SAN DIEGO.	117	1,440	99	84	138	48	1,071	955	102	14	1,230	1,097	117	14		3,269
14 SAN JOSE.	152	1,828	124	126	126	65	1,430	869	560	23	1,634	1,191	740	25	3	2,078
15 SANTA BARBARA.	51	382	43	24	30	20	265	246	16	3	297	276	18	1	2	491
16 SANTA CRUZ.	34	388	31	33	36	14	274	269	5		275	270	6	1	2	1,327
17 STOCKTON.	144	2,039	141	90	155	59	1,594	1,407	186	1	1,809	1,597	211	1		5,016
18 VALLEJO.	23	271	22	14	29	3	203	189	14		222	207	15			1,616

STATISTICS OF MANUFACTURES.

TOTALS FOR ALL INDUSTRIES IN CITIES OF 10,000 BUT LESS THAN 50,000 INHABITANTS: 1909—Continued.

CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES—Continued.

SAN FRANCISCO.

Capital.	EXPENSES.										Value of products.	Value added by manufacture.	
	Total.	Services.			Materials.			Miscellaneous.					
		Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.	Other.			
1 \$133,823,673	\$119,762,203	\$3,588,101	\$4,497,432	\$22,381,452	\$2,275,308	\$73,942,015	\$1,778,773	\$1,139,283	\$1,124,547	\$3,084,264	\$133,041,069	\$56,823,748	
2 77,670	128,474	8,425	965	60,636	488	49,843	4,011	170	.....	3,936	151,227	100,896
3 107,387	191,241	8,400	2,800	49,087	742	117,560	7,340	397	.....	4,825	210,617	92,225
4 172,973	253,045	15,000	10,785	26,392	2,916	179,334	4,620	658	.....	13,040	321,449	109,199
5 672,102	857,500	21,800	13,822	206,803	5,430	547,346	12,440	2,136	.....	50,463	976,361	423,885
6 310,858	469,289	26,026	15,001	141,027	4,392	216,227	10,853	567	1,369	44,827	496,026	275,407	
7 182,643	322,630	14,561	7,091	115,965	13,234	151,059	11,748	739	100	8,133	355,976	191,683	
8 3,612,789	4,556,077	109,825	128,612	1,002,810	88,562	2,876,703	95,952	10,800	.....	242,873	5,208,132	2,302,867
9 10,725	41,662	.....	3,425	72	72	35,087	1,800	7	.....	1,211	46,000	11,441
10 3,342,797	4,324,425	95,746	75,385	380,939	30,308	3,451,850	25,535	11,296	24,791	228,575	4,775,955	1,293,707	
11 456,930	485,463	28,840	10,156	204,308	14,745	178,732	26,815	1,599	3,389	22,789	552,212	360,735	
12 1,425,269	846,831	13,200	10,860	92,896	43,964	883,733	5,602	.....	.....	96,644	938,442	310,763
13 1,637,274	3,332,178	52,070	73,707	727,453	13,717	2,092,461	60,381	5,526	107,999	198,864	3,682,468	1,576,290	
14 403,342	1,077,201	19,060	61,585	252,131	7,741	639,652	28,143	1,349	13,644	63,396	1,224,563	577,170	
15 2,440,324	4,649,744	92,084	334,987	152,607	24,506	3,524,402	57,338	8,318	.....	455,502	4,972,739	1,453,831
16 432,292	229,441	9,576	6,108	39,132	2,790	140,497	1,200	2,465	4,170	14,503	271,526	119,239	
17 1,151,450	1,532,208	10,572	67,107	219,427	25,479	904,948	88,040	3,084	.....	154,452	1,717,508	788,071
18 1,196,560	1,846,173	30,474	20,772	219,538	3,585	1,190,763	9,948	5,256	.....	63,807	1,603,925	409,547
19 5,190,542	3,322,638	123,387	78,141	947,381	29,725	1,842,007	58,716	8,545	4,782	229,954	3,644,558	1,772,926	
20 163,140	284,543	17,575	12,820	77,311	3,239	139,482	9,566	360	900	31,230	322,040	179,319	
21 34,215	62,298	3,076	3,857	24,404	3,672	19,717	3,612	147	.....	3,013	69,873	46,484
22 1,832,348	2,650,901	25,932	58,191	88,651	21,917	2,386,815	4,800	2,969	.....	67,626	2,781,534	378,622
23 1,956,210	2,188,807	68,680	59,907	191,064	23,217	1,655,547	19,480	3,791	.....	166,542	2,435,567	756,833
24 10,849,081	9,150,014	437,633	296,977	2,689,886	175,278	4,725,985	149,874	32,713	66,800	574,708	9,622,401	4,721,128	
25 241,864	488,353	5,400	13,110	42,650	699	307,717	6,023	.....	.....	49,787	546,368	195,882
26 2,180,051	2,750,576	84,562	56,888	1,016,633	34,618	1,301,044	88,795	6,024	31,138	130,774	3,057,400	1,721,738	
27 1,139,061	1,846,758	52,837	56,910	256,513	12,196	1,419,869	2,402	.....	.....	24,115	1,971,325	457,513
28 323,662	265,071	11,170	13,050	79,493	1,118	147,224	2,896	327	900	13,913	300,640	152,298	
29 199,963	147,131	16,773	23,412	59,417	12,371	42,250	12,360	1,225	.....	1,850	161,301	117,680
30 1,659,385	211,117	15,680	7,056	69,140	59,062	13,944	.....	5,379	8,618	32,238	302,283	229,277
31 221,460	1,013,230	21,120	15,817	366,894	8,231	493,691	34,520	561	.....	72,396	1,121,151	619,229
32 724,661	696,063	22,793	18,691	203,539	3,689	344,754	15,520	1,897	.....	68,129	842,776	494,333
33 2,479,329	3,267,725	70,102	32,606	415,217	30,606	2,624,039	1,800	4,070	.....	122,425	3,622,171	967,523
34 7,567,270	2,974,499	129,150	59,187	208,241	81,183	814,106	490,327	.....	.....	838,453	3,452,492	2,861,241
35 137,776	219,584	5,700	11,900	14,320	504	134,041	6,120	8,798	.....	88,135	236,821	102,240
36 2,832,701	4,081,117	179,453	95,310	1,346,671	40,941	2,092,422	116,684	11,721	2,910	196,085	4,377,645	2,244,262	
37 1,221,433	1,529,253	68,298	64,312	413,111	24,839	772,530	17,636	6,357	109,979	52,231	1,634,982	837,613	
38 782,669	985,054	43,733	33,932	172,549	8,038	568,358	22,598	2,133	.....	133,713	1,036,296	459,900
39 212,443	254,219	10,800	9,910	60,629	2,152	146,102	11,070	191	.....	13,355	258,861	120,607
40 57,890	127,558	.....	3,400	66,073	3,250	41,263	6,389	170	254	6,102	153,149	108,639
41 60,223	39,326	2,800	530	17,869	681	13,182	1,170	351	.....	2,743	53,556	39,693
42 728,875	622,960	38,660	18,222	60,459	10,819	445,077	2,453	2,453	.....	39,050	757,914	302,038
43 644,029	838,154	82,285	71,658	82,223	6,381	373,677	21,200	4,303	340	185,353	989,062	609,034	
44 108,302	209,437	20,386	17,704	105,201	4,093	29,872	10,150	273	.....	21,758	228,051	194,086
45 7,100,659	10,650,236	577,082	1,317,509	3,094,155	99,665	3,056,510	270,649	17,519	506,884	1,709,903	12,201,232	9,044,757	
46 34,135	57,900	1,716	900	20,897	2,611	27,864	2,100	122	.....	3,737	63,303	34,876
47 2,656,492	9,742,956	67,935	67,439	337,397	39,892	8,803,680	31,920	7,228	.....	327,369	10,269,912	1,306,294
48 1,855,225	1,524,946	35,881	49,632	425,576	5,644	612,261	45,465	181,835	10,062	174,143	1,833,203	1,218,831	
49 63,004,964	33,717,795	740,704	1,060,211	5,214,062	1,288,786	22,548,318	388,431	234,665	224,897	2,047,721	38,133,423	14,346,322	

and instrument cases, 2; kaelin and ground earths, 1; labels and tags, 3; lapidary work, 3; lead, bar, pipe, and sheet, 1; looking-glass and picture frames, 8; malt, 3; mineral and soda waters, 14; mirrors, 3; musical instruments and materials, not specified, 2; oakum, 2; oil, not elsewhere specified, 4; optical goods, 2; paper goods, not elsewhere specified, 6; photographic apparatus and materials, 2; pumps, not including steam pumps, 2; roofing materials, 1; rubber goods, not elsewhere specified, 3; safes and vaults, 1; saws, 1; shipbuilding, including boat building, 10; shoddy, 1; signs and advertising novelties, 4; silk and silk goods, including throwsters, 1; silverware and plated ware, 1; soap, 8; sporting and athletic goods, 3; springs, steel, ear, and carriage, 1; stationery goods, not elsewhere specified, 1; statutory and art goods, by steam packing, 2; stereotyping and electrotyping, 2; stoves and furnaces, including gas and oil stoves, 4; sugar, refining, not including beet sugar, 1; sulphur, native, and mixed acids, 1; surgical appliances and artificial limbs, 4; type founding and printing materials, 1; typewriters and supplies, 1; upholstering materials, 3; vault lights and ventilators, 1; vinegar and cider, 2; wall plaster, 3; whips, 1; window shades and fixtures, 6; wirework, including wire rope and cable, 5; wood, turned and carved, 4; wool scouring, 1.

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES—COMBINED.

1 \$302,020	\$2,307,413	\$105,410	\$65,482	\$796,947	\$57,775	\$871,578	\$16,902	\$24,747	\$8,226	\$300,346	\$2,554,417	\$1,625,064
2 1,791,474	2,585,056	42,180	51,943	664,325	38,379	1,641,292	6,381	12,855	880	106,671	2,818,744	1,119,053
3 3,464,063	4,124,322	117,995	136,297	830,963	94,818	2,692,060	30,445	27,030	2,050	282,441	4,435,374	1,748,484
4 3,306,220	2,710,000	67,069	56,976	673,243	42,181	1,451,804	12,632	45,044	133,326	227,785	3,011,682	1,517,697
5 4,933,094	10,377,223	191,591	136,679	1,102,582	148,865	7,843,425	46,384	170,380	12,954	724,453	11,090,195	3,097,965
6 1,325,876	847,005	34,386	52,763	206,975	54,355	444,015	11,638	11,755	838	30,283	927,180	428,810
7 1,346,992	1,474,303	50,405	67,486	379,875	42,276	811,128	31,860	11,355	15,816	64,462	1,724,364	870,960
8 629,860	447,841	6,720	15,412	152,416	25,077	205,269	6,360	4,918	.....	31,876	650,661	329,454
9 1,104,473	27,448	25,349	49,632	100,327	29,565	209,040	6,319	6,239	207	28,578	518,320	279,715
10 1,101,927	1,000,010	18,429	31,112	213,594	43,016	624,222	8,608	7,036	2,095	51,898	1,177,962	510,724
11 1,097,168	12,783,480	345,551	270,664	3,917,667	334,236	6,589,262	75,501	226,333	22,734	1,031,442	13,796,911	7,083,413
12 1,242,110	1,559,669	25,763	68,707	639,079	68,841	694,443	6,800	16,104	.....	39,392	1,659,705	886,421
13 5,325,551	4,080,192	127,843	135,057	806,307	101,641	2,853,396	65,890	6,422	.....	475,359	4,756,990	2,074,130
14 3,815,492	3,068,338	126,621	126,621	940,888	136,898	3,106,181	51,453	229,791	12,534	372,347	3,610,427	2,367,348
15 894,508	1,034,458	34,027	29,103	196,864	30,164	666,125	13,339	6,805	1,282	56,749	1,169,195	472,906
16 2,605,342	1,057,828	50,001	27,301	210,874	23,228	644,647	9,053	25,196	16,800	51,028	1,161,269	493,394
17 8,249,970	1,673,035	194,951	180,919	1,305,544	125,018	8,195,150	28,431	83,773	6,569	552,680	11,849,25	

CHAPTER 6.

MINES AND QUARRIES.

Introduction.—The present chapter contains a complete statement of the statistics of all mining industries which include all mines, quarries, and wells in the state of California for the year 1909, as shown by the Thirteenth Census.

A brief explanation of the scope of the census of mining industries and of the terms used, in so far as the usage differs from that followed in the census of manufactures, is presented below in order to prevent any misinterpretation of the statistics.

The explanations here given show the usage of the mining census generally, though some of the special rules have obviously no relation to particular states which the industries referred to do not exist.

Scope of census.—The Thirteenth Census covered all classes of mines, quarries, and petroleum and gas wells that were in operation during any portion of the year 1909, both those which were producing and those whose operations were confined to development work. Mines, quarries, or wells that were idle during the entire year 1909 were omitted from the canvass. The following operations were likewise omitted from the canvass: Prospecting; the digging or dredging of sand and gravel for the construction of roads and for building operations; the production of mineral waters; and the operation of small bituminous coal banks producing less than 1,000 tons annually.

Where the mineral products are not marketed in their crude condition, but are dressed or washed at the mine or quarry, the statistics of mining cover the entire work of obtaining the crude material and its preparation for the market.

Period covered.—The returns cover the calendar year 1909, or the business year which corresponds most nearly to that calendar year. The statistics cover a year's operations, except for enterprises which began or discontinued business during the year.

Number of operators.—As a rule, the unit of enumeration was the "operator." Every individual, firm, or corporation was required to furnish one report for all mines, quarries, or wells which were operated under the same management or for which one set of books of account was kept. Separate reports were obtained for all properties operated in different states, even where they were owned by the same operator. Likewise, where the operations of one individual, firm, or corporation covered more than one class of mines and quarries, such as coal, iron, limestone, etc., a separate report was received for each industry.

Number of mines, quarries, and wells.—This figure represents the total number of mines and quarries in operation or in the course of development at any time during the calendar year 1909, or the business year that corresponds most nearly to that calendar year, and the number of completed petroleum and natural gas wells in operation on December 31, 1909.

In most mining and quarrying industries the number of mines or quarries varies but little from the number of operators.

Expenses of operation and development.—A certain amount of development work is incidental to the operation of every mine. The expenses reported for producing mines include the cost both of operation and of development work which was done in connection with operation.

Wages.—The amount shown as wages includes only the compensation of regular wage earners hired by the day, week, or month, or under the piecework system.

Supplies and materials.—This item includes the cost of lumber and timber used for repairs, mine supports, track ties, etc.; iron and steel for blacksmithing; rails, frogs, sleepers, etc., for tracks and repairs; renewals of tools and machinery and materials for repairs; and supplies, explosives, oil, etc., as well as the cost of fuel and the rent of power. The schedule called only for the cost of such supplies and materials as had been used during the year covered by the report. Accurate figures, however, could be furnished only in those cases where the operators kept an account of supplies and materials used, or had an inventory made of all in stock at the beginning and at the end of the year. Such a system of accounting is far from general among mine operators, and there is reason to believe that in many cases the reported cost of supplies and materials covered all purchased during the year rather than those used during the year. The crude product of some operators was purchased by others for further dressing or refining; the cost of such materials is shown separately in the general table.

Capital.—The census schedule required every operator to state the total amount of capital invested in the enterprise on the last day of the business year reported, as shown by his books. There is, however, a great diversity in the methods of bookkeeping in use by different operators. As a result, the statistics for capital lack uniformity. Some of the figures reported apparently represent capital stock at face value; others include large investments in mineral lands which are not at present being actively mined, but are held in reserve; still others may include expenditures for unproductive mining ventures in no way related to the operations carried on during the census year.

Persons engaged in mining industries.—The statistics of the number of operators and officials, clerks, and wage earners, are based on the returns for December 15, or the nearest representative day. The reported number of wage earners includes overseers and foremen performing work similar to that of the men over whom they have charge; those whose duties are wholly supervisory are classed as superintendents and managers. Because of the common practice of shutting down mines at frequent intervals, it is impossible to ascertain with any satisfactory degree of accuracy the average number of employees—that is, the number who, if continuously employed, would be required to produce the actual output of the year.

Value of products.—Statistics of the value of mineral products were obtained by the Bureau of the Census in cooperation with the United States Geological Survey, but the two bureaus follow different methods in presenting these statistics. The Geological Survey shows separately the value of each mineral product, whereas the Bureau of the Census presents the value of products of each mining industry. The value of products given for a mining industry often includes the value of some products not covered by the industry designation. The crude product of metalliferous mines may include varying combinations of metals, such as gold, silver, copper, lead, zinc, and iron. Similarly, the total value of all products of the granite quarries is not identical with the value of the total output of granite, but may include the value of some marble or other stone quarried in connection with the principal product.

The value of products for 1909 in most cases represents the value of the products marketed during that year, not the value of those mined during that year.

MINING IN CALIFORNIA.

Summary.—Statistics for all mining enterprises in the state of California, including smelters, concentrating mills, and cyaniding plants operated in connection with gold and silver and copper mines, are presented in Table 8. This table gives statistics for all industries combined and for producing enterprises separately in all cases where the statistics could be given without disclosing the operations of an individual enterprise. Statistics for the most important nonproducing enterprises are also given separately.

The gross output of all mining industries in California in 1909 was valued at \$63,382,454. Deducting from this amount, \$2,762,660, the value of the gold and silver and copper ore sold by some establishments and used as materials by others, and the natural gas sold by some producers to others who sold it again, leaves \$60,619,794 as the net value of the products. Of this amount, petroleum and natural gas contributed \$29,306,185, or almost one-half. Gold and silver mining, the industry second in importance, reported products valued at \$18,324,618, of which amount, \$9,573,586 was produced at deep mines, and \$8,751,032 at placer mines. The next industry in importance was the production of copper, the net value of which amounted to \$7,463,233. California ranked fifth among the states in the total net value of all mineral products, second in the value of petroleum and natural gas, and second and fifth, respectively, in the value of gold and silver and copper produced.

In the operation of gypsum mines the expenses of operation and development exceeded the value of the products. This was due in part to unprofitable mining ventures and in part to expenditures for development work which added to the permanent value of the mining properties.

Character of organization.—Table 1 classifies the producing mining operations of the state under form of organization, distinguishing corporations from individual owners and firms, while Table 2 gives further details for incorporated enterprises distinguished from those which are unincorporated. Out of a total of 1,329 operators for all industries combined, 587, or 44.2 per cent, were corporations. These corporations reported 91 per cent of the total value of products and employed 85 per cent of all wage earners. In the petroleum and natural gas industry 95.7 per cent of the value of products was reported by corporations.

Table 1

INDUSTRY AND CHARACTER OF ORGANIZATION.	PRODUCING ENTERPRISES: 1909						
	Number of operators.	Number of wage earners.	Value of products.		Per cent distribution.		
			Total.	Per operator.	Operators.	Wage earners.	Value of products.
All industries.	1,329	23,358	\$63,382,454	\$47,892	100.0	100.0	100.0
Individual.....	304	1,432	2,514,038	6,907	27.4	6.1	4.0
Firm.....	571	1,902	3,127,978	8,431	27.9	8.5	4.9
Corporation.....	587	19,852	57,651,197	98,213	44.2	85.0	91.0
Other.....	7	82	89,241	12,749	0.5	0.4	0.1
Petroleum and natural gas.	339	7,007	29,310,335	86,461	100.0	100.0	100.0
Individual.....	49	166	943,566	19,256	14.5	2.4	3.2
Firm.....	26	66	303,559	11,675	7.7	0.9	1.0
Corporation.....	264	6,775	28,663,210	106,300	77.9	96.7	95.7
Gold and silver, Deep mines.	395	6,622	9,690,956	24,534	100.0	100.0	100.0
Individual.....	103	531	616,678	4,987	26.1	8.0	6.4
Firm.....	152	897	1,072,531	7,056	38.5	13.5	11.1
Corporation.....	136	5,146	7,976,255	58,649	34.4	77.7	82.3
Other.....	4	48	25,492	6,373	1.0	0.7	0.3
Placer gold.	292	3,073	8,751,032	22,324	100.0	100.0	100.0
Individual.....	148	366	526,837	3,560	37.8	11.9	6.0
Firm.....	161	522	338,870	3,347	41.1	17.0	8.2
Corporation.....	83	2,185	7,685,325	92,594	21.2	71.1	87.8

Table 2

	Incorporated.	Unincorporated.
Number of operators.....	587	742
Number of mines and quarries.....	463	816
Number of wells.....	3,777	539
Proprietors and firm members, total.....		1,799
Number performing manual labor.....		856
Salaries employees:		
Officers of corporations.....	370	.....
Superintendents and managers.....	684	74
Clerks and other salaried employees.....	879	55
Wage earners, Dec. 15, 1909, or nearest representative day.....	19,852	3,506
Capital.....	\$236,335,964	\$17,041,588
Expenses of operation and development.....	47,564,683	5,000,595
Salaries—		
Officers of corporations.....	675,183	.....
Superintendents and managers.....	1,336,724	143,380
Clerks and other salaried employees.....	791,900	59,592
Wages.....	16,689,888	2,359,554
Royalties and rent of mines.....	2,299,382	514,277
Taxes.....	508,834	68,112
Supplies and miscellaneous expenses.....	22,929,602	1,463,590
Cost of ore purchased and of natural gas purchased and resold.....	2,370,570	392,090
Value of products.....	57,651,197	5,731,257

Size of enterprises.—In Table 3 the producing mining enterprises are classified according to the number of wage earners employed per enterprise or operating unit. Of the 1,333 enterprises reported, only 44 employed over 100 wage earners each. These enterprises, however, reported 45 per cent of all wage earners. In the copper industry 7 enterprises, each of which employed over 100 wage earners, reported 85.4 per cent of the wage earners in that industry.

Table 3

INDUSTRY AND WAGE EARNERS PER ENTERPRISE.	PRODUCING ENTERPRISES: 1909			
	Enterprises.		Wage earners.	
	Number.	Per cent distribution.	Number.	Per cent distribution.
All industries	1,333	100.0	23,358	100.0
No wage earners.....	179	13.4	.....	.....
Contract work and part-time employees.....	55	4.1	.....	.....
1 to 5.....	530	39.8	1,374	5.9
6 to 20.....	349	26.2	3,904	16.7
21 to 50.....	128	9.6	4,043	17.3
51 to 100.....	48	3.6	3,518	15.1
Over 100.....	44	3.3	10,519	45.0
Petroleum and natural gas	342	100.0	7,007	100.0
No wage earners.....	10	2.9	.....	.....
Contract work and part-time employees.....	50	14.6	.....	.....
1 to 5.....	98	28.7	306	4.3
6 to 20.....	132	38.6	1,479	21.1
21 to 50.....	31	9.1	969	13.8
51 to 100.....	9	2.6	586	8.4
Over 100.....	12	3.5	3,669	52.4
Copper	14	100.0	2,510	100.0
1 to 100.....	7	50.0	366	14.6
Over 100.....	7	50.0	2,144	85.4
Gold and silver, Deep mines	395	100.0	6,622	100.0
No wage earners.....	70	17.7	.....	.....
Contract work.....	2	0.5	.....	.....
1 to 5.....	162	41.0	414	6.3
6 to 20.....	86	21.8	967	14.6
21 to 50.....	46	11.6	1,362	20.6
51 to 100.....	13	3.3	1,040	15.7
Over 100.....	16	4.1	2,839	42.9
Placer gold	392	100.0	3,073	100.0
No wage earners.....	96	24.5	.....	.....
Contract work.....	1	0.3	.....	.....
1 to 5.....	197	50.3	458	14.9
6 to 20.....	71	18.1	774	25.2
21 to 50.....	18	4.6	638	20.8
Over 50.....	9	2.3	1,303	39.1

Persons employed in mining.—While the petroleum and natural gas industry ranks first among the mining enterprises when measured by the value of products, gold and silver holds the first place when measured by the number of persons employed, the total number employed in deep and placer mines aggregating 11,768, as compared with 8,081 engaged in the petroleum and natural gas industry. Of the total of 31,938 persons employed in all industries on December 15, 1909, or the nearest representative day, 26,978 were wage earners, 2,509 were salaried employees, and 2,451 were proprietors and firm members, of whom 1,145 performed manual labor in or about the mines.

Prevailing hours of labor.—In Table 4 all producing mines and quarries, except those employing no wage earners and those operated exclusively by contract work and part-time employees, have been classified according to the prevailing hours of labor in each enterprise or operating unit. Petroleum and natural

gas wells are not included in the table because the lack of regularity in the number of hours worked per day in a large number of enterprises rendered such classification impracticable. The table shows the percentage of the total number of enterprises falling in each group, and also a per cent distribution in which each enterprise has been given a weight according to the total number of wage earners employed December 15, 1909, or the nearest representative day. It should be borne in mind that this latter distribution does not show the exact proportion of the total number of wage earners working the specified number of hours per day, since, in some cases, a part of the employees worked a greater or less number of hours than those generally prevailing in the enterprise.

For all industries combined and for each of the principal industries a day of eight hours prevailed in over three-fourths of the enterprises weighted according to the number of wage earners.

Table 4

INDUSTRY AND HOURS PER DAY.	PRODUCING ENTERPRISES: 1909		
	Enterprises.		Per cent distribution of enterprises weighted according to number of wage earners.
	Number.	Per cent distribution.	
All industries	820	100.0	100.0
8 hours and under.....	603	73.5	79.9
9 hours.....	103	12.6	10.2
10 hours.....	109	13.3	9.6
11 hours.....	2	0.2	0.1
12 hours.....	3	0.4	0.1
Copper	16	100.0	100.0
8 hours.....	14	87.5	94.6
9 hours.....	2	12.5	5.4
Gold and silver, Deep mines	323	100.0	100.0
8 hours and under.....	293	90.7	97.0
9 hours.....	17	5.3	2.3
10 hours.....	12	3.7	0.7
12 hours.....	1	0.3	(¹)
Placer gold	295	100.0	100.0
8 hours and under.....	201	68.1	77.5
9 hours.....	29	9.8	13.7
10 hours.....	63	21.4	8.3
11 hours.....	1	0.3	0.2
12 hours.....	1	0.3	0.2

¹ Exclusive of petroleum and natural gas.
² Less than one-tenth of 1 per cent.

Engines and power.—As shown by Table 5, the aggregate horsepower employed in producing mining enterprises was 162,238, of which 118,986 was developed by engines and water wheels and motors owned by the operators using them, and 43,252 horsepower by

electric motors operated by purchased current. In the petroleum and natural gas industry 76,589 horsepower was employed, while in gold and silver (deep mines) 40,360 horsepower was employed.

In addition to the power used by the producing enterprises, 18,826 horsepower was employed by non-producing enterprises, making a total of 181,064 horsepower employed in all enterprises in the state.

Table 5

CHARACTER OF POWER.	PRODUCING ENTERPRISES: 1909											
	Total.	Petroleum and natural gas.	Copper.	Gold and silver, Deep mines.	Placer gold.	Granite.	Trap-rock.	Limestone.	Sandstone.	Quick-silver.	Gypsum.	All other.
Primary power:												
Aggregate horsepower.....	162,238	76,589	11,157	40,360	18,867	3,381	7,684	425	1,214	727	790	1,044
Owned.....	118,986	76,559	3,434	27,951	3,392	2,124	1,913	260	954	727	790	882
Steam engines—												
Number.....	3,022	2,712	19	169	28	49	22	2	14	8	3	5
Horsepower.....	73,150	56,638	3,390	7,103	800	1,781	1,015	50	954	487	750	182
Gas or gasoline engines—												
Number.....	1,118	930	1	104	12	17	15	4	.....	6	1	28
Horsepower.....	24,353	19,921	44	1,937	279	311	898	210	.....	123	40	590
Water wheels—												
Number.....	1,520	.....	.....	2,417	389	1	.....	.....	.....	4	.....	49
Horsepower.....	21,483	.....	.....	18,911	2,313	32	.....	.....	.....	117	.....	110
Electric motors operated by purchased current—												
Number.....	972	3	120	265	396	26	140	7	8	.....	.....	7
Horsepower.....	43,252	30	7,723	12,409	15,475	1,257	5,771	165	260	.....	.....	162
Electric motors run by current generated by enterprise using:												
Number.....	159	6	12	93	23	8	7	.....	.....	9	.....	1
Horsepower.....	4,829	100	145	3,395	625	310	60	.....	.....	179	.....	15

¹ Includes 61 water motors of 902 horsepower.

² Includes 49 water motors of 805 horsepower.

³ Includes 4 water motors of 12 horsepower.

⁴ Includes 8 water motors of 85 horsepower.

Nonproducing enterprises.—Table 6 presents statistics comparing producing and nonproducing enterprises. In the latter are included the enterprises which were still in the development stage as well as those which were productive in the past but whose operations in 1909 were confined to the maintenance of the property or to development work with a view to renewing production. Out of a total of 2,021 operators, 692, or 34.2 per cent, were of this class, and the capital invested by them represented 11 per cent of the total capital invested in all mining enterprises. The principal industries in which the nonproducing activities occurred were in the production of gold and silver and petroleum and natural gas. Of the \$31,260,935 of capital invested in all nonproducing enterprises, \$18,100,862 was invested in gold and silver mines, of which \$15,954,784 represented the investment in deep mines and \$2,146,078 the investment in placer mines. Thus of the total investment in non-producing enterprises, 57.9 per cent was invested in the two types of gold and silver mines. Petroleum and natural gas, the industry next in importance in this group, reported a capital investment of \$11,904,813.

Table 6

	All enterprises.	Producing enterprises.	NONPRODUCING ENTERPRISES.	
			Number or amount.	Per cent of total.
Number of operators.....	2,021	1,329	692	34.2
Number of mines, quarries, and wells.....	6,510	5,595	915	14.1
Persons engaged in industry total.....	31,938	27,219	4,719	14.8
Proprietors and firm members, total.....	2,451	1,799	652	26.6
Number performing manual labor.....	1,145	856	289	25.2
Salaried employees.....	2,509	2,062	447	17.8
Wage earners, Dec. 15, 1909, or nearest representative day.....	26,978	23,358	3,620	13.4
Above ground.....	18,381	16,287	2,094	11.4
Below ground.....	8,597	7,071	1,526	17.8
Engineers, firemen, mechanics, etc.....	8,660	7,458	1,202	13.9
Miners, miners' helpers, quarrymen, and stonecutters.....	11,962	10,107	1,855	15.5
All other employees.....	6,356	5,793	563	8.9
Land controlled, acres.....	1,062,596	827,285	235,311	22.1
Primary horsepower.....	181,064	162,238	18,826	10.4
Capital.....	\$284,838,487	\$253,577,552	\$31,260,935	11.0
Expenses of operation and development.....	61,251,185	52,565,278	8,685,907	14.2
Services.....	24,531,641	22,018,221	2,513,420	10.2
Salaries.....	3,378,805	2,968,779	410,026	12.1
Wages.....	21,152,836	19,049,442	2,103,394	9.9
Supplies, including fuel and rent of power.....	29,830,100	24,327,955	5,502,145	18.4
Contract work.....	783,973	595,130	188,843	24.1
Rent of offices and other sundry expenses.....	6,105,471	5,623,972	481,499	7.9

The total expenditure during the year by non-producing mines was \$8,685,907, or 14.2 per cent of the total expenditures by all mines and quarries. Of the total number of wage earners employed, 13.4 per cent were employed in these nonproducing enterprises. This, however, does not represent the total number of persons engaged in such industries, since persons employed in prospecting are omitted from the statistics.

Comparison of mining industries: 1902-1909.—In order to make comparisons between 1909 and 1902 it is necessary to omit from the 1902 figures, as given in the mines and quarries report for that year, statistics for the production of cement and enterprises operated by governmental institutions; to omit from the 1909 figures, as they appear in other tables in this chapter, statistics for the operation of copper smelters; and to add to the 1909 statistics, figures for the production of lime, which were omitted from the census of mines and quarries in 1909. Such items as are comparable for the two years are presented in Table 7.

The greater part of the increase in the value of products in California was due to the increased production of petroleum and natural gas, the value of which

increased from less than \$5,000,000 in 1902 to over \$29,000,000 in 1909.

Table 7	PRODUCING ENTERPRISES.		
	1909	1902	Per cent of increase. ¹
Wages and salaries.....	\$21,430,590	\$12,842,486	66.9
Supplies and materials.....	\$29,403,653	\$5,533,835	209.8
Royalties and rent of mines.....	\$2,814,226	\$685,982	310.3
Contract work.....	\$406,568	\$520,894	-4.7
Value of products.....	\$59,012,946	\$28,611,307	106.3
Primary horsepower.....	155,115	69,532	123.1

¹ A minus sign (-) denotes decrease.

² Exclusive of amount paid to miners compensated by a share of the product and also of the wages of part-time employees for the petroleum and natural gas industry, which are included under "Contract work," in Table 8.

Duplication between manufactures and mining.—In a number of industries some of the operators subjected the products obtained to certain manufacturing processes on the premises before marketing. These enterprises have been included in the statistics both for manufactures and for mining. As a result of this fact the combined value of products for the manufacturing and mining industries in California involves a duplication of \$9,317,878.

Table S	Aggregate.	PRODUCING MINES, QUARRIES, AND WELLS.								
		Total.	Petroleum and natural gas.	Copper.	Gold and silver, Deep mines.	Placer gold.	Granite.	Traprock.	Limestone.	
1	Number of operators.....	2,021	1,329	339	9	395	302	62	43	11
2	Number of mines, quarries, and wells.....	6,510	5,595	4,316	16	581	435	71	50	15
3	Capital.....	\$ 284,838,487	\$ 253,577,552	\$144,176,437	\$15,082,939	\$38,104,583	\$40,698,628	\$1,756,610	\$2,415,931	\$124,327
4	Expenses of operation and development.....	\$61,251,185	\$52,565,278	\$25,210,087	\$7,749,834	\$9,467,344	\$5,608,855	\$1,225,519	\$1,317,499	\$306,479
5	Services—									
6	Salaried officers of corporations, superintendents, and managers.....	\$ 2,551,869	\$ 2,177,287	\$952,269	\$123,322	\$441,471	\$208,719	\$63,654	\$97,554	\$20,869
7	Clerks and other salaried employees.....	\$ 826,936	\$ 791,492	\$353,526	\$99,799	\$102,723	\$50,192	\$16,922	\$32,526	\$4,605
8	Wage earners.....	\$21,152,336	\$19,049,442	\$6,727,857	\$2,396,914	\$5,135,333	\$2,120,827	\$917,535	\$658,008	\$163,432
9	Miscellaneous—									
10	Supplies.....	\$24,653,469	\$18,789,652	\$12,532,920	\$1,225,058	\$2,302,615	\$1,991,334	\$110,740	\$252,905	\$65,162
11	Cost of ore purchased and natural gas purchased and resold.....	\$2,762,660	\$2,762,660	\$4,150	\$2,641,140	\$117,370				
12	Fuel and rent of power.....	\$3,013,971	\$2,775,643	\$126,766	\$1,085,253	\$769,969	\$541,991	\$45,346	\$77,350	\$9,331
13	Royalties and rent of mines.....	\$2,848,061	\$2,814,259	\$2,464,983	\$29,212	\$84,791	\$123,595	\$22,538	\$75,561	\$5,752
14	Taxes.....	\$626,456	\$576,946	\$276,609	\$45,603	\$122,656	\$91,600	\$9,158	\$7,115	\$1,301
15	Contract work.....	\$ 783,973	\$ 895,130	\$ 272,633		\$ 89,842	\$ 73,054		\$13,922	\$ 24,641
16	Rent of offices and other sundry expenses.....	\$ 2,630,954	\$ 2,232,767	\$1,502,314	\$98,353	\$290,574	\$348,233	\$39,626	\$102,558	\$11,886
17	Value of products.....	\$63,382,454	\$63,382,454	\$29,310,335	\$10,104,373	\$9,690,956	\$8,751,032	\$1,518,916	\$1,404,401	\$388,486
18	Persons engaged in industry.....	\$ 31,938	\$ 27,219	8,081	2,635	7,896	3,872	1,445	1,417	255
19	Proprietors and officials.....	\$ 3,934	\$ 2,927	651	33	1,173	721	104	90	19
20	Proprietors and firm members.....	2,451	1,799	113		949	589	65	22	6
21	Number performing manual labor.....	1,145	856	13		337	421	50	2	3
22	Salaried officers of corporations.....	\$ 484	\$ 370	193	10	57	35	16	29	5
23	Superintendents and managers.....	\$ 999	\$ 758	345	23	167	97	23	39	8
24	Clerks and other salaried employees.....	\$ 1,026	\$ 934	423	92	301	178	23	65	22
25	Wage earners, Dec. 15, 1909, or nearest representative day.....	26,978	23,358	7,007	2,510	6,622	3,073	1,318	1,262	244
26	Above ground.....	18,281	16,287	7,007	1,203	1,842	2,494	1,318	1,262	244
27	Below ground.....	8,597	7,071			4,780	579			
28	Men 16 years of age and over.....	26,970	23,530	7,006	2,510	6,617	3,073	1,316	1,262	244
29	Engineers, firemen, mechanics, etc.....	8,669	7,458	5,049	325	1,045	596	147	137	15
30	Above ground.....	8,391	7,238	5,049	224	955	567	147	137	15
31	Below ground.....	269	220		91	29	29			
32	Miners, miners' helpers, quarrymen, and stonecutters.....	11,962	10,107		1,172	4,279	1,697	956	966	192
33	Above ground.....	4,286	3,898		18	141	1,153	956	966	192
34	Below ground.....	7,676	6,209		1,154	4,138	544			
35	All other employees.....	6,348	5,785	1,957	1,013	1,293	780	213	159	37
36	Above ground.....	5,998	5,145	1,957	951	743	774	213	159	37
37	Below ground.....	650	640		62	550	6			
38	Boys under 16 years of age.....	8	8	1		5		2		
39	Number of wage earners employed on the 15th day of each month:									
40	January.....	20,597	19,077	5,657	2,150	5,321	2,403	1,159	1,023	256
41	February.....	20,507	18,974	5,659	2,219	5,256	2,407	1,102	1,000	245
42	March.....	21,154	19,583	5,910	2,256	5,434	2,337	1,164	1,213	214
43	April.....	21,794	20,990	6,122	2,206	5,403	2,392	1,124	1,387	217
44	May.....	22,409	20,558	6,199	2,245	5,520	2,544	1,097	1,445	235
45	June.....	22,401	20,458	5,992	2,255	5,688	2,534	1,164	1,411	229
46	July.....	23,133	20,957	6,261	2,459	5,697	2,568	1,181	1,326	249
47	August.....	23,271	20,898	6,257	2,517	5,610	2,487	1,244	1,308	275
48	September.....	23,958	21,501	6,471	2,635	5,720	2,544	1,378	1,271	261
49	October.....	24,039	21,427	6,714	2,678	5,631	2,501	1,239	1,249	248
50	November.....	23,812	21,162	6,796	2,617	5,447	2,452	1,189	1,305	247
51	December.....	24,155	21,516	6,971	2,481	5,633	2,526	1,284	1,218	242
52	Land controlled, acres.....	1,062,596	827,285	455,444	9,957	108,795	123,158	7,743	6,955	1,751
53	Owned.....	588,234	427,112	107,074	9,877	97,019	108,741	7,062	2,359	1,454
54	Held under lease.....	474,362	400,173	348,370	80	11,776	14,417	681	4,596	297
55	Mineral and oil land.....	990,885	765,805	455,444	6,817	98,302	110,251	7,400	4,937	1,666
56	Owned.....	521,923	370,667	107,074	6,737	88,403	104,094	6,719	1,544	1,454
57	Held under lease.....	468,962	395,138	348,370	80	10,259	12,157	681	3,393	212
58	Timber land.....	13,305	12,545			6,702	700	73		
59	Other land.....	58,406	48,935		3,140	3,791	6,207	270	2,018	85
60	Primary horsepower.....	181,064	162,238	76,589	11,157	40,360	18,867	3,381	7,684	425

¹ Includes operators as follows: Asphalt and bituminous rock, 2; bituminous coal, 2; borax, 2; feldspar, 1; fuller's earth, 1; infusorial earth, 2; mineral pigments, 2; pyrite, 1; slate, 1; talc and soapstone, 1.

² Includes operators as follows: Asbestos, 1; bituminous coal, 1; borax, 1; clay, 2; feldspar, 1; graphite, 1; gypsum, 3; infusorial earth, 1; limestone, 1; lithium, 1; magnesite, 1; manganese, 1; marble, 3; mineral pigments, 1; molybdenum, 2; precious stones, 4; tungsten, 2.

³ Includes \$2,307,793 which could not be distributed among the several industries.

STATISTICS OF MINES AND QUARRIES.

MINING INDUSTRIES: 1909.

PRODUCING MINES, QUARRIES, AND WELLS—continued.										NONPRODUCING MINES, QUARRIES, AND WELLS.					
San- stone.	Marble.	Quick- silver.	Tung- sten.	Precious stones.	Gypsum.	Clay (sold as such).	Magne- siste.	All other. ¹	Total.	Gold and silver, Deep mines.	Placer gold.	Petroleum and natural gas.	Quick- silver.	All other. ²	
1	20	8	10	3	7	5	7	6	692	397	85	168	15	27	
2	19	15	10	9	8	12	8	13	915	709	115	24	25	42	
3	\$181,226	\$514,216	\$2,594,500	\$134,928	\$251,919	\$392,968	\$178,500	\$39,016	\$4,272,977	\$31,260,935	\$15,654,784	\$2,146,078	\$11,904,813	\$846,900	\$406,360
4	\$263,351	\$54,614	\$585,165	\$114,065	\$68,129	\$118,847	\$56,114	\$62,444	\$357,032	\$8,685,907	\$1,947,920	\$335,843	\$6,244,528	\$88,671	\$87,845
5	\$12,644	\$2,700	\$49,316	\$9,301	\$6,700	\$12,800	\$7,080	\$5,338	\$26,450	\$374,582	\$186,792	\$35,286	\$134,557	\$7,050	\$10,897
6	\$5,342	\$27,596	\$7,540			\$5,897	\$425	\$2,105	\$12,136	\$35,444	\$10,746	\$775	\$22,423	\$900	\$600
7	\$155,285	\$27,596	\$339,375	\$71,201	\$41,170	\$41,827	\$29,408	\$32,479	\$189,195	\$2,103,394	\$997,596	\$164,809	\$844,707	\$63,354	\$32,828
8	\$63,046	\$15,810	\$91,753	\$21,010	\$16,895	\$16,997	\$11,608	\$6,282	\$25,517	\$5,263,817	\$478,110	\$105,008	\$4,659,533	\$9,292	\$11,874
9															
10	\$14,874	\$702	\$50,465	\$3,951		\$13,896	\$540	\$7,556	\$27,743	\$238,328	\$61,136	\$6,154	\$168,675	\$1,970	\$393
11	\$5,910		\$5,268			\$1,917	\$279	\$253	\$200	\$33,802	\$4,813	\$1,000	\$27,989		
12	\$3,158	\$969	\$6,415	\$124	\$328	\$838	\$504	\$252	\$7,856	\$49,510	\$19,007	\$2,888	\$24,088	\$2,920	\$607
13	\$450		\$9,878			\$12,723	\$250	\$7,113	\$188,843	\$188,843	\$58,792	\$11,812	\$127,044		\$1,015
14	\$4,642	\$6,737	\$25,155	\$8,478	\$3,696	\$11,962	\$6,020	\$8,179	\$30,822	\$98,187	\$136,748	\$18,111	\$235,512	\$4,185	\$9,631
15	\$289,578	\$89,467	\$728,095	\$191,795	\$110,339	\$103,846	\$74,404	\$88,463	\$578,968						
16	348	38	492	72	34	100	46	84	270	4,719	2,634	521	1,411	122	131
17	23	11	21	12	9	11	7	8	22	1,007	623	131	196	16	39
18	15	9	3	3		3	5	3	9	652	470	98	46	6	30
19	12	2		4		3	4	2	3	289	183	74	16	8	10
20	1		6		3	2	1	2	6	114	43	11	51	4	5
21	7	2	12	4	6	7	7	3	7	241	110	22	101	4	4
22	5		9		7	2	2	13	9	92	25	4	61	1	1
23	320	25	462	60	25	82	39	74	235	3,620	1,886	386	1,152	105	91
24	320	25	219	22	16	82	39	57	137	2,094	593	224	1,152	49	76
25	25		243	38	9	82	39	17	98	1,526	1,293	162		56	15
26	320	25	462	60	25	82	39	74	235	3,620	1,886	386	1,152	105	91
27	13	1	56	4		24		7	34	1,202	267	57	837	13	8
28	18	1	54	4		24		7	26	1,153	246	50	837	13	7
29			2					8	49	49	41	7			1
30	270	15	280	40	24	21	34	33	128	1,855	1,413	292		77	73
31	270	15	61	2	15	21	34	16	38	388	171	137		21	59
32			219	38	9			17	90	1,467	1,242	155		56	14
33	32	9	126	16	1	37	5	34	73	563	196	37	315	15	10
34	32	9	104	16	1	37	5	34	73	553	176	37	315	15	10
35			22							10	10				
36															
37	169	34	438	61	51	54	37	50	214	1,520	871	123	445	44	37
38	180	35	429	62	37	55	36	39	213	1,533	855	125	477	42	34
39	169	45	410	60	41	38	42	219	219	1,371	827	128	542	43	31
40	226	43	413	60	35	63	36	40	223	1,704	917	138	571	47	31
41	335	47	441	53	36	64	34	44	214	1,851	968	194	609	45	35
42	269	42	423	61	34	51	37	52	216	1,943	975	213	628	90	37
43	271	37	429	57	34	55	40	56	228	2,176	1,073	289	671	91	52
44	284	25	432	54	35	52	58	54	206	2,373	1,200	297	721	90	65
45	293	24	427	56	28	56	75	54	208	2,482	1,258	300	772	93	59
46	311	23	392	42	20	74	36	52	217	2,612	1,317	276	860	98	61
47	225	19	411	59	22	68	37	51	217	2,650	1,231	283	970	104	62
48	225	21	451	58	25	69	34	51	227	2,639	1,227	226	1,025	104	57
49	3,492	1,464	21,701	1,160	1,138	18,000	1,264	2,369	82,894	235,311	58,014	39,871	103,281	8,129	26,218
50	1,372	1,964	18,661	1,160	1,138	4,200	1,258	1,969	62,774	161,122	49,364	32,213	51,750	7,789	20,028
51	2,120	100	3,040			13,800	6	800	120	74,189	8,650	7,458	51,531	360	6,190
52	2,682	1,304	13,456	1,160	1,138	18,000	1,264	2,366	33,678	225,080	55,453	38,691	103,281	1,749	25,996
53	562	1,204	10,416	1,160	1,138	4,200	1,258	1,966	35,558	151,256	46,808	31,203	51,750	1,749	19,746
54	2,120	100	3,040			15,800	6	800	120	73,824	8,645	7,458	51,531		6,186
55			5,070							760	400			360	
56	810	160	3,175					63	29,216	9,471	2,161	1,010		6,020	280
57	1,214	144	727	79		790	50	126	645	18,826	9,660	2,468	6,517	120	71

¹ In some cases the same operator conducted two or more enterprises producing different kinds of products, all enterprises being managed through one central administrative office. The total office expenses were accordingly apportioned among the several industries in proportion to the total expenses of each and the estimated amounts of such administrative expenses were added to "sundry expenses" for each industry. In the totals for all enterprises, however, the expenses appear under the proper headings. The amounts included in "Rent of offices and other sundry expenses" for individual industries and properly distributed in the total for all industries are as follows: Salaried officers of corporations, superintendents, and managers, \$77,100; clerks and other salaried employees, \$97,574; and contract work, \$30,624.

² The following numbers of persons, which could not be distributed among the several industries, are included under the proper headings in the totals for all enterprises: Aggregate, 10; salaried officers of corporations, 4; superintendents and managers, 8; and clerks and other salaried employees, 94.

³ In the gold and silver (deep mines) industry, 2 boys were employed below ground.

INDEX TO THE ABSTRACT TABLES.

POPULATION.

NOTE.—Statistics are given somewhat more frequently for cities of 100,000 inhabitants and over than for those of 25,000 to 100,000 inhabitants. Where an asterisk (*) follows the reference, cities of 25,000 inhabitants and upward are included, otherwise the figures relate only to cities having 100,000 inhabitants or more.

SUBJECT.	STATISTICS FOR—				SUBJECT.	STATISTICS FOR—			
	United States.	Divisions.	States.	Cities (see note above).		United States.	Divisions.	States.	Cities (see note above).
	Page.	Page.	Page.	Page.		Page.	Page.	Page.	Page.
Ages, statistics of.....	122-132	131	133	139, 144*	Italy. See entries under Country.				
— illiterates.....	241				Japan. See entries under Country.				
— marital condition.....	149				Japanese, number.....	77-82	82	82	
— school attendance.....	224	224	224		— illiterates.....	239-242			
— urban and rural population.....	129	137			— males 21 years of age and over.....	107, 110	110	110	
Alaska, population. See pp. 22 and 52.					— marital condition.....	107, 110			
Aliens, foreign-born white males.....	108	117	117	117, 114*	— school attendance.....	219, 221			
Apportionment.....	26, 27		26, 27		— sex.....	97		99	
Area.....	28, 29	29	29		See also entries for the group, Indians, Chinese, Japanese, and other Asiatics.				
Austria, mother tongue of persons born in.....	193	193			Males, 21 years of age and over.....	107-110	110	110	113, 114*
Belgium. See entries under Country.					— 18 to 44 years of age.....	119	119	119	
Blacks.....	79				Marital condition.....	146-156	156	160	164, 165*
Bulgaria, Servia, and Montenegro. See entries under Country.					— by states.....	163			
Canada. See entries under Country.					Married persons. See Marital condition.				
Center of population.....	30				Metropolitan districts. See p. 62.				
China. See entries under Country.					Mexico. See entries under Country.				
Chinese, number.....	77-82	82	82		Migration of native population, by divisions.....	179	179	179	
— illiterates.....	239-242				— Miltia age, males of.....	119	119	119	
— males 21 years of age and over.....	107, 110	110	110		Mother tongue, persons born in Austria, Germany, Hungary, and Russia.....	192	192		
— marital condition.....	149				— Mulattoes.....	79			
— school attendance.....	219, 221				Native born.....	77-83	83	83	
— sex.....	97		99		Native population, born in each division.....	170-174	170-174		
See also entries for the group, Indians, Chinese, Japanese, and other Asiatics.					— born in each state.....	179			
Cities, population.....	59, 75	117	117	117, 114*	— living in each division.....	170-174	170-174		
Citizenship, foreign-born white males.....	108				— living in each state.....	179	179		
Counties, population. See p. 32.					Native whites.....	77, 80	83	83	
Country of birth, foreign born.....	188-191	196-198, 204	204	210, 211*	— foreign or mixed parentage, country of origin.....	194-208	208	208	
— urban and rural population.....	200	201			— foreign parentage.....	77, 80	83	83	
Country of origin, foreign white stock.....	194	198, 202			Native whites, foreign or mixed parentage, as a population class, number.....	77-83	83	83, 95	95*
— native whites of foreign or mixed parentage.....	208	208	208		— ages.....	126, 128	131	133	
Cuba and other West Indies. See entries under Country.					— cities of specified size, number in.....	82	82		
Denmark. See entries under Country.					— females 21 years of age and over.....	118	118	118	
Density of population.....	28, 29	29	29		— illiterates, 10 years of age and over.....	239-249	245, 249	245	245, 250, 251*
Division of birth, native population.....	174	174			— 10 to 14 years.....	254			
Divorced persons. See Marital condition.					— males 21 years and over.....	255, 256	256	257	
Dwellings.....	259, 260	260	260	261*	— males 21 years of age and over.....	110	110	110	113, 114*
— urban and rural communities.....	260	260			— males 18 to 44 years of age.....	119	119	119	
England. See entries under Country.					— marital condition.....	149-156	156		
Families.....	259, 260	260	260	261*	— school attendance.....	219-229	227, 228	231, 233*	
— urban and rural population.....	260	260			— sex.....	100, 101	100, 101	100, 101	
Females 21 years of age and over (see also Sex). Finland. See entries under Country.	118	118	118		— urban and rural population.....	92			
Foreign born.....	77-83	83	83	85*	Native whites, mixed parentage.....	77, 80	83	83	
— country of birth.....	188-191	196-198, 204	204	210, 211*	Native whites, native parentage. See Population class. See entries under Native whites, foreign or mixed parentage.				
Foreign-born whites.....	77-83	83	83, 95	95*	Naturalized foreign-born white males.....	108			
— country of birth.....	194-200	198-202	216	218	Negro population, state of birth.....	180	180	180	
— year of arrival.....	216	216			Negrees as a population class. See entries under Native whites, foreign or mixed parentage.				
Foreign-born whites as a population class, number.....	77-83	83	83, 95	95*	Netherlands. See entries under Country.				
— ages.....	122, 128	131	133		Norway. See entries under Country.				
— cities of specified size, number in.....	92	92			Number of inhabitants.....	22-26	26	26	63*
— females 21 years of age and over.....	115	118	118		— urban and rural population.....	56	56	56	
— illiterates, 10 years of age and over.....	239-249	245, 249	245	245, 250, 251*	Population. See Number of inhabitants.				
— 10 to 14 years.....	254				Porto Rico, population. See pp. 22 and 53.				
— males 21 years and over.....	255, 256	256	256	257	Portugal. See entries under Country.				
— males 21 years of age and over.....	110	110	110	113, 114*	Roumania. See entries under Country.				
— males 18 to 44 years of age.....	119	119	119		Rural population. See Urban and rural population.				
— marital condition.....	149-156	156			Russia, mother tongue of persons born in.....	193	193		
— school attendance.....	219-229	227, 228	231, 233*		School attendance.....	219-238	221-225	231, 233*	
— sex.....	100, 101	100, 101	100, 101		Scotland. See entries under Country.				
— urban and rural population.....	92	92			Sex.....	97-103	99-103	100, 101	104*
France. See entries under Country.					— ages.....	122, 126	126	126	139
Germany, mother tongue of persons born in.....	193	193			— illiterates.....	241	248		
Greece. See entries under Country.					— marital condition.....	146-153	156	160	164, 165*
Hawaii, population. See pp. 32 and 52.					— school attendance.....	220-237	225	225	
Hungary, mother tongue of persons born in.....	193	193			— urban and rural population.....	103	103		
Illiterate children 10 to 14 years.....	254	254			Single persons. See Marital condition.				
Illiterate males 21 years of age and over.....	255, 256	256	256	257, 251*	Spain. See entries under Country.				
Illiterates in the population, 10 years of age and over.....	239-245	245, 248	245, 248	250, 251*	State of birth of native population.....	179	179	179	
— urban and rural population.....	249	249			States, rank in population.....	22	22		
Increase, total population.....	23	23	23	63*	Sweden. See entries under Country.				
— urban and rural population.....	55, 57	57	57		Switzerland. See entries under Country.				
Indians, number.....	77-82	82			Turkey. See entries under Country.				
— ages.....	126				Urban and rural population, number.....	55, 56	56	56	
— females 21 years of age and over.....	118	118	118		— ages.....	130, 137	137		
— illiterates.....	239-242				— foreign-born whites, country of birth.....	210	201		
— males 21 years of age and over.....	107, 110	110	110		— year of arrival.....	218	218		
— marital condition.....	149				— illiterates.....	249	112	112	
— school attendance.....	219, 221				— males 21 years of age and over.....	163			
— sex.....	97		99		— marital condition.....	163			
Indians, Chinese, Japanese, and other Asiatics combined, number.....	244	244	244	95*	— population classes.....	92	92		
— illiterates.....	244	244	244		— school attendance.....	221, 222	229		
— increase, 1890-1910.....	90	90	90		— sexes.....	103	103		
— urban and rural population.....	92	92			Voting age, males of.....	110	110	110	113, 114*
— males 21 years of age and over.....	113	114*			— urban and rural population.....	112	112		
— urban and rural population.....	112	112			Wales. See entries under Country.				
— males 18 to 44 years of age.....	119	119	119		White population, native, state of birth.....	180	180	180	
— sex.....	99	99	99		Whites.....	77-82	82	82	
Ireland. See entries under Country.					Widowed persons. See Marital condition.				

AGRICULTURE.

SUBJECT.	STATISTICS FOR—			SUBJECT.	STATISTICS FOR—		
	United States.	Divi- sions.	States.		United States.	Divi- sions.	States.
	Page.	Page.	Page.		Page.	Page.	Page.
Acreage, average per farm.....	265, 251-265	280, 283	280	Ginseng.....	408	408	408
— irrigated.....	423	423	423	Goats and kids, on farms.....	330, 331	331	332
— size of farms, classification.....	303, 304	304	306	— on farms and not on farms.....	340	340	340
— total in farms.....	265-269, 251-283	269, 283	269	— not on farms.....	338	338	338
— white and colored farmers in the South. See p. 301.				Gooseberries.....	409	409	410
Alfalfa.....	398	398	398	Grains, on green.....	398	398	398
— irrigated acreage.....	430, 431	396	396	— irrigated acreage.....	431	415	415
Alfalfa seed.....	416	416	416	Grapefruit.....	415	414	414
Almonds.....	411	411	411	Grapes.....	392, 394	395	394
Apples.....	414	414	414	Guavas.....	416	416	416
Apricots.....	320, 322	321, 321	322	Guinea fowls. See Poultry.			
Asses and burros, on farms.....	340	340	340	Hay and forage.....	396-398	397, 398	397
— on farms and not on farms.....	338	338	338	— sales of.....	408	371	408
Austria, farmers born in.....	298	298	298	Hemp.....	371	371	371
Avocado pears.....	416	416	416	Hemp seed.....	356	356	356
Barley.....	376, 396	386	386	Honey and wax.....	408	408	408
— irrigated acreage.....	430	430	430	— on farms and not on farms.....	320-322	321, 322	322
— sales of.....	371	371	371	— not on farms.....	398	398	398
Beans, dry edible.....	392	392	392	Hops.....	338	338	338
Bees.....	312, 330, 337	312, 336	312, 336	— not on farms.....	398	398	398
Blackberries and dewberries.....	409	409	410	Hungarian grass.....	298	298	298
Broom-corn.....	395	395	395	Hungary, farmers born in.....	287	287	287
Broom-corn seed.....	390	390	390	Implements and machinery.....	277-284	277-284	277, 280
Buckwheat.....	285, 287, 280	277, 280	277, 280	Improved land.....	265, 269, 281, 283	269, 283	269
Buildings, value.....	277, 280	277, 280	277, 280	Indian farmers.....	298	298	298
Burros. See Asses and burros.				Ireland, farmers born in.....	298	298	298
Butter.....	345-349	345-349	348, 349	Irrigation.....	423-429	423-429	423-429
Butter fat.....	347	347	347	Italy, farmers born in.....	298	298	298
Cash tenants.....	285	285	285	Japanese farmers.....	298	298	298
Cattle, on farms.....	314-316	316, 316	316	Kafir corn and milo maize.....	391	391	391
— on farms and not on farms.....	340	340	340	— on farms and not on farms.....	298	298	298
— not on farms.....	338	338	338	— not on farms.....	398	398	398
Cereals.....	376, 377	377	377	— sales of.....	391	391	391
Cheese.....	345-349	345-349	347-349	Labor on farms.....	372, 374	372, 374	373
Chickens. See Poultry.				Land and buildings.....	281-288	288	290
Chicory.....	408	408	408	Land area.....	269, 281	269, 269	269
Chinese farmers.....	298	298	298	Land in farms.....	265-269, 281-283	269, 283	269
Chufas.....	408	408	408	— classified by size of farms.....	303, 304	304	306
Chufas seed.....	395	395	395	— tenure classes.....	285, 286	286	290
Citrus fruits.....	415	415	415	Lemons.....	415	415	415
Clover.....	398	398	398	Limes.....	415	265-284, 415	415
Clover seed.....	395	395	395	Live stock.....	265-284, 310-312	280, 312	280, 312
Citrus fruits.....	415	415	415	Loquats.....	416	416	416
Clover.....	398	398	398	Mandarins.....	415	415	415
Clover seed.....	395	395	395	Mangoes.....	415	415	415
Color and nativity of farmers.....	297	297	297	Maple sugar and sirup.....	407	407	407
Colored farmers.....	297, 298	297, 298	297	Milk.....	345-348	345-348	347, 348
Corn.....	378, 379	378, 379	379	Millet.....	398	398	398
— irrigated acreage.....	431	431	431	Millet seed.....	395	395	395
— sales of.....	371	371	371	Mint.....	408	408	408
Cornstalks sold.....	402	402	402	Mohair.....	352	352	352
Cotton.....	404	404	404	Mortgages.....	293, 294	293, 294	294
Cotton seed.....	406	406	410	Mules, asses, and burros, on farms.....	320-322	320-322	322
Cranberries.....	410	410	410	— on farms and not on farms.....	340	340	340
Cream.....	347	347	347	— not on farms.....	338	338	338
Crops, all crops.....	360, 365	365	370	Mustard seed.....	395	395	395
— feedable, sales of.....	371	371	373	Native white farmers.....	297	297	297
— irrigated.....	429, 431	429	429	Negro farmers.....	298	298	298
— sales of.....	371	371	371	Netherlands, farmers born in.....	298	298	298
Currants.....	409	409	410	Norway, farmers born in.....	298	298	298
Dairy products.....	345-347	345-347	347, 348	Nursery products.....	419	419	419
Dates.....	416	416	416	Nuts.....	376, 382, 383	382, 383	383
Denmark, farmers born in.....	298	298	298	Oats.....	431	431	431
Ditches for irrigation.....	422, 426	426	426	— irrigated acreage.....	371	371	371
Domestic animals, on farms.....	311, 312	312	312	— sales of.....	416	416	416
— on farms and not on farms.....	340	340	340	Olives.....	416	416	416
— not on farms.....	338	338	338	Oranges.....	415	412	412
Domestic animals, poultry, and bees.....	265, 277, 281, 284	277, 284	277	Peaches and nectarines.....	412	412	412
Domestic animals sold and slaughtered.....	356	357	358	Peanuts.....	393	393	393
Ducks. See Poultry.				Pears.....	412	412	412
Eggs.....	353-355	353-355	355	Peas.....	416	416	416
Emmer and spelt.....	390	390	390	Pecans.....	416	416	416
England, farmers born in.....	298	298	298	Persian or English walnuts.....	416	416	416
Farm mortgages.....	294	294	294	Persimmons.....	416	416	416
Farm property, value.....	265, 276	276	276	Pineapples.....	413	413	413
Farmers, by race and nativity.....	297, 298	297, 298	297	Plums and prunes, on farms.....	298	298	298
Farms, average acreage.....	265, 280-283	280, 283	280	Poland, farmers born in.....	298	298	298
— classified by size.....	303, 304	303	306	Pomegranates.....	416	416	416
— irrigated.....	423	423	423	Pomeles.....	399, 400	399, 400	400
— number.....	265, 283	268, 283	268	Potatoes.....	431	312, 312	312, 312
— tenure classes.....	288	288	288	— irrigated acreage.....	334-336, 353-355	334-336, 353-355	312, 336
Feed.....	371	371	373	Poultry.....			
Feedable crops. See Crops.				Production. See Individual crops and Items of live stock products.			
Fertilizers.....	372	372	372	Pumping plants for irrigation.....	422, 426	426	426
Figs.....	394	394	394	Quinces.....	414	414	414
Flaxseed.....	416	416	416	Raspberries and loganberries.....	409	409	409
Flower and vegetable seeds.....	394	394	394	Reservoirs for irrigation.....	422, 426	426	426
Flowers and plants.....	297	297	297	Rice.....	376, 391	391	391
Foreign-born white farmers.....	419	419	419	— farms irrigated.....	432	432	432
Forest products of farms.....	298	298	298	Root forage.....	398	398	398
France, farmers born in.....	411	411	411	Rural population.....	265, 298	298	298
Fruits, orchard.....	409	409	410	Russia, farmers born in.....	398	398	398
— small.....	408	408	410	Rye.....	376, 389	389	389
Geese. See Poultry.				— irrigated acreage.....	431	431	431
Germany, farmers born in.....	298	298	298	Scotland, farmers born in.....	298	298	298

AGRICULTURE—Continued.

SUBJECT.	STATISTICS FOR—			SUBJECT.	STATISTICS FOR—		
	United States.	Divisions.	States.		United States.	Divisions.	States.
	Page.	Page.	Page.		Page.	Page.	Page.
Share tenants.....	285			Tenure classes.....	285-290		290
Sheep, on farms.....	330-332	331, 332	333	Timothy.....	398	398	398
— on farms and not on farms.....	340	340	340	Timothy and clover mixed.....	398	398	398
— not on farms.....	335	338	338	Timothy seed.....	395	395	395
— shearing age.....	350-352	350-352	352	Tobacco.....	403	403	403
Size of farms.....	303, 304	304	306	Tobacco seed.....	395		395
Sorghum cane.....	407		407	Turkeys. <i>See</i> Poultry.			
Sorghum cane seed.....	395		395	Value. <i>See</i> Individual crops and items of farm property.			
Straw sold.....	408	408	410	Vegetables.....	402	402	402
Strawberries.....	409	409	410	Wales, farmers born in.....	298	298	298
Sugar beets.....	407		407	Walnuts.....	416		416
— irrigated acreage.....	431			Wax.....	356	356	356
Sugar cane.....	406		406	Wells for irrigation.....	422, 426		426
Sundowner seed.....	395		395	Wheat.....	380, 381	380, 381	381
Sweden, farmers born in.....	238	238	240	— irrigated acreage.....	431		
Sweet potatoes and yams.....	399, 401	399, 401	401	White farmers.....	298		298
Swine, on farms.....	327, 328	327, 328	328	Wild, salt, or prairie grasses.....	318	318	318
— on farms and not on farms.....	340	340	340	— irrigated acreage.....	431		
— not on farms.....	338	338	338	Willows.....	408	408	408
Switzerland, farmers born in.....	298			Wool.....	350-352	350-352	352
Tangerines.....	415		415				
Tenels.....	408		408				

MANUFACTURES—SUBJECTS.

SUBJECT.	STATISTICS FOR—					SUBJECT.	STATISTICS FOR—					
	United States.	States.	Industries.				United States.	States.	Industries.			
			All combined.	Lead-ing.	Indi-vid-ual.				United States.	States.	All combined.	Lead-ing.	Indi-vid-ual.
Page.	Page.	Page.	Page.	Page.	Page.	Page.	Page.	Page.	Page.	Page.	Page.	Page.
Capital.....	438					Rank of industries.....						
— principal.....	439, 525	525	438, 514	514	514	Salaries, principal.....	438, 525	525	438, 514	514	514	514
Cities, 10,000 inhabitants and over.....	529					Salaries of officers of corporations.....	432		432	433	434	514
— principal.....	528					Salaries, payments for.....	438, 525	525	438, 514	514	514	514
Clerks.....	492		452	453		Services, payments for.....	438		438	438	438	438
Corporations, establishments operated by.....	461-463	463	461, 462	462	462	Sex of wage earners.....	457	457	458	455	455	455
Electric motors.....	471-474	474	471-474	472	472	Steam engines.....	471-474	474	471-474	472	472	472
Establishments, number.....	438-445	445, 525	438-445	442, 514	514	Superintendents and managers.....	452		452	453	453	453
— cities grouped by size.....	451					Value added by manufacture.....	439-445	445	438, 514	514	514	514
— cities of 10,000 inhabitants.....	529					— cities grouped by size.....	451					
— cities, principal.....	528					— cities of 10,000 inhabitants.....	529					
— classified by number of wage earners.....	468, 469	469	468	468		— cities, principal.....	528					
— classified by value of product.....	465, 467	467	465	465		— classes of ownership.....	461, 463	463	461			
— producing products of \$1,000,000.....	468					Value of products.....	439, 525	525	439, 514	514	514	514
Expenses.....	470, 471	471	438, 470	470		— cities grouped by size.....	451					
— miscellaneous.....	438					— cities of 10,000 inhabitants.....	529					
Firms, establishments operated by.....	461		461			— cities, principal.....	528					
— classes of ownership.....	461					— classes of ownership.....	461, 463	463	461			
— classified by number of wage earners.....	468, 469	469	468	468		Wage earners, average number.....	439, 525	525	439, 514	514	514	514
— classified by value of product.....	465, 467	467	465	465		— cities grouped by size.....	451					
— producing products of \$1,000,000.....	468					— cities of 10,000 inhabitants.....	529					
Horse-power, total primary.....	472-474	474, 525	472, 514	472, 514	514	— cities, principal.....	528					
Individuals, establishments operated by.....	461		415			— classes of ownership.....	461, 463	463	461			
Materials, cost of.....	438		438			Wage earners, employed by months.....	459		459	460	460	460
Ownership, classes of.....	461, 463	463	461			— 16 years of age and over, by sex.....	455-457	457		455	455	455
Persons engaged in industry.....	438, 439		438, 514	514	514	— under 16 years of age.....	457	457		455	455	455
Products, value of.....	438, 439	525	439, 514	514	514	Wages paid.....	438	525	438, 514	514	514	514
— cities grouped by size.....	451					Water motors.....	471-474	474	471-474	474	474	474
— cities of 10,000 inhabitants.....	529					Water wheels.....	471-474	474	471-474	472	472	472
— cities, principal.....	528											
Proprietors and firm members.....	432, 525	525	432, 514	514	514							

MANUFACTURES—INDUSTRIES.

	Page.		Page.
Agricultural implements.....	442, 453, 455, 465, 468, 470, 472, 507, 514	Boots and shoes, including cut stock and findings.....	442
Artificial flowers and leathers and plumes.....	456, 514	— rubber.....	453, 455, 460, 465, 468, 470, 472, 494, 514
Artificial stone.....	460, 514	Boxes, cigar.....	456, 514
Artists' materials.....	460, 514	— fancy and paper.....	456, 514
Automobiles, including bodies and parts.....	442, 453, 455, 465, 468, 470, 472, 505, 514	Brass and bronze products.....	442, 453, 455, 465, 468, 470, 472, 514
Awnings, tents, and sails.....	456, 514	Bread and other bakery products.....	442, 453, 455, 460, 465, 468, 470, 472, 514
Axle grease.....	514	Brick and tile.....	460, 505, 511
Babbit metal and solder.....	456, 514	Brooms and brushes.....	514
Bags, other than paper.....	456, 514	Butter, cheese, and condensed milk.....	442, 453, 455, 465, 468, 470, 472, 475, 514
— paper.....	456, 514	Butter, reworking.....	514
Baking powders and yeast.....	514	Buttons.....	456, 514
Baskets, and rattan and willow ware.....	456, 514	Calcium lights.....	514
Beet sugar.....	460, 473, 514	Candles.....	514
Belting and hose, leather.....	514	Canning and preserving.....	442, 453, 455, 457, 468, 470, 472, 476, 514
Bicycles, motorcycles, and parts.....	505, 514	Card cutting and desecuring.....	514
Billiard tables and materials.....	514	Carpets and rugs, other than rag.....	456, 480, 514
Blacking and cleansing and polishing preparations.....	514	Carpets, rag.....	514
Bluing.....	514	Carriages and sleds, children's.....	514
Bone, carbon, and lamp black.....	514	Carriages and wagons and materials.....	505, 514

INDEX TO THE ABSTRACT TABLES.

MANUFACTURES—INDUSTRIES—Continued.

	Page.	Page.
Cars and general shop construction and repairs by steam-railroad companies.	442, 453, 455, 460, 465, 468, 470, 472, 506, 514	514
Cars and general shop construction and repairs by street-railroad companies.	506, 514	514
Cars, steam-railroad, not including operations of railroad companies.	442, 453, 455, 465, 468, 470, 472, 506, 514	514
Cash registers and calculating machines.	503, 514	514
Cement.	514	514
Charcoal.	442, 453, 455, 465, 468, 470, 472, 495, 514	514
Chemicals.	514	514
China decorating.	514	514
Chocolate and cocoa products.	456, 514	514
Clocks and watches, including cases and materials.	514	514
Cloth, sponging and refinishing.	456, 514	514
Clothing.	514	514
— buttons.	442, 453, 455, 470, 465, 468, 470, 472, 514	514
— including shirts.	442, 453, 455, 460, 465, 468, 470, 472, 514	514
— women's.	514	514
Coff and spike, roasting and grinding.	514	514
Coffins, burial cases, and undertakers' goods.	496, 514	514
Coke.	514	514
Confectionery.	514	514
Copper, tin, and sheet-iron products.	456, 481, 514	514
Corlage and twine and jute and linen goods.	514	514
Corrals and strops.	456, 514	514
Cort cutting.	514	514
Corsets.	442, 453, 455, 460, 465, 468, 470, 472, 482, 514	514
Cotton goods, including cotton small wares.	442, 453, 455, 460, 465, 468, 470, 472, 482, 514	514
Crucibles.	514	514
Cutlery and tools, not elsewhere specified.	514	514
Dairymen's, poulterers', and apianists' supplies.	514	514
Dentists' materials.	514	514
Drug grinding.	456, 514	514
Dyeing and finishing textiles.	442, 453, 455, 465, 468, 470, 472, 508, 514	514
Dyestuffs and extracts.	514	514
Electrical machinery, apparatus, and supplies.	442, 453, 455, 465, 468, 470, 472, 508, 514	514
Emery and other abrasive wheels.	514	514
Enameling and japanning.	514	514
Engravers' materials.	497, 514	514
Engraving and diecasting.	497, 514	514
Engraving, wood.	514	514
Explosives.	514	514
Fancy articles, not elsewhere specified.	460, 498, 514	514
Fertilizers.	514	514
Fires.	514	514
Fire extinguishers, chemical.	514	514
Firearms and ammunition.	456, 514	514
Flags, banners, regalia, society badges, and emblems.	456, 514	514
Flavoring extracts.	514	514
Flax and hemp, dressmaking products.	442, 453, 455, 465, 468, 470, 472, 477, 514	514
Flour-mill and gristmill products.	456, 514	514
Food preparations.	442, 453, 455, 460, 465, 468, 470, 472, 514	514
Fondry and machine-shop products.	514	514
Foundry supplies.	456, 514	514
Fuel, manufactured.	456, 514	514
Fur goods.	442, 453, 455, 460, 465, 468, 470, 472, 514	514
Furnishing goods, men's.	442, 453, 455, 460, 465, 468, 470, 472, 514	514
Furniture and refrigerators.	514	514
Furs, dressed.	442, 453, 455, 465, 468, 470, 472, 488, 514	514
Galvanizing.	514	514
Gas and electric fixtures and lamps and reflectors.	442, 453, 455, 465, 468, 470, 472, 499, 514	514
Gas, illuminating and heating.	504, 514	514
Glass.	514	514
— cutting, staining, and ornamenting.	456, 494, 514	514
Gloves and mittens, leather.	499, 514	514
Glycerine and starch.	456, 514	514
Gins.	456, 514	514
Gold and silver, leaf and foil.	514	514
— reducing and refining, not from the ore.	514	514
Graphite and graphite refining.	514	514
Grease and tallow.	460, 514	514
Griststones.	456, 514	514
Hair work.	514	514
Hamcloth.	514	514
Hammocks.	514	514
Hand stamps and stencils and brands.	514	514
Hat and cap materials.	514	514
Hats and caps, other than felt, straw, and wool.	456, 483, 514	514
Hats, fur-felt.	456, 460, 514	514
— straw.	514	514
Hones and whetstones.	514	514
Horsehoes, not made in steel works or rolling mills.	442, 453, 455, 460, 465, 468, 470, 472, 484, 514	514
Hosiery and knit goods.	456, 514	514
House-furnishing goods, not elsewhere specified.	460, 508, 514	514
Ice, manufactured.	514	514
Ink, printing.	514	514
— writing.	514	514
Instruments, professional and scientific.	442, 453, 455, 465, 468, 470, 472, 488, 514	514
Iron and steel, blast furnaces.	514	514
— bolts, nuts, washers, and rivets, not made in steel works or rolling mills.	514	514
— doors and shutters.	514	514
— forgings.	514	514
— nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills.	442, 453, 455, 460, 465, 468, 470, 472, 489, 514	514
— steel works and rolling mills.	456, 514	514
Iron and steel pipe, wrought.	514	514
Jewelry.	456, 514	514
Jewelry and instrument cases.	514	514
Keolin and ground earths.	514	514
Labels and tags.	514	514
Lapidary work.	514	514
Lard, refined, not made in slaughtering and meat-packing establishments.	514	514
Lasts.	442, 453, 455, 468, 470, 472, 514	514
Lead, bar, pipe, and sheet.	442, 453, 455, 465, 468, 470, 472, 493, 514	514
Leather goods.	442, 453, 455, 465, 468, 470, 472, 493, 514	514
Leather, tanned, curried, and finished.	442, 453, 455, 465, 468, 470, 472, 514	514
Liquors, distilled.	442, 453, 455, 465, 468, 470, 472, 514	514
— malt.	442, 453, 455, 465, 468, 470, 472, 514	514
Liquors, vinous.	514	514
Locomotives, not made by railroad companies.	514	514
Looking-glass and picture frame.	442, 453, 455, 460, 465, 468, 470, 472, 509, 514	514
Leather and timber products.	442, 453, 455, 460, 465, 468, 470, 472, 514	514
Malt.	442, 453, 455, 465, 468, 470, 472, 514	514
Marble and stone work.	514	514
Matches.	514	514
Mats and matting.	456, 514	514
Mattresses and spring beds.	514	514
Military and lace goods.	514	514
Mineral and soda waters.	514	514
Mirrors.	514	514
Models and patterns, not including paper patterns.	514	514
Moving pictures.	514	514
Mucilage and paste.	514	514
Musical instruments and materials, not specified.	509, 514	514
Musical instruments, pianos and organs and materials.	456, 514	514
Needles, pins, and hooks and eyes.	514	514
Oakum.	514	514
Oil, castor.	442, 453, 455, 460, 465, 468, 470, 472, 499, 514	514
— cottonseed, and cake.	442, 453, 455, 460, 465, 468, 470, 472, 499, 514	514
— essential.	500, 514	514
— linseed.	514	514
— not elsewhere specified.	514	514
Olecloth and linoleum.	514	514
Oleomargarine.	514	514
Optical goods.	442, 453, 455, 465, 468, 470, 472, 500, 514	514
Ornamental iron, steel, and brass.	442, 453, 455, 465, 468, 470, 472, 510, 514	514
Paper and wood pulp.	442, 453, 455, 465, 468, 470, 472, 510, 514	514
Paper goods, not elsewhere specified.	514	514
Paper patterns.	442, 453, 455, 465, 468, 470, 472, 514	514
Patent medicines and compounds and druggists' preparations.	442, 453, 455, 465, 468, 470, 472, 514	514
Paving materials.	456, 514	514
Peanuts, grading, roasting, cleaning, and shelling.	456, 514	514
Peas, feed.	514	514
Pens, fountain, stylographic, and gold.	456, 514	514
— steel.	442, 453, 455, 465, 468, 470, 472, 501, 514	514
Petroleum, refining.	510, 514	514
Phonographs and graphophones.	514	514
Photo-engraving.	514	514
Photographic apparatus and materials.	514	514
Pipes, tobacco.	456, 514	514
Pottery, terra-cotta, and fire-clay products.	442, 453, 455, 460, 465, 468, 470, 472, 511, 514	514
Printing and publishing.	442, 453, 455, 460, 465, 468, 470, 472, 511, 514	514
Pulp goods.	514	514
Pumps, not including steam pumps.	460, 477, 514	514
Rice, cleaning and polishing.	514	514
Roofing materials.	514	514
Rubber goods, not elsewhere specified.	514	514
Rules, ivory and wood.	514	514
Safes and vaults.	501, 514	514
Salt.	514	514
Sand and emery paper and cloth.	514	514
Saws.	514	514
Scales and balances.	514	514
Screws, machine.	514	514
— wood.	514	514
Sewing machines, cases, and attachments.	512, 514	514
Shiplanking, including boat building.	485, 514	514
Shoddy.	514	514
Show cases.	514	514
Signs and advertising novelties.	442, 453, 455, 465, 468, 470, 472, 485, 514	514
Silk and silk goods, including throwsters.	442, 453, 455, 465, 468, 470, 472, 478, 514	514
Silverware and plated ware.	442, 453, 455, 465, 468, 470, 472, 514	514
Slaughtering and meat packing.	442, 453, 455, 465, 468, 470, 472, 514	514
Smelting and refining, copper.	442, 453, 455, 465, 468, 470, 472, 514	514
— lead.	442, 453, 455, 465, 468, 470, 472, 514	514
— zinc.	514	514
— not from the ore.	502, 514	514
Soap.	514	514
Soda-water apparatus.	514	514
Sporting and athletic goods.	514	514
Springs, steel, car and carriage.	456, 514	514
Stationary goods, not elsewhere specified.	514	514
Statuary and art goods.	514	514
Steam packing.	514	514
Stereotyping and electrotyping.	514	514
Stoves and furnaces, including gas and oil stoves.	442, 453, 455, 465, 468, 470, 472, 514	514
Sugar and molasses, not including beet sugar.	453, 455, 460, 468, 470, 472, 514	514
— lead.	442, 453, 455, 465, 468, 470, 472, 514	514
— zinc.	514	514
— not from the ore.	502, 514	514
Surphur, nitric, and mixed acids.	456, 514	514
Surgical appliances and artificial limbs.	514	514
Tin foil.	491, 514	514
Tin plate and terneplate.	400, 514	514
Tobacco manufactures.	514	514
Toys and games.	503, 514	514
Turpentine and resin.	514	514
Type-founding and printing materials.	514	514
Typewriters and supplies.	456, 514	514
Umbrellas and canes.	514	514
Upholstering materials.	514	514
Vault lights and ventilators.	460, 514	514
Vinegar and cider.	514	514
Wall paper.	514	514
Ward plaster.	514	514
Washing machines and clothes wringers.	514	514
Waste.	514	514
Wheelbarrows.	514	514
Whips.	514	514
Windmills.	514	514
Window shades and fixtures.	492, 514	514
Wire.	514	514
Wirework, including wire rope and cable.	514	514

MINING.

SUBJECT.	STATISTICS FOR—					SUBJECT.	STATISTICS FOR—				
	United States.	States.	Industries.				United States.	States.	Industries.		
			All combined.	Lead-ing-	Indi-vid-ual.				All combined.	Lead-ing-	Indi-vid-ual.
	Page.	Page.	Page.	Page.	Page.		Page.	Page.	Page.	Page.	Page.
Boys under 16 employed.....	549		549	549		Products, value of.....	541, 542, 545	542, 558	559, 563	542, 546	559, 563
Capital.....	541, 560	560	562	562	562	Proprietors and firm members.....	541, 545	561	549, 563	549, 563	563
Clerks and other salaried employes.....	541	558	563	563	563	Quantity of minerals produced.....	548, 561	561	549, 563	563	563
Contract work, expense of.....	545, 561	561	559, 563	559, 563	563	Royalties and rent of mines.....	541, 548	558	559, 563	559, 563	563
Corporations, enterprises conducted by.....	553		553	553		Salaried employes.....	545, 561	561	563	563	563
Electric motors.....	556		556	556		Salaried officers of corporations.....	541		563	563	563
Engineers, firemen, mechanics.....	549		549	549		Salaried officials.....	541, 560	560	562	562	562
Expenses of operation and development.....	541	560	562	562	562	Salaries and wages.....	557	558	559	559	559
— miscellaneous.....	545, 560	561	563	563	563	Services, payments for.....	541, 545		562	562	562
— principal items.....	557	558	559	559	559	Size of enterprises.....	554-545		554, 555	554	554
Firms, enterprises conducted by.....	553		553	553		Steam engines.....	556		556	556	556
Fuel and rent of power, cost of.....	560	560	562	562	562	Superintendents and managers.....	548, 556		556	556	556
Gas engines.....	556		556	556		Supplies and materials, cost.....	541, 545	560	562	562	562
Horsepower, total primary.....	541, 556, 557, 560	560	556, 563	556	563	Taxes.....	552		563	563	563
Hours of labor.....	551		551	551		Timber land.....	552		552	552	552
Individuals, enterprises conducted by.....	553		553	553		Value of products.....	541, 542, 545, 561	542, 561	559-563	559, 563	559-563
Land controlled.....	552		552, 562	552	562	Wage earners.....	541, 542-561	561	563	545	563
Mineral and oil land controlled.....	552		552	552		— above and below ground.....	542, 561	561	563	545	563
Miners, and miners' helpers, quarrymen, and stone cutters.....	549		549	549		— employed by months.....	550, 551		550, 551	551	551
Mines and quarries, number.....	541, 542, 560	560	562	562	562	Wages.....	541, 560	560	562	562	562
Mines, quarries, and wells, number.....	541, 542, 560	560	562	562	562	Water wheels.....	556		556	556	556
Operators, number of.....	541, 542, 560	560	562	544	562	Wells, number.....	541, 542	542			
Ore and natural gas purchased, cost.....	560	560	562	562	562						
Persons engaged in mining.....	541, 548, 561	561	563	563	563						







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