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ANNUAL REPORT

OF THE

BOARD OF HEALTH

OF THE

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK

FOR THE

YEAR ENDING DECEMBER 31, 1901.



NEW YORK:
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TABLE OF CONTENTS.

	PAGE
List of officers.....	3-5
Report of the Commissioners.....	7-20
Public health.....	7
Discussion of causes of mortality.....	7-10
Infant mortality.....	10, 11
Diarrhoeal diseases.....	11
Contagious diseases.....	12
General work of the department.....	13
Small-pox.....	13
Malarial diseases.....	13-15
Amendments to the code.....	16
Park avenue tunnel.....	16, 17
Attorney's office.....	17-19
Annual expenditures.....	19, 20

Tables.

Deaths and death rates by boroughs.....	7
Increase and decrease in deaths from principal causes, compared with previous year.....	8
Deaths and death rate from sunstroke.....	10
Percentage of deaths under five upon total deaths from 1892 to 1901.....	10, 11
Deaths from diarrhoea (under two years) 1892 to 1901.....	11
Contagious diseases, 1900, 1901.....	12
Report of the Sanitary Superintendent.....	20
Officers in charge.....	20, 21

Tables.

Resumé of work of Sanitary Bureau.....	21
List of houses vacated.....	22-28
Sanitary inspection.....	28-32

Tables.

Inspections and re-inspections.....	28, 29
Inspections classified as to cause of complaint.....	29
Dead animals removed by shore inspector.....	30
Work of Sanitary Police.....	30
Reports of Sanitary Police classified.....	30
Re-inspections on orders.....	30
Complaints against mercantile establishments.....	31
Inspections classified as to cause of complaint.....	31, 32

	PAGE
Division of Contagious Diseases.....	32, 33
Inspections, re-inspections	32
Cases of contagious diseases visited	32
Cases treated with diphtheria antitoxin....	32
Persons immunized with diphtheria antitoxin ...	32
School notices sent.....	32
Complaints forwarded for Board orders.....	32
Vaccinations and revaccinations	32
Visits to infected houses	32
Visits to sick children.....	32
Prescriptions filled.....	33
Inspections of veterinarians.....	33
Animals examined.....	33
Port mortems on animals.....	33
Persons removed to contagious disease hospitals.....	33
Dead bodies removed to the morgue.....	33
Houses visited for disinfection.....	33
Infected rooms disinfected.....	33
Ambulances and infected goods disinfected.....	33
Infected goods destroyed.....	33
Number of communicable diseases reported.....	33
Division of Food Inspection and Offensive Trades.....	33, 34
Number of inspections and reinspections.....	33
Specimens of milk examined....	33
Inspections by veterinarians.....	33
Cows examined and tagged.....	33
Autopsies	33
Permits issued.....	34
Pounds of milk, fruit, food, etc., condemned and seized.....	34
Division of Bacteriology	34, 35
Work performed by the Division of Bacteriology.....	34

Tables.

Number of inspections.....	34
Autopsies	34
Bacteriological diagnoses of diphtheria.....	34
Bacteriological examinations of diphtheria.....	34
Bacteriological examinations of suspected tuberculosis.....	34
Amount of antitoxic serums produced.....	34
Specimens of blood and serum examined for typhoid fever reaction.....	34
Specimens of vaccine virus tested.....	34
Vaccine virus collected, prepared and tested.....	35

Division of Medical School Inspection.....	35
<i>Tables.</i>	
Number of visits to schools.....	35
Number of children examined and excluded.....	35, 36
Diseases for which children were excluded.....	36
Division of Marine Inspection.....	37
Inspections and reinspections.....	37
Dead animals removed from the streets.....	37
Quantity of offal, etc., removed from the streets.....	37
Reception Hospital.....	38
<i>Tables.</i>	
Cases according to sex, nativity and disposition.....	38
Cases according to disease, sex, nativity and disposition.....	38-41
Recapitulation.....	41, 42
Willard Parker Hospital.....	42-44
Cases according to sex, nativity and final disposition.....	42
Cases according to disease, sex, age, nativity and disposition.....	43
Recapitulation.....	44
Riverside Hospital.....	44-47
Cases according to sex, nativity, disposition.....	44
Cases according to disease, age, nativity and disposition.....	44-46
Recapitulation.....	47
Kingston Avenue Hospital.....	47-51
Cases according to sex, nativity and disposition.....	47
Cases according to disease, age, nativity and disposition.....	48-50
Recapitulation.....	51
Report of Registrar of Records.....	51-61
International or Bertillon classification.....	52
Population.....	52
Comparative mortality, years 1900, 1901.....	52
Principal causes of death, 1900, 1901.....	53
Comparative statement of mortality by months, years 1900, 1901.....	54
Influenza.....	54
Circulatory diseases.....	55
Contagious and infectious diseases.....	55-57
Diarrhœal diseases.....	57
Deaths by accident.....	57
Deaths by sunstroke and from all causes.....	57-60
Suicides.....	61
Births and marriages.....	61
Searches and transcripts.....	61

Tables.

	PAGE
Report of Registrar of Records - (Continued).	
Deaths and death rates by boroughs for year 1901	52
Deaths by principal causes, years 1900, 1901, with increase and decrease noted . . .	53
Deaths by months, 1900, 1901, with increase and decrease	54
Cases of measles reported, deaths from influenza and pneumonia, years 1900, 1901.	55
Contagious and infectious diseases reported by boroughs, years 1900, 1901	55
Scarlet fever cases reported, deaths and rate of mortality by boroughs	56
Daily temperature, humidity, number of deaths, during four greatest heated terms of years 1872, 1892, 1896 and 1901, old City of New York.	58
Actual daily number of deaths from sunstroke in the old City of New York during the week of highest mortality, 1872, 1892, 1896, 1901	59
Deaths by sunstroke in different boroughs, three weeks, June 23 to July 13	60
Work of the office for year	62, 63
Deaths in institutions, tenements, dwellings, hotels, streets, rivers, etc	62, 63
Deaths and death rates by boroughs	62, 63
Births, marriages and deaths by boroughs, according to sex, color, parent nativity and civil condition, and still-births by sex, color, parent nativity and period of gestation	64, 65
Deaths according to disease, age, sex and color (males and totals of both sexes, 66-78; females, 78-91)	66-91
Deaths according to sex and age by boroughs, year 1901	92, 93
Deaths by months, according to disease, sex, age and color (Borough of Manhattan. 94-97; Borough of The Bronx, 95-97; Borough of Brooklyn, 96-99; Borough of Queens, 97-99; Borough of Richmond, 100-103; City of New York, 101-103.	94-103
Total deaths and by certain causes, and in institutions, by wards, Boroughs of Man- hattan and The Bronx, 104, 105; Borough of Brooklyn, 106, 107; Borough of Queens, 108, 109; Borough of Richmond, 108, 109	104-109
Deaths according to nativity of deceased and nativity of parents of deceased by boroughs	110-113
Deaths by suicide according to nativity, Borough of Manhattan	114, 115
Deaths by suicide and according to nativity, City of New York	116, 117
Deaths by accident and negligence, by boroughs and entire city	118-121
Deaths in institutions, Borough of Manhattan	121, 122
“ Borough of The Bronx	122, 123
“ Borough of Brooklyn	123
“ Borough of Queens	123, 124
“ Borough of Richmond	124
“ entire city	124
Births by nativities of parents, by boroughs	125
Births in the City of New York by months, sex, color, nativities of parents, re- ported by physicians or midwives, illegitimate, twins, triplets	126, 127

Report of Registrar of Records—(Continued).

PAGE

Marriages in the City of New York by months, sex, color, civil condition and nativities.....	126, 127
Disposition of the dead and of still-born infants in cemeteries, for each borough and for the entire city.....	128-130
Deaths of centenarians by age, nativity, cause of death and borough.....	130
Population of the Borough of Manhattan, by Assembly Districts, sex, general nativity and color, according to the U. S. Census of 1900.....	131
Population of the Borough of The Bronx by Assembly Districts, sex, general nativity and color, according to the U. S. Census of 1900.....	132
Population of the Borough of Brooklyn, by wards, sex, general nativity and color, according to the U. S. Census of 1900.....	132, 133
Population of the Borough of Queens, by wards, sex, general nativity and color, according to the U. S. Census of 1900.....	133
Population of the Borough of Richmond, by wards, sex, general nativity and color, according to the U. S. Census of 1900.....	133
Estimated population of New York City and its boroughs as now constituted, from 1790 to 1900, from the U. S. Census of 1900.....	134

BOARD OF HEALTH.

DECEMBER 31, 1901.



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ALVAH H. DOTY, M. D., *Health Officer of the Port.*

Secretary.

EMMONS CLARK.

Assistant Corporation Counsel.

(Assigned to Department of Health.)

HENRY STEINERT.

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- H. W. BERG, M. D., *Attending Physician to the Hospitals of this Department.*
- HENRY D. CHAPIN, M. D., *Attending Physician to the Hospitals of this Department.*

DEPARTMENT OF HEALTH.

REPORT FOR THE YEAR ENDING DECEMBER 31, 1901.

DEPARTMENT OF HEALTH—CITY OF NEW YORK.
SOUTHWEST CORNER FIFTY-FIFTH STREET AND SIXTH AVENUE, }
BOROUGH OF MANHATTAN,
NEW YORK, December 31, 1901. }

Hon. ROBERT A. VAN WYCK, *Mayor of The City of New York* :

SIR—In accordance with the provisions of section 1168, chapter 465, Laws of 1901, the Board of Health has the honor to submit the following report of the operations of the Department of Health for the year ending December 31, 1901 :

PUBLIC HEALTH.

The condition of the public health during the year was good, the death-rate being only 20.00 per 1,000 living, against 20.57 for the previous year. The number of deaths and the corresponding death-rates in the various boroughs are shown in the following table.

BOROUGH.	ESTIMATED POPULATION.		DEATHS.		DEATH RATES.	
	1900.	1901.	1900.	1901.	1900.	1901.
Manhattan.....	1,850,887	1,873,562	38,878	38,507	20.99	20.55
The Bronx.....	202,792	222,124	4,349	4,797	21.52	21.60
Brooklyn.....	1,169,796	1,209,054	23,507	23,271	20.09	19.25
Queens.....	153,734	168,834	2,760	2,800	17.95	17.20
Richmond	67,166	68,933	1,378	1,345	20.52	19.51
Total.....	3,444,675	3,536,517	70,872	70,720	20.57	20.00

It will be noticed that, although there was a decrease of only 152 in the deaths for the entire city in 1901, there was a decrease in the death-rate owing to the increase in population, in all the boroughs excepting The Bronx. This exception was due to the fact that the smallpox hospital is situated in this borough and all the deaths from that disease are credited to the borough. The increase of nearly 400 in the deaths from smallpox accounts for most of the 448 increase in the

deaths in this borough for the year, the remainder being due to the increase of population, which also caused an increase of 40 in the Borough of Queens, these two boroughs at present increasing in population much more rapidly than the three remaining ones.

When the causes of mortality in 1900 and 1901 are compared, it is found that there was on general and well distributed decrease, but that there was a marked increase in the deaths from certain causes, balanced by an equally marked decrease in others, so that the total number is almost the same in each year. This will appear more plainly on an inspection of the following table, which includes all the diseases that caused more than 300 deaths in 1901, comprising more than eighty-eight per cent. of the total number :

	1900.	1901.	INCREASE.	DECREASE.
Typhoid fever.....	718	727	9	....
Smallpox.....	12	410	398	....
Measles.....	816	449	....	367
Scarlet fever.....	465	1,162	697	....
Diphtheria and Croup.....	2,277	2,068	....	209
Influenza.....	612	856	244	....
Dysentery.....	278	948	70	....
Tuberculosis.....	9,670	9,389	....	281
Cancer.....	2,291	2,463	172	....
Diabetes.....	357	503	146	....
Alcoholism.....	401	329	....	72
Meningitis.....	1,220	1,178	....	51
Apoplexy.....	2,550	2,540	....	10
Convulsions, infants.....	654	798	144	....
Organic heart disease.....	4,069	5,006	937	....
Acute bronchitis.....	1,964	1,633	....	281
Chronic bronchitis.....	467	469	2	....
Pneumonia, including broncho-pneumonia.....	10,482	9,168	....	1,314
Diarrhoeal diseases, under two years of age.....	5,710	5,796	50	....
Diseases of the stomach.....	529	509	....	20
Diarrhoeal diseases, over two years of age.....	949	977	28	....
Hernia.....	476	478	2	....
Cirrhosis.....	775	792	17	....
Appendicitis.....	473	439	....	34
Acute nephritis.....	749	637	....	62
Bright's disease.....	4,303	4,813	10	....
Puerperal diseases.....	711	648	....	63
Congenital debility.....	1,939	1,317	....	172
Old age.....	1,212	1,231	19	....

	1900.	1901.	INCREASE.	DECREASE.
Suicides.....	761	713	....	48
Accident.....	3,012	3,811	799	..
Ill-defined causes.....	2,500	2,230	....	270
Other causes.....	6,875	6,233	....	642
Total.....	70,872	70,720	3,744	3,896
Balance.....	152		152	

The chief items of increase in this table, i. e., of increase greater than would be accounted for by the normal increase of population, are small-pox, scarlet fever, influenza, heart diseases, and accident, and the chief items of decrease are measles, diphtheria and croup, tuberculosis, acute bronchitis, pneumonia and other causes not specified in the table.

The increase of smallpox was general throughout this country and in foreign countries where vaccination is not thoroughly carried out. So long as this slight operation is not generally submitted to, there must be gradual accumulations of susceptible material, on which at intervals the infective virus of smallpox will feed until it is for the time exhausted. The intervals in this city appear to be about six or seven years, both for this disease and for scarlet fever.

The influenza, which showed signs of increasing malignancy during the latter part of 1900 continued to increase during the early part of 1901, causing altogether 856 deaths during the year, 513 of which were in the boroughs of Manhattan and The Bronx. This was the largest mortality from this disease since its first appearance in 1889, with the exception of 1891 and 1895, when there were 854 and 567 deaths within the same limits. The disease in 1901, however, presented one peculiarity, viz., that, whereas, in former years, the greatest increase of deaths from other diseases which were yet directly connected with the epidemic, was from acute inflammations of the respiratory organs, there was actually a decrease of 1,595 in the deaths from bronchitis and pneumonia, and the greatest increase was in diseases of the heart, heretofore less seriously affected.

The increase of 799 in the deaths from accidental causes was entirely due to sunstroke, mainly occurring in the extremely hot week that included July 4. There were 1,273 deaths from that cause during the year, of which 989 occurred in the week ending July 6. 689 of these deaths were reported in the boroughs of Manhattan and The Bronx, a greater number than ever before recorded in this city, the nearest approach to it having been in the hottest week of 1896, when there were 648. This great mortality in 1901 occurred during the latter part of a heated period including the eight days from June 26 to July 3, when the maximum daily temperature never fell below 90 degrees, and on July 1 and 2 reached 100 degrees. It is worthy of note that in spite of this terrific heat the total number of deaths from all causes in these two boroughs (the old City of New York) was only 1,671, as compared with 1,810 during the hottest week of 1896.

We appear to be undergoing a somewhat protracted period of hot summers, so far as can be

judged from the number of deaths from sunstroke. In more than 50 years there have been only twelve in which there were 200 or more sunstrokes reported. The list follows :

YEAR.	SUN-STROKE DEATHS.	RATE PER 1,000.	YEAR.	SUN-STROKE DEATHS.	RATE PER 1,000.
1853.....	211	.36	1892.....	320	.19
1866.....	310	.40	1896.....	755	.40
1870.....	233	.25	1898.....	388	.20
1872.....	320	.33	1900.....	205	.10
1876.....	206	.19	1901.....	893	.43
1887.....	216	.15			

The death rate per 1,000 of the population from this cause has been greater during the past ten years than during any previous decade since 1850.

INFANT MORTALITY.

The infant mortality has been decreased year by year, and during the past year was lower than ever before in the history of the Department. There can hardly be a doubt that most of this decrease is due to the general recognition and appreciation of the results of bacteriological investigations, and the consequent attention paid to the food and especially the milk supply, although there have been other powerful factors in bringing about the improvement, such as the seaside and country work of the charitable societies, the activity of the summer corps of tenement-house doctors and the improved condition of the streets.

The percentage of deaths under five years of age upon the total number of deaths is shown in the following table for the past ten years ;

YEAR.	TOTAL DEATHS.	DEATHS UNDER 5.	PERCENTAGE OF TOTAL.
1892.....	44,329	18,684	42.15
1893.....	44,486	17,865	40.16
1894.....	41,175	17,558	42.64
1895.....	43,420	18,221	41.95
1896.....	41,622	16,807	40.38
1897.....	38,877	15,305	39.60
1898.....	66,294	25,499	38.46
1899.....	65,343	23,801	36.42
1900.....	70,872	25,836	36.46
1901.....	70,720	24,256	34.30

The figures for the last four years represent the greater city. The figures for these years for the boroughs of Manhattan and The Bronx (the former City of New York) are quite as significant, viz. :

YEAR.	TOTAL DEATHS.	DEATHS UNDER 5.	PERCENTAGE OF TOTAL.
1898.....	40,438	15,591	38.56
1899.....	39,911	14,391	36.06
1900.....	43,227	15,648	36.20
1901.....	43,304	14,809	34.20

In the following table the corresponding figures are compared by boroughs for the years 1900 and 1901 :

BOROUGH.	TOTAL DEATHS.		DEATHS UNDER 5.		PERCENTAGE OF TOTAL.	
	1900.	1901.	1900.	1901.	1900.	1901.
Manhattan.....	38,878	38,507	14,240	13,457	36.63	34.95
The Bronx.....	4,349	4,797	1,408	1,352	32.38	28.19
Brooklyn.....	23,507	23,271	8,777	8,126	37.34	34.92
Queens.....	2,760	2,800	979	920	35.47	32.86
Richmond.....	1,378	1,345	432	401	31.35	29.82

This is surely a remarkable showing. The result of the careful attention paid to the milk supply appears in the marked decrease in the deaths of infants from diarrhoeal diseases. In making up the following table the International or Bertillon classification has been followed, including under this heading diarrhea, entero-colitis, cholera infantum, gastro-enteritis, enteritis and chronic diarrhoea or ulceration of the intestines, and excluding cholera morbus and dysentery. It shows the total deaths from diarrhoeal diseases of infants under two years of age in the boroughs of Manhattan and The Bronx (the old city).

YEAR.	DIARRHŒA UNDER 2.	YEAR.	DIARRHŒA UNDER 2.
1892.....	3,980	1897.....	3,404
1893.....	3,697	1898.....	3,617
1894.....	3,586	1899.....	2,775
1895.....	3,857	1900.....	3,220
1896.....	3,567	1901.....	3,140

This decrease is the more remarkable in view of the extreme and protracted heated terms of the last five years.

CONTAGIOUS DISEASES.

There was a considerable increase in the number of contagious diseases reported, viz., 45,723 against 41,709 in 1900. This increase was entirely in the boroughs of Manhattan and Brooklyn, there being a decrease in all the other boroughs, as shown in the following table :

BOROUGH.	1900.	1901.	INCREASE.	DECREASE.
Manhattan	23,637	27,537	3,900	.....
The Bronx.....	3,916	2,452	.....	1,464
Brooklyn	11,554	13,695	2,141	.....
Queens.....	1,389	1,261	.....	128
Richmond.....	1,213	778	.....	435
City	41,709	45,723	6,014	2,027
	4,014		4,014	

The increase was due almost altogether to two diseases, scarlet fever and small-pox, both of which made a periodic visitation.

The following table shows the number of cases reported in 1900 and 1901 of the chief contagious or infectious diseases, the reporting of which is required by law :

DISEASE.	1900.	1901.	INCREASE.	DECREASE.
Diphtheria and croup.....	12,913	12,329	.....	584
Measles.....	19,299	11,990	.....	7,309
Scarlet fever.....	6,683	16,692	10,009	.....
Typhoid fever.....	2,658	2,748	90	.....
Small-pox.....	156	1,964	1,808	.....
Total.....	41,709	45,723	11,907	7,893

There was a decrease in the reported cases of diphtheria and croup in every borough but Brooklyn, where there was about two per cent. of increase, and a decrease of typhoid fever in every borough but Manhattan, where there was a twelve per cent. increase. The decrease in measles was very great all over the city, ranging from over eighty-three per cent. in The Bronx to about twenty-nine per cent. in Manhattan. The increase of scarlet fever was greatest in Brooklyn, 176 per cent over 1900, and least in Richmond, about two per cent. Next to Brooklyn came Manhattan, with 158 per cent. increase, the increase naturally being the greatest in the densest population and smallest in the most scattered. The increase of small-pox was well distributed throughout the city, the actual number of cases ranging from 1,198 in Manhattan to 3 in Richmond, against 132 and 0 respectively in 1900.

GENERAL WORK OF THE DEPARTMENT.

The details of the operations of the Sanitary Bureau and the Bureau of Records will be found in the reports of the heads of those bureaus, respectively, which are annexed to this report.

As an evidence of their activity, it may be mentioned here that during the year 72,568 specimens of milk were examined, 128,642 dead animals were removed from the streets, 10,481,674 pounds of milk, fruit, meat, fish, and other foods were condemned and seized, 373,638 persons were vaccinated, 31,324 bacteriological examinations were made, 132,475 cubic centimeters of diphtheria and 20,235 of vaccine virus were produced, 10,448 children were excluded from the schools by the medical school inspectors, 5,288 patients were treated in the Department hospitals, 70,720 deaths, 80,735 births, 33,447 marriages, and 5,750 still-births were recorded, indexed and tabulated, 26,361 searches of the records were made, and 23,296 transcripts thereof issued.

SMALL-POX.

The marked increase of small-pox in the latter part of the year made it necessary, in the opinion of the Board, to adopt special measures for its suppression, and on January 8 the following resolution was passed :

“Whereas, The report of the Sanitary Superintendent of this Department, a copy of which is hereto annexed, shows that small-pox is prevalent to a large extent in The City of New York, and that it is necessary to appoint an additional number of vaccinators to prevent the spread of said disease ; therefore be it

“Resolved, That this Board, pursuant to the authority conferred by the provisions of chapter 535 of the Laws of 1893, hereby certifies to the Board of Estimate and Apportionment that the sum of twenty-two thousand five hundred dollars (\$22,500), should be appropriated for the year 1901, for the purpose of defraying the necessary expenses required to be incurred by the Board of Health for the preservation of the public health in employing seventy-five vaccinators for three months, at the rate of one hundred dollars per month.”

The necessary funds having been appropriated, a large number of vaccinators were appointed, and further supplies of money being furnished, they were kept at work during the greater part of the year.

Additional hospital accommodation being found necessary, resolutions were passed on March 6 and July 27, requesting appropriations of ten thousand dollars and twenty thousand dollars respectively, for the construction of additional buildings on North Brother Island. The money having been furnished, three additional pavilions were constructed in connection with Riverside Hospital. It was also found necessary to provide additional accommodation at the Kingston Avenue Hospital in Brooklyn, and tents were erected for that purpose.

MALARIAL DISEASES.

In consequence of the new views lately prevailing regarding the cause and propagation of malarial fevers, the Board, on August 30, passed the following resolutions :

“Whereas, Recent investigations have shown that malarial fever is an infectious disease and can be largely prevented by the adoption of simple precautions ; and

“Whereas, It is the desire of the Department of Health to prevent the extension of malarial fever, which now exists in some of the boroughs, to the other boroughs, and to restrict its prevalence in those where it already exists; therefore, be it

“Resolved, That all public institutions, hospitals, homes, asylums, etc., be required to report all cases of malarial fever which come under their observation, giving the name, age, sex, occupation and present address of the patient, and also information as to whether the attack is a primary affection or a relapse, and the address where the disease was probably contracted.

“Resolved, That all physicians in The City of New York be requested to furnish similar information in regard to patients suffering from malarial fever under their care.

“Resolved, That the circulars of information of the Department of Health regarding ‘The Causation and Prevention of Malarial Fever’ be mailed to the addresses at which malarial infection has apparently been contracted, and also to the addresses from which the cases are reported, when these are different.

“Resolved, That postal cards for furnishing the required data be prepared and forwarded to institutions and physicians for reporting the cases of malarial fever which come under their observation, as is done in other infectious diseases.”

The circular referred to in these resolutions is the following :

“Recent investigations have shown that malarial fever belongs to that class of diseases which require for their transmission the active services of a definite species of mosquito, i. e. Anopheles. This species is not the common one of this region, but still it is present in many localities.

“The organism causing malarial fever (the *Plasmodium malariae*) is probably a true parasite, and so far as we know, only finds the conditions necessary for its existence in the living human body, and in this species of the mosquito, the latter becoming infected by sucking the blood from an infected human being. The malarial organism having thus entered the stomach of the mosquito, then passes through certain changes in the body of the infected insect, and at the end of about ten days reaches the poison gland. After this time, if the mosquito bites another human being, the malarial organism is introduced into the circulation of the latter, and malarial fever follows.

“So far as we know certain localities are malarious only because they furnish favorable conditions for breeding this species of mosquito. Malarial fever, however, would not occur in any malarious district unless some infected human being were in it, or came into it and infected the mosquitoes, which in turn infected other human beings.

“Recent observations in the intensely malarial districts in Italy and Africa have shown that even newcomers in these regions who purposely expose themselves by living in the most highly malarious areas, for example, the Roman Campagna, do not develop malarial fever if they are carefully protected from the bites of mosquitoes; and further, it has been shown that this disease may be produced with certainty if a mosquito of the *Anopheles* species is allowed to bite a person suffering from malarial fever, and then, after a sufficient time, is allowed to bite a healthy person.

“ Certain simple precautions suffice to protect persons living in malarial districts from infection :

“ First—Proper screening of the house to prevent the entrance of the mosquito (after careful search for and destruction of all those already present in the house) and screening of the bed at night. The chief danger of infection is at night (the *Anopheles* bite mostly at this time).

“ Second—The screening of persons in malarial districts who are suffering from malarial fever, so that mosquitoes may not bite them and thus become infected.

“ Third—The administration of quinine in full doses to malarial patients to destroy the malarial organisms in the blood.

“ Fourth—The removal of the breeding places of the mosquito through drainage, filling up of holes and surface pools, and emptying of tubs, pails, etc., which contain stagnant water.

“ These mosquitoes particularly breed in surface rain-water pools and surface stagnant water where there are no fish, and in pails or tubs of standing water, etc.

“ Fifth—The destruction of the mosquito larva in pools which cannot be drained or filled, by the use of petroleum thrown upon the surface.

“ These measures if properly carried out will suffice to greatly restrict the prevalence of the disease, and to largely prevent the occurrence of new malarial infections.

“ It must be remembered that when a person is once infected, the organisms may remain in the body for many years, producing from time to time relapses of the fever.

“ It is the desire of the Department of Health to obtain information as to the location of the cases of malarial fever, so that the people may be instructed as to the danger of infection and the methods of avoiding it.

“ A case of malarial infection in a house, whether the person is actively ill or the infection is latent, in a locality where the *Anopheles* mosquitoes are present, is a constant source of danger, not only to the inmates of the house, but to the immediate neighborhood, if proper precautions are not taken. It should be noted in this connection that the mosquitoes may remain in a house through an entire winter and probably infect the inmates in the spring upon the return of the warm weather.

“ Malarial fever is quite prevalent in certain boroughs of New York City, and is likely to extend to the boroughs of Manhattan and Brooklyn, in view of the extensive excavations taking place in various parts of these boroughs, if means are not taken for its prevention.

“ The Board of Health desires the co-operation of all physicians in its efforts to disseminate information in regard to the causation and prevention of malarial fever, and in its efforts to restrict the prevalence of this disease in New York City.

“ Approved July 18, 1901.

“ By order of the Board of Health.

JOHN B. SEXTON, President.

“ C. GOLDBERMAN, Secretary pro tem.”

SANITARY CODE.

The Sanitary Code was amended during the year in two respects, viz., the sale of horse-meat within the city limits and the temperature of milk offered for sale.

On February 6 section 86 of the Sanitary Code was amended as follows, the additional matter being underlined :

“Section 86. That neither the business of slaughtering cattle, nor the keeping of any slaughter-house, nor the yarding of cattle, shall be begun or undertaken at any new or additional place within The City of New York, except pursuant to a permit from this Department ; nor shall any person or corporation keep any slaughter-house or yard, or any cattle therein hereafter, without a permit from this Department, and the slaughtering of horses for food is prohibited, and no horses shall be slaughtered in The City of New York without a permit, in writing, from the Department of Health ; and no meat of slaughtered horses shall be brought into, or held, kept or offered for sale at any place in said city.”

On August 5 the following amendment to section 63 was adopted, the new matter being underlined as before :

“Section 63. No milk which has been watered, adulterated, reduced or changed in any respect by the addition of water or other substance, or by the removal of cream, shall be brought into, held, kept or offered for sale at any place in The City of New York ; nor shall any one keep, have or offer for sale in the said city any such milk.

“The term ‘adulterated’ when so used in this section means :

“First—Milk containing more than eighty-eight per centum of water or fluids.

“Second—Milk containing less than twelve per centum of milk solids.

“Third—Milk containing less than three per centum of fats.

“Fourth—Milk drawn from animals within fifteen days before or five days after parturition.

“Fifth—Milk drawn from animals fed on distillery waste, or any substance in a state of fermentation or putrefaction, or on any unhealthy food.

“Sixth—Milk drawn from cows kept in a crowded or unhealthy condition.

“Seventh—Milk from which any part of the cream has been removed.

“Eighth—Milk which has been diluted with water or any other fluid, or to which has been added or into which has been introduced any foreign substance whatever.

“Ninth—Milk, the temperature of which is higher than 50 degrees Fahrenheit.”

THE PARK AVENUE TUNNEL.

During the spring and summer, complaints about the foul air, the smoke and steam and the heat, due to the poor ventilation of the railway tunnel in Park avenue, north of Fifty-sixth street, became more and more numerous and insistent. On July 22 a communication was presented at the meeting of the Board from District Attorney Philbin, requesting the Department of Health to make an investigation of the matter. An inspection had, however, already been ordered, and at the same meeting the report of Inspectors Sprenger and Shears was presented, embodying the results of their investigation. A month later, on August 29, the following order was issued :

“ That the sewers under the surface of the floor of the tunnel be properly closed gas-tight ; that proper and sufficient water-closet accommodations be provided for the employees in said tunnel ; that the brick and stone sustaining walls between the three sections of the tunnel be removed, and proper and sufficient steel girders and columns be placed in lieu of same ; that the small shafts which ventilate the tunnel between Sixty-seventh and Seventy-first streets and between Eighty-first and Ninety-fifth streets be enlarged and extended on every block in a like manner to conform with the ventilating shafts from Fifty-sixth to Sixty-seventh street.”

On the following day the counsel and engineer of the New York Central and Hudson River Railroad appeared before the Board and requested an extension of time in which to comply with the requirements of the order. An extension was granted until September 18, and subsequently other extensions were granted, a portion of the order having been complied with, until on November 20 an application was received from the company requesting that certain portions of the order be rescinded. This application was laid upon the table, and no further action in the matter was taken during the remainder of the year.

OFFICE OF THE ATTORNEY AND COUNSEL.

The work of the Attorney's office has been carried on with efficiency and despatch. The following is a summary of its operations :

BOROUGH OF MANHATTAN.

Orders received from the Board of Health for prosecution and other legal action . . .	17,397
Notices of intention to commence action on orders received where a violation existed	17,397
Extra notices	5,339
	—————
	22,736
Nuisances abated after issuing and service of notice	15,760
Actions commenced to recover penalties	2,104
Civil actions pending last year	384
Judgments recovered in Municipal Courts in favor of the Department for the sum of \$209.50 in each case	120
Transcripts filed in County Clerk's office	53
Executions issued	53
Judgments vacated and set aside by order of the Court	122
Actions discontinued by request of the Board of Health, nuisance having been abated	2,107
Civil actions now pending	383
Arrests in Criminal Court for violation of Sanitary Code	1,413
Judgments on conviction in Courts of General and Special Sessions	672
Amount of fines imposed by Courts of General and Special Sessions upon conviction	\$5,107 00

BOROUGH OF THE BRONX.

Orders received from the Board of Health for prosecution and other legal action...	1,067
Notices of intention to commence action on orders received where a violation existed.	1,067
Nuisances abated after issuing and service of action	942
Actions commenced to recover penalties.....	102
Civil actions pending last year.....	32
Judgments recovered in Municipal Courts in favor of the Department for the sum of \$209.50 in each case	4
Transcripts filed in County Clerk's office.....	3
Executions issued.....	3
Judgments vacated and set aside by order of the Court.....	4
Actions discontinued by request of the Board of Health, nuisance having been abated.	91
Civil actions now pending.....	110
Amount of fines imposed by Courts of General and Special Sessions upon conviction.....	\$134 00

BOROUGH OF BROOKLYN.

Orders received from the Board of Health for prosecution and other legal action...	2,009
Notices of intention to commence action on orders received where a violation existed	1,809
Extra notices.	300
	<hr/> 2,109
Nuisances abated after issuing and service of notice.....	1,679
Actions discontinued, nuisance having been abated.....	134
Actions now pending in hands of counsel.....	410
Arrests in Criminal Courts for violation of Sanitary Code.....	130
Judgments on conviction in Courts of General and Special Sessions.....	92
Amount of fines paid to Clerk of Courts of General and Special Sessions upon conviction.....	\$866 00

BOROUGH OF QUEENS.

Orders received from the Board of Health for prosecution and other legal action...	990
Notices of intention to commence action on orders received where a violation existed.....	990
Nuisances abated after issuing and service of notice.....	324
Summonses issued out of City Magistrates' Courts for violation of the Sanitary Code and Tenement-house Law.....	13
Arrests in Criminal Court for violation of Sanitary Code.....	8
Judgments on conviction in Courts of General and Special Sessions.....	6
Amount of fines paid to Clerk of Courts of General and Special Sessions upon conviction.....	\$160 00

BOROUGH OF RICHMOND.

Orders received from the Board of Health for prosecution and other legal action.	66	
Notices of intention to commence action on orders received where a violation existed.	66	
Extra notices.	20	
		86
Nuisances abated after issuing and service of notice.		64
Amount of fines paid to Clerk of Courts of General and Special Sessions upon conviction.		\$25 00
		<u>25 00</u>

The appropriations made to the Department of Health for the year 1901 were as follows :

DEPARTMENT OF HEALTH.

Salaries, Board of Health and Secretary's Office.	\$54,026 00
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BOROUGH OF MANHATTAN.

Salaries.	\$236,968 00	
Law Expenses—Marshal's Fees.	2,000 00	
Contingent Expenses.	20,000 00	
For Removal of Night-soil, Offal and Dead Animals.	25,000 00	
Sanitary Police.	70,800 00	
Disinfection.	26,880 00	
Hospital Fund (excluding payments to private hospitals).	36,000 00	
Bacteriological Laboratory.	49,796 00	
Salaries of Medical School Inspectors.	48,820 00	
For Maintenance of Volunteer Life-saving Corps.	1,000 00	
		517,264 00

BOROUGH OF THE BRONX.

Salaries.	\$61,000 00	
Contingent Expenses.	2,750 00	
Disinfection.	1,500 00	
For Removal of Night-soil, Offal and Dead Animals.	5,000 00	
Hospital Fund (excluding payments to private hospitals)	30,000 00	
Salaries of Medical School Inspectors.	6,000 00	
Sanitary Police	8,500 00	
		114,750 00

BOROUGH OF BROOKLYN.

Salaries.	\$145,000 00	
Contingent Expenses.	10,000 00	
Disinfection.	9,200 00	
Removal of Night-soil, Offal and Dead Animals.	10,000 00	
Hospital Fund (excluding payments to private hospitals).	23,500 00	
Salaries of Medical School Inspectors.	14,000 00	
Support of Ambulance Service.	16,600 00	
Law Expenses—Marshal's Fees.	1,000 00	
Sanitary Police.	36,500 00	
		265,800 00

BOROUGH OF QUEENS.

Salaries.....	\$22,400 00	
Contingent Expenses.....	2,000 00	
Disinfection.....	2,500 00	
Removal of Night-soil, Offal and Dead Animals.....	14,950 00	
Hospital Fund (excluding payments to private hospitals).....	1,000 00	
Salaries of Medical School Inspectors.....	2,000 00	
Support of Ambulance Service.....	2,400 00	
Sanitary Police.....	8,500 00	
		<u>\$55,750 00</u>

BOROUGH OF RICHMOND.

Salaries.....	\$26,400 00	
Contingent Expenses.....	1,500 00	
Disinfection.....	2,000 00	
Hospital Fund (excluding payments to private hospitals).....	1,000 00	
Salaries of Medical School Inspectors.....	2,000 00	
Sanitary Police.....	8,500 00	
Removal of Night-soil, Offal and Dead Animals.....	5,000 00	
		<u>46,400 00</u>
Grand total.....		<u>\$1,053,990 00</u>

In conclusion, the Board desires to express its high appreciation of the services of the officers and employees of the Department, to whose fidelity and efficiency much of the success of its administration has been due.

Respectfully submitted,

JOHN B. SEXTON, President.
 WM. T. JENKINS, Commissioner.
 JOHN B. COSBY, Commissioner.
 A. H. DOTY, Health Officer of the Port.
 M. C. MURPHY, Commissioner of Police.

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SANITARY BUREAU.

DEPARTMENT OF HEALTH,
 SIXTH AVENUE AND FIFTY-FIFTH STREET, }
 NEW YORK, December 31, 1901.

To the Honorable Board of Health:

SIRS—I have the honor to submit the report of the work performed in the Sanitary Bureau during the year 1901.

The Sanitary Bureau of the Department of Health is under the charge of the Sanitary Superintendent, assisted by five Assistant Sanitary Superintendents, one in charge of each of the five boroughs.

F. H. Dillingham, M. D., in charge of the Borough of Manhattan.
 Robert A. Black, M. D., in charge of the Borough of Brooklyn.

Eugene Monaghan, M. D., in charge of the Borough of The Bronx.

Obed L. Lusk, M. D., in charge of the Borough of Queens.

John L. Feeney, M. D., in charge of the Borough of Richmond ; died May 31, 1901.

Theodore Walser, M. D., in charge of the Borough of Richmond ; appointed June 21, 1901.

The Sanitary Bureau is charged with the duty of inspecting and reporting, in proper form, all nuisances or causes of danger to the public health ; with the execution of the orders of the Board ; with the care of contagious diseases ; with the inspection of foods and offensive trades ; with the inspection of mercantile establishments and issuance of employment certificates ; with the pathological, bacteriological and chemical research and investigations, and with the inspection of scholars attending the public, parochial and private schools.

The number of inspections and reinspections was 2,033,944, classified as follows :

By the Sanitary Inspectors.....	157,892
By the Sanitary Police.....	407,813
By the Division of Food Inspection and Offensive Trades.....	1,244,230
By the Division of Contagious Diseases.....	142,007
By the Division of Medical School Inspection.....	78,186
By the Division of Bacteriology.....	1,728
By the Division of Marine Inspection.....	2,088
Total.....	<u>2,033,944</u>

The number of complaints returned was 57,852, classified as follows :

By the Sanitary Inspectors.....	29,495
By the Sanitary Police.....	26,559
By the Division of Food Inspection and Offensive Trades.....	1,154
By the Division of Contagious Diseases.....	644
Total.....	<u>57,852</u>

The number of complaints received from citizens was 37,874, all of which were referred to the Sanitary Inspectors and the Sanitary Police for investigation and report.

The Sanitary Superintendent during the same period, under instructions and authority of the Board, granted 2,478 permits to discharge cargoes, under proper vouchers from the Health Officer of the Port, and 9,781 miscellaneous permits, under the Sanitary Code.

Inspections made during the year 1901, show that in the

Borough of Manhattan there were 3,326 stables and 65,086 horses ;

Borough of The Bronx there were 2,236 stables and 8,200 horses ;

Borough of Richmond there were 1,573 stables and 3,856 horses ;

Borough of Brooklyn there were 6,709 stables and 33,480 horses.

The census of the Borough of Queens was not completed.

The following tabulated statement and summary shows the date, location and character of premises, cause of action and the result of vacation of houses by the Board of Health, in compliance with the requirements of section 1315 of chapter 378 of the Laws of 1897 :

Borough of Manhattan.

NO.	DATE.	LOCATION.	CAUSE.	RESULT.
1	Jan. 2	14 West End avenue.....	Defective plumbing.....	Complied May 13.
2	" 2	57 Seventh street.....	Defective drainage.....	" Jan. 30.
3	" 2	510 East 14th street.....	Defective plumbing.....	" Feb. 7.
4	" 2	13 St. Mark's place.....	".....	" " 23.
5	" 2	335 East 8th street.....	Defective drainage.....	" " 2.
6	" 9	321 East 18th street.....	".....	" " 5.
7	" 9	636 East 11th street.....	Defective plumbing and defective drainage.....	" Jan. 18.
8	" 9	236 East 28th street.....			Defective plumbing and defective drainage.....
9	" 9	287 Avenue B.....	Defective plumbing.....	" Feb. 21.
10	" 16	461 West 19th street.....	Defective plumbing and defective drainage.....	" " 2.
11	" 16	214 West 36th street.....			Defective plumbing and defective drainage.....
12	" 23	235 West 61st street.....	Defective plumbing and want of repair	Vacated Feb. 15; com- plied June 11.
13	" 30	436 West 28th street.....	Defective drainage.....	Complied Feb. 13.
14	" 30	587 First avenue.....	Defective drainage and defective plumbing.....	" Mar. 6.
15	" 23	355 West 26th street.....			Defective plumbing.....
16	" 23	2301 Eighth avenue.....	Defective drainage.....	" Feb. 11.
17	" 23	1105 First avenue.....	".....	" Mar. 5.
18	Feb. 6	249 Mulberry street.....	".....	" Aug. 16.
19	" 6	251 Mulberry street.....	".....	" " 16.
20	" 6	349 East 61st street.....	".....	" Feb. 21.
21	" 20	244 West 60th street.....	Defective plumbing and want of repair.	" Oct. 28.
22	Mar. 6	221 East 44th street.....	Defective drainage and want of repair..	" Mar. 19.
23	" 6	809 Fifth street.....	Defective drainage, defective plumb- ing and want of repair.....	" " 22.
24	" 6	524 East 19th street.....			Defective plumbing and want of repair.
25	" 15	344 East 47th street.....	" " }	Vacated Apr. 1; com- plied June 21.
26	" 22	536 Third avenue.....	" " }	Complied Apr. 13.
27	" 27	335 Sixth street.....	Defective drainage.....	" May 2.
28	Apr. 10	397 East 8th street.....	Defective drainage and defective plumbing.....	" Apr. 17.
29	" 10	211 East 97th street.....			Defective plumbing.....
30	" 10	346 East 82d street.....	Defective drainage and defective plumbing.....	" " 8.
31	" 10	1367 First avenue.....			Defective drainage.....
32	" 10	102 Bayard street (front).....	Defective plumbing and want of repair..	" " 21.
33	" 10	102 Bayard street (rear).....	" " ..	" " 21.
34	" 17	27 Avenue D.....	Defective drainage.....	" May 1.
35	" 17	79 Goerck street.....	Defective drainage and want of repair..	" " 15.
36	" 17	61 East 99th street.....	Defective drainage.....	" " 17.
37	" 17	249 Mulberry street (rear).....	Existence of a nuisance.....	" Aug. 10.

No.	DATE.	LOCATION.	CAUSE.	RESULT.
38	Apr. 17	251 Mulberry street (rear)	Existence of a nuisance.....	Complied Aug. 10.
39	" 24	213 Delancey street.....	Defective plumbing and want of repair..	" July 23.
40	" 24	39 Pitt street.....	" " }	Vacated July 13 ; complied July 23.
41	May 1	232 East 97th street.....	" " ..	Work progressing.
42	" 1	235 West 37th street.....	" " ..	Complied June 20.
43	" 8	925 Second avenue.....	" " ..	" " 12.
44	" 8	927 Second avenue.....	" " ..	" " 12.
45	" 8	125 East 50th street.....	Defective plumbing and defective } drainage..... }	" May 29.
46	" 15	177 Delancey street.....	Defective drainage and want of repair }	Vacated Aug. 20 ; complied Sept. 4.
47	" 15	316 East 8th street.....	Defective drainage.....	Complied May 28.
48	" 15	251 Delancey street.....	Defective plumbing and want of repair..	" Aug. 1.
49	" 15	253 Delancey street.....	" " ..	" " 1.
50	" 23	224 East 97th street.....	" " ..	" June 21.
51	June 6	308 East 12th street.. ..	Defective drainage and want of repair..	" July 1.
52	" 12	206 West 46th street.....	Defective plumbing and defective } drainage..... }	" " 10.
53	" 12	354 East 32d street.....	Defective drainage	" June 19.
54	" 12	16 West 64th street.....	Defective plumbing and want of repair..	Work progressing.
55	" 12	18 West 64th street.....	" " }	Vacated July 13 ; com- plied Dec. 31
56	" 12	14 West 64th street.....	" " ..	Work progressing.
57	" 12	242 West 60th street.....	Defective drainage	Vacated June 4 ; com- plied Sept. 7.
58	" 20	614 East 13th street (front).....	Defective drainage and want of repair..	Complied Sept. 4.
59	" 20	614 East 13th street (rear).....	" " ..	" Sept. 4.
60	" 20	616 East 13th street (front).....	" " ..	" Aug. 20.
61	" 20	616 East 13th street (rear).....	" " ..	" " 20.
62	" 26	522 West 27th street.....	Defective drainage	" Dec. 18.
63	" 26	46 Avenue A.....	"	" July 9.
64	July 17	195 East 101st street.....	Defective drainage and defective } plumbing..... }	" Aug. 7.
65	" 17	49 Avenue B (front).....	Defective drainage and want of repair.	" " 13.
66	" 17	342 East 11th street.....	" " ..	" " 16.
67	" 17	178 East 3d street (front).....	" " ..	" " 21.
68	" 17	178 East 3d street (rear).....	" " ..	" " 21.
69	" 17	146 West 19th street (front)....	Defective plumbing and want of repair.	" Sept. 5.
70	" 17	146 West 19th street (rear)....	" " ..	" " 5.
71	" 17	353 East 78th street.....	Existence of a nuisance.....	" July 29.
72	" 22	1434 Lexington avenue.....	Defective plumbing.....	" Dec. 6.
73	" 22	210 East 44th street.....	"	" Oct. 1.
74	" 22	141 West 27th street.....	Defective drainage	" Nov. 8.

No.	DATE.	LOCATION.	CAUSE.	RESULT.
75	July 31	241 West 60th street.....	Defective drainage and want of repair.	Complied Oct. 12.
76	" 31	239 West 60th street.....	" " "	" " 12.
77	" 31	202 West 65th street.....	Defective plumbing and want of repair.	" Nov. 21.
78	" 31	204 West 65th street.....	" " "	" " 21.
79	" 31	195 Allen street.....	Defective drainage.....	" Aug. 15.
80	Aug. 5	806 Fifth street.....	"	" " 15.
81	" 5	331 Sixth street.....	"	" Sept. 4.
82	" 5	415 East 79th street.....	"	" Oct. 7.
83	" 5	278 East Houston street.....	Defective plumbing.....	" Aug. 20.
84	Sept. 12	651 Fourth avenue.....	{ Defective drainage and defective plumbing..... }	Work progressing.
85	" 18	424 West 56th street.....	Defective drainage.....	Complied Dec. 10.
86	" 18	535 West 38th street.....	Existence of a nuisance.....	" " 30.
87	" 18	96 East 4th street.....	{ Defective drainage and defective plumbing..... }	" Oct. 5.
88	" 18	105 Washington street.....	Defective drainage	" " 1.
89	" 25	601 West 52d street.....	Defective drainage and want of repair..	" Nov. 21.
90	Oct. 4	28½ Little West 12th street...	" "	" " 8.
91	" 4	174 Avenue B.....	{ Defective drainage and defective plumbing..... }	" " 13.
92	" 9	257 West 140th street.....	Defective drainage.....	" Oct. 17.
93	" 9	1456 Lexington avenue.....	"	" Dec. 6.
94	Nov. 20	738 Tenth avenue.....	Defective drainage and want of repair..	" " 20.
95	Dec. 4	372 Madison street.....	{ Defective drainage and defective plumbing..... }	Work progressing.
96	" 4	630 East 13th street.....	Want of repair	"
97	" 4	85 Lawrence street	Defective drainage.....	"
98	" 11	437 East 15th street.....	{ Defective plumbing and defective drainage..... }	Complied Dec. 26.

Borough of Brooklyn.

No.	DATE.	LOCATION.	CAUSE.	RESULT.
1	Jan. 23	33 Graham avenue.....	{ Defective plumbing and defective drainage..... }	Complied May 29.
2	" 23	54 Georgia avenue.....	{ Defective plumbing and defective drainage..... }	" Mar. 21.
3	" 23	56 Georgia avenue.....	{ Defective plumbing and defective drainage..... }	" " 21.
4	" 23	58 Georgia avenue.....	{ Defective drainage and defective plumbing..... }	" " 21.
5	" 23	60 Georgia avenue.....	{ Defective plumbing and defective drainage..... }	" " 21.
6	" 30	101 Walworth street.....	Defective plumbing.....	Vacated Feb. 9; com- plied Dec. 28.
7	" 30	511 Hicks street.....	"	Vacated Feb. 6; work progressing.
8	" 30	177 Fort Greene place.....	"	Vacated Feb. 6; com- plied Mar. 28.

No.	DATE.	LOCATION.	CAUSE.	RESULT.
9	Feb. 20	601 Dean street.....	Defective drainage and defective plumbing.....	Complied Apr. 6.
10	" 20	603 Dean street.....	Defective drainage and defective plumbing.....	" " 6.
11	" 20	605 Dean street.....	Defective drainage and defective plumbing.....	" " 6.
12	" 20	607 Dean street.....	Defective drainage and defective plumbing.....	" " 6.
13	" 20	613 Dean street.....	Defective plumbing and defective plumbing.....	" " 6.
14	Mar. 22	51 Sixteenth street.....	Defective plumbing.....	Work progressing.
15	" 22	150 West 9th street.....	".....	Complied Apr. 15.
16	" 27	181 Navy street.....	".....	" Sept. 12.
17	Apr. 24	365 Wythe avenue.....	Defective plumbing and defective drainage.....	Vacated Apr. 30. Work progressing.
18	May 1	11 Prescott place.....	Defective plumbing and want of repair.	Complied May 20.
19	" 1	1352 Prospect place.....	Defective plumbing and defective drainage.....	Work progressing.
20	" 15	69 Degraw street.....	Defective drainage and defective plumbing.....	Complied June 17.
21	" 29	935 Pacific street.....	Defective plumbing.....	" Sept. 2.
22	June 12	110 Marion street.....	Defective plumbing and defective drainage.....	" Aug. 28.
23	" 19	East side Van Bergen's Walk and the Beach.....	Defective plumbing and defective drainage.....	" July 11.
24	" 19	782 Monroe street.....	Defective plumbing and defective drainage.....	" Oct. 27.
25	July 10	333 Lexington avenue.....	Defective plumbing.....	" Sept. 4.
26	" 17	166 Thirty-ninth street.....	Defective drainage.....	Vacated July 25. Complied Dec. 28.
27	" 22	183 Stockholm street.....	".....	Vacated July 30.
28	Aug. 5	1009 Gates avenue.....	Defective plumbing.....	Complied Oct. 27.
29	" 5	453½ State street.....	Defective plumbing and defective drainage.....	Vacated Sept. 9.
30	" 5	4 and 5 Prospect Park, West.	Defective plumbing and defective drainage.....	" " 9.
31	" 5	South side Neck road, 150 feet east of Gravesend avenue.	Defective plumbing and defective drainage.....	Complied " 13.
32	Sept. 25	East side Steeplechase Walk, 600 feet south of Ocean avenue.....	Defective plumbing.....	" Dec. 24.
33	" 25	West side Steeplechase Walk, 600 feet south of Ocean avenue.....	".....	" " 24.
34	" 25	The Beach, 150 feet west of Steeplechase Walk.....	".....	" " 24.
35	Oct. 9	627 Fourth avenue.....	Defective plumbing and defective drainage.....	Vacated Oct. 18. Complied Dec. 28.
36	" 9	647 Fourth avenue.....	Defective plumbing and defective drainage.....	Vacated Oct. 18. Work progressing.
37	" 9	625 Fourth avenue.....	Defective plumbing and defective drainage.....	Complied Dec. 28.
38	" 18	1142 Bedford avenue.....	Defective plumbing.....	" Nov. 15.
39	Dec. 4	342 Bond street.....	Defective plumbing and defective drainage.....	" Dec. 19.
40	" 4	221 Devoe street.....	Defective plumbing and defective drainage.....	" " 19.
41	" 4	206 Johnson street.....	Defective plumbing.....	Work progressing.
42	" 18	23 President street.....	Defective drainage.....	"
43	" 26	92 Meserole street.....	Defective plumbing.....	"
44	" 26	54 Box street.....	Defective plumbing and defective drainage.....	"

NO.	DATE.	LOCATION.	CAUSE.	RESULT.
45	Dec. 26	1674 Fulton street.....	Defective plumbing.....	Work progressing.
46	" 26	15 Broadway	Defective plumbing and defective drainage.....	"
47	" 26	17 Broadway	Defective plumbing and defective drainage.....	"

Borough of The Bronx.

NO.	DATE.	LOCATION.	CAUSE.	RESULT.
1	Jan. 23	White Plains road, second house south of Walkly place.....	Defective plumbing.....	Complied Mar. 16.
2	" 23	Southeast corner Fifth street and Greene avenue, Westchester.....	"	" Nov. 7.
3	" 23	Northwest corner Evelyn place and Davidson avenue.....	"	" Feb. 13.
4	Feb. 6	North side Evelyn place, second house west of Davidson avenue.....	"	" July 13.
5	" 6	603 East One Hundred and Eighty-fourth street.....	Defective plumbing and defective drainage.....	" Mar. 2.
6	Apr. 10	East side White Plains road, third house south of Briggs avenue.....	Existence of a nuisance.....	" Nov. 10.
7	" 10	Southeast corner White Plains road and Logan street.....	Defective plumbing.....	" Apr. 22.
8	" 10	North side Eighteenth street, first house east of White Plains road.....	Existence of a nuisance	Work progressing.
9	" 17	2002 Washington avenue.....	"	Complied Dec. 12.
10	" 24	672 East One Hundred and Seventy-third street.....	Defective plumbing and defective drainage.....	" Oct. 12.
11	May 8	Thirty-eighth Precinct Station-house Westchester	Defective plumbing.....	" June 12.
12	" 15	South side West Farms road, first house east of Rosedale avenue.....	Defective drainage	Work progressing.
13	June 12	588 East One Hundred and Forty-fifth street.....	Defective plumbing.....	Complied July 3.
14	July 3	Classon avenue and Mansio street.....	Defective plumbing and defective drainage.....	" " 29.
15	" 3	34 Fourth street, Williams-bridge.....	Defective plumbing and defective drainage.....	" Aug. 19.
16	" 3	36 Fourth street, Williams-bridge.....	Defective plumbing and defective drainage.....	" " 19.
17	" 10	West side Eastern Boulevard, third house south Haskin street.....	Defective plumbing.....	" " 23.
18	" 22	Jerome avenue and 167th st....	Defective drainage	" Nov. 8.
19	" 31	Jerome avenue and 167th street (stable).....	Existence of a nuisance.....	" " 1.
20	Aug. 6	750 East 162d street.....	Defective plumbing and defective drainage.....	" Oct. 14.
21	" 6	1652 Webster avenue.....	Existence of a nuisance.....	" " 28.
22	" 6	West side Topping avenue, first house south of 176th street.....	"	" Sept. 17.
23	Sept. 12	West side Spuyten Duyvil road, first house south Rosedale avenue.....	Defective plumbing.....	" Oct. 10.

No.	DATE.	LOCATION.	CAUSE.	RESULT.]
24	Sept. 18	3647 Third avenue.....	Existence of a nuisance.....	Complied Oct. 30.
25	Oct. 4	2466 Arthur avenue.....	Defective plumbing.....	" Dec. 10.
26	" 4	2468 Arthur avenue.....	"	" " 10.
27	" 4	10 Potter place	Defective drainage.....	" " 13.
28	" 4	1126 Union avenue.....	"	" Oct. 26.
29	" 18	North side Unionport road, } first house east Columbus } avenue.....	"	" Nov. 7.
30	" 18	North side 203d street, four } houses west of Mosholu } Parkway.....	Existence of a nuisance.....	" " 4.
31	" 18	West side Catharine street, } first house north Nerod } avenue, Wakefield.....	Defective drainage	" " 11.
32	" 18	Northwest corner Cleveland } avenue and Second street. }	"	" " 25.
33	" 18	2 Potter place.....	"	" Dec. 13.
34	" 18	4 Potter place.....	"	" " 13.
35	" 18	6 Potter place.....	"	" " 13.
36	" 18	8 Potter place.....	"	" " 13.
37	" 30	452 Robbins avenue.....	"	" Nov. 29.
38	" 30	Southeast corner 159th and } Walton streets.....	Existence of a nuisance.....	Work progressing.
39	Nov. 6	North side Longwood avenue, } fourth house east of rail- } road, Springhurst.....	Defective drainage.....	Complied Dec. 20.
40	" 6	North side Longwood avenue, } third house east of rail- } road, Springhurst.....	"	" " 20.
41	" 6	North side Longwood avenue, } second house east of rail- } road, Springhurst.....	"	" " 20.
42	" 6	Southwest corner 203d street } and Valentine avenue.... }	"	" Nov. 25.
43	" 6	479 Robbins avenue.....	"	" Dec. 20.
44	" 13	865 East 139th street (basement)	Existence of a nuisance	" " 16.
45	" 13	867 East 139th street (basement)	"	" " 16.
46	" 20	2396 Hoffman avenue.....	Defective drainage.....	" " 28.
47	" 27	South side 230th street, sec- } ond house west of Bailey } avenue.....	Existence of a nuisance.....	" " 13.
48	" 27	3120 Jerome avenue.....	Defective drainage	" " 15.
49	" 27	East side Barker avenue, first } house north of Elizabeth } street, Williamsbridge.... }	"	" " 21.
50	" 18	3649 Third avenue.....	Existence of a nuisance	" " 26.
51	" 18	Northeast corner 188th street } and Washington avenue.. }	Defective drainage	Work progressing.
52	" 26	West side Ogden avenue cor- } ner Kemp place.....	"	"

Number of manufactories and workshops	1,634
" stables	731
" sunken and vacant lots	1,165
" miscellaneous	39,690
Total	93,427

Number of complaints forwarded for Board orders	29,495
" negative reports forwarded	20,608
" reinspections on orders	64,465

MERCANTILE ESTABLISHMENTS.

Number of citizens' complaints received	1,110
" citizens' complaints returned for orders	244
" citizens' complaints returned as negative	872
" original complaints forwarded for orders	42

Number of children interviewed applying for certificates	30,406
" employment certificates granted	23,492
" employment certificates refused	2,203
" duplicate certificates issued	1,456

Inspections Classified as to Cause of Complaint.

NATURE OF COMPLAINT.				NATURE OF COMPLAINT.			
	Cause.	No Cause.	Total.		Cause.	No Cause.	Total.
Plumbing	17,477	8,553	26,010	Cows, etc	91	22	113
Ventilation	1,702	1,680	3,382	Fowls	154	84	238
Drainage	964	988	1,952	Filth	19,949	8,296	28,245
Light	604	351	955	Public highways	94	19	113
Stables	516	150	666	Sunken and vacant lots	600	244	844
Manure vaults	213	32	245	Streets, gutters and sidewalks	128	23	151
Repairs	14,766	5,883	20,649	Sewers and receiving-basins	177	50	227
Cellars and basements	12,529	5,516	18,045	Ash and garbage receptacles	278	8	286
Privies and water-closets	13,742	5,559	19,301	Miscellaneous	2,268	1,527	3,795
Cesspools	699	150	849	Totals	86,951	39,115	126,066

The number of dead animals and the quantity of offal, garbage, etc., removed from the shore front by the Shore Inspectors was :

Dogs.....	2,051	Fish.....	4,422
Cats.....	1,156	Offal.....	6,466
Rats.....	1,528	Garbage.....	7,685
Goats.....	23	Meats.....	4,344
Sheep.....	52	Bedding.....	470
Hogs.....	26	Clothing.....	1,364
Horses.....	3	Mattresses.....	475
Fowls.....	1,502	Human bodies.....	4
Cows.....	3	Miscellaneous.....	13
Total.....	<u>6,344</u>		

WORK PERFORMED BY THE SANITARY POLICE.

Number of inspections..... 361,862

Classified as to Character of Premises.

Number of tenement-houses.....	172,113
“ lodging-houses.....	1,049
“ private dwellings.....	5,244
“ mercantile establishments.....	38,673
“ manufactories and workshops.....	1,600
“ slaughter-houses.....	881
“ stables.....	19,121
“ manure dumps.....	6,049
“ sunken and vacant lots.....	4,200
“ miscellaneous.....	112,932
Total.....	<u>361,862</u>

Number of complaints forwarded for Board orders.....	23,918
“ complaints made and referred to Inspectors.....	2,508
“ complaints made on overcrowding in tenement-houses.....	133
“ negative reports forwarded.....	10,700
“ night inspections of apartments in tenements to report overcrowding.....	51,211
“ tenement-houses inspected, “ house to house inspection ”.....	123,955
“ visits to stop work, close stores, and premises under observation on account of contagious diseases.....	6,182
“ ash receptacles removed from outside stoop-line.....	10,683

Number of reinspections on orders..... 45,951

Mercantile Establishments.

Number of citizens' complaints received	27
“ citizens' complaints returned for orders.....	13
“ citizens' complaints returned as negative.....	14
“ original complaints forwarded for orders.....	180
“ arrests	1,352
“ persons held on bail.....	766
“ persons discharged.....	584

Inspections Classified as to Cause of Complaint.

NATURE OF COMPLAINTS AND VIOLATIONS.	COMPLAINTS MADE.	NUISANCES ABATED BY PERSONAL EFFORT.	TOTAL.
Air-shafts filthy, not covered or connected with house sewer ..	773	1,638	2,411
Animals, no permit.....	437	205	642
Areas filthy and dangerous.....	873	2,074	2,947
Ash-boxes in violation of Sanitary Code.....	6,343	74	6,417
Balusters and stairs dangerous.....	1,259	3	1,272
Cellars filthy	2,116	3,82	5,193
Cellars occupied as a place of dwelling or lodging.....	77	3	80
Cellars not water-tight.....	85	....	85
Cesspools.....	275	17	292
Dogs in violation of Sanitary Code.....	269	206	475
Drains obstructed or defective.....	250	6	256
Eaves—gutters defective or dangerous.....	11	....	11
Fences dangerous	163	3	166
Fire-escapes filthy or obstructed.....	45	902	947
Hydrants out of repair	20	1	21
Halls not properly ventilated.....	4	2	6
Halls not lighted.....	624	7	631
Leaders defective, obstructed or dangerous.....	254	37	291
Manure-vaults in violation of Sanitary Code, or no permit....	204	47	251
Mercantile complaints.....	193	....	193
No appliances to receive and distribute water on every floor } of tenement.....	26	2	28
Premises not connected with street sewer.....	118	4	122
Rags stored in tenement-houses, no permit .....	....	1	1
Roofs leaking or filthy.....	1,032	214	1,246
Receiving-basin full or offensive.....	3	....	3
Schools kept in tenement-house, no permits.....	26	....	26
Stable yards filthy, not paved, graded or sewer connected.....	131	80	211

NATURE OF COMPLAINTS AND VIOLATIONS.	COMPLAINTS MADE.	NUISANCES ABATED BY PERSONAL EFFORT.	TOTAL.
Stable in tenement-house.....	9	4	13
Soil-pipes obstructed, defective or not ventilated.....	152	6	158
Sinks filthy, defective or not trapped.....	365	160	525
Sidewalks filthy, dangerous or not flagged.....	140	177	317
Streets or gutters filthy or obstructed.....	94	20	114
Tenement-houses overcrowded.....	134	2	136
Vacant lots filthy, dangerous, not fenced or sewer connected..	651	87	738
Water-closets out of repair or filthy.....	2,175	756	2,931
Water-tanks filthy.....	1,726	87	1,813
Walls and ceilings filthy or out of repair.....	5,310	65	5,375
Waste-pipes obstructed, defective or not ventilated.....	327	1	328
Yards filthy, not properly graded or sewer connected.....	2,064	3,204	5,268
Miscellaneous.....	2,931	4,421	7,352
Totals.....	34,754	17,588	49,742

WORK PERFORMED BY THE DIVISION OF CONTAGIOUS DISEASES.

Number of Inspections.....	142,007
“ visits to cases of contagious diseases.....	114,338
“ cases visited for special diagnosis.....	10,027
“ cases treated with diphtheria antitoxin.....	1,124
“ persons immunized with diphtheria antitoxin.....	1,318
“ school notices sent.....	22,413
“ complaints forwarded for Board orders.....	644
Number of visits to tenement-houses.....	38,674
“ visits to hotels.....	278
“ visits to schools and institutions.....	2,343
“ visits to private houses.....	9,818
“ visits, miscellaneous.....	4,285
Total number of visits.....	105,398
Number of primary vaccinations.....	106,161
“ revaccinations.....	220,506
“ vaccinations in schools.....	46,971
Total number of certificates of vaccination issued.....	98,638
Number of visits to infected houses.....	12,208
“ visits to sick children.....	498

Number of prescriptions filled.....	858
“ inspections by veterinarians.....	6,343
“ animals examined.....	23,160
“ post-mortems on animals.....	162
“ glandered horses condemned.....	578
“ persons removed to Contagious Disease Hospital.....	4,876
“ dead bodies removed to Morgue.....	74
“ houses visited for disinfection.....	30,266
“ infected rooms disinfected.....	63,608
“ times ambulances, etc., disinfected.....	2,516
“ pieces infected goods disinfected.....	47,292
“ pieces infected goods destroyed.....	10,716

Number of Communicable Diseases Reported.

BOROUGH.	Diphtheria.	Scarlet Fever.	Measles.	Tuberculosis,	Typhoid Fever.	Parotiditis.	Croup.	Cerebro-Spinal Meningitis.	Chicken-pox.	Whooping Cough.	Small-pox.	Erysipelas.	Rubeola.	Rotheln.	
Manhattan.....	6,737	10,113	7,592	8,692	1,800	50	37	11	2,036	108	1,198	33	..	..	33,467
Brooklyn.....	3,759	5,188	3,511	4,079	644	..	183	..	..	..	410	..	..	..	17,774
The Bronx.....	905	782	370	744	85	27	47	2	230	..	263	2	..	..	3,457
Queens.....	410	408	271	124	81	..	1	..	82	..	90	..	..	..	1,467
Richmond.....	245	201	246	64	78	7	5	..	89	5	3	..	1	2	946
Total.....	12,056	16,692	11,990	13,703	2,748	84	273	13	2,437	113	1,964	35	1	2	62,111

WORK PERFORMED BY THE DIVISION OF FOOD INSPECTION AND OFFENSIVE TRADES.

Number of inspections.....	1,242,618
“ citizens' complaints returned for Board orders.....	1,154
“ citizens' complaints returned as negative.....	1,674
“ reinspections on order.....	1,612
“ specimens of milk examined.....	72,568
“ specimens of milk collected for analysis.....	2,462
“ quarts of adulterated milk destroyed.....	135
“ inspections by Veterinarians.....	4,164
“ cows examined.....	11,426
“ cows tagged.....	3,250
“ cows condemned.....	58
“ autopsies.....	56

Number of analyses.....	2,918
“ permits issued.....	9,951
“ arrests.....	464
“ persons held on bail.....	396
“ persons discharged.....	103
“ pounds of milk, fruit, food, meat and fish condemned and seized.....	10,481,674

WORK PERFORMED BY THE DIVISION OF BACTERIOLOGY.

SUMMARY.

Number of inspections.....	1,728
“ autopsies (human).....	3
“ autopsies (animal).....	16
“ histological examinations.....	6
“ bacteriological diagnoses of suspected diphtheria.....	13,544
Cases found to be true diphtheria.....	5,851
Cases found not to be diphtheria.....	5,426
Cases bacteriological diagnosis indecisive.....	2,277
“ bacteriological examinations of healthy throats in infected families.....	236
“ later bacteriological examinations of diphtheria (convalescents).....	10,810
“ cultures in cases of suspected diphtheria taken by Medical School Inspectors.....	90
Diphtheria bacilli found.....	16
Diphtheria bacilli not found.....	59
Indecisive.....	15
“ bacteriological examinations of sputum from cases of suspected tuberculosis. Tubercle bacilli found.....	6,734
Tubercle bacilli not found.....	2,554
Tubercle bacilli not found.....	4,180
“ microscopical preparations of sputum made and examined.....	6,746
“ inoculations of animals with toxins.....	593
“ animals bled for antitoxic serums.....	96
Amount of diphtheria antitoxic serum produced, in cubic centimeters.....	132,475
“ tetanus antitoxic serum produced, in cubic centimeters.....	2,900
“ mallein produced, in cubic centimeters.....	634
“ streptococcus antitoxic serum produced, in cubic centimeters.....	18,595
Number of samples of toxins tested.....	149
“ samples of antitoxic serums tested.....	146
“ specimens of blood and serum examined for typhoid fever reaction (Widal test).....	2,702
“ specimens showing positive reaction.....	668
“ specimens showing negative reaction.....	2,034
“ specimens of vaccine virus tested bacteriologically.....	341
“ specimens of other substances tested bacteriologically.....	2,076
“ animals vaccinated.....	129

Number of animals collected from	139
“ grammes of vaccine virus collected	4,929.11
“ cubic centimeters of liquid vaccine virus prepared ..	202.35
“ clinical tests of vaccine virus made	1,772
“ spades charged with humanized virus	4,725
“ capillary tubes of vaccine virus prepared	209,999
“ small vials of vaccine virus prepared	4,530
“ large vials of vaccine virus prepared	8,230
“ visits to collect diphtheria culture tubes, samples of sputum, etc.	15,075
“ special visits to Department stations	1,608

WORK PERFORMED BY THE DIVISION OF MEDICAL SCHOOL INSPECTION.

SCHOOLS.	Total Daily Average Attendance.	School Days.	Number of Schools Visited.	Number of Visits to Schools.
Mixed Schools—				
Grammar Schools, Grammar Departments	92,983	191	781	21,959
Grammar Schools, Primary Departments	107,706	191	*729	*21,777
Grammar Schools	94,345	191	124	12,621
Intermediate Schools	25,929	191	23	4,185
Primary Schools	57,318	191	331	12,436
Parochial Schools	56,144	191	184	15,944
Industrial Schools, American Female Guardian Society	3,016	191	12	2,176
Industrial Schools, Children's Aid Society	7,211	191	19	3,430
Schools in Tenement-houses	427	191	16	607
Kindergarten Schools	2,896	191	31	4,783
Total	447,980	191	1,531	78,186

SCHOOLS.	NUMBER EXAMINED.			Number Excluded.
	Males.	Females.	Total.	
Mixed Schools—				
Grammar Schools, Grammar Departments	3,619	2,144	5,763	572
Grammar Schools, Primary Departments	22,984	28,238	51,222	5,561
Grammar Schools	2,742	2,948	5,690	660
Intermediate Schools	895	772	1,667	345
Primary Schools	10,165	9,954	20,119	2,202

* Included in Grammar Departments of Grammar Schools.

SCHOOLS.	NUMBER EXAMINED.			Number Excluded.
	Males.	Females.	Total.	
Parochial Schools.....	2,361	2,300	4,661	399
Industrial Schools, American Female Guardian Society.....	610	643	1,253	163
Industrial Schools, Children's Aid Society.....	1,987	2,031	4,018	319
Schools in Tenement-houses	1,654	1,455	3,089	12
Kindergarten Schools.....	1,634	1,466	3,100	169
Total.....	48,651	51,931	100,582	10,448

Table Showing Diseases for Which Children Were Excluded.

SCHOOLS.	Measles.	Diphtheria.	Scarlet Fever.	Croup.	Whooping-cough.	Mumps.	Contagious Eye Diseases.	PARASITIC DISEASES OF		Chicken-pox.	Skin Diseases.	Miscellaneous.	Total Excluded.
								Hend.	Body.				
Mixed Schools—													
Grammar Schools, Grammar Departments.....	3	3	2	..	1	14	316	173	9	2	49	..	572
Grammar Schools, Primary Departments.....	*14	*24	*22	..	..	..	..	..	*200	..	..	..	*260
Grammar Schools.....	5	59	23	5	104	351	2,035	2,173	40	230	501	..	5,561
Intermediate Schools.....	*9	*5	*9	..	..	..	..	..	*24	..	..	..	*47
Primary Schools.....	12	5	9	2	11	21	98	318	6	26	111	41	660
Parochial Schools.....	*4	*1	*1	..	..	..	..	..	*7	..	..	..	*13
Industrial Schools, American Female Guardian Society.....	134	1	1	..	1	13	55	56	..	7	72	5	346
Industrial Schools, Children's Aid Society.....	*14	*3	*14	..	..	..	..	..	*68	..	..	..	*99
Schools in Tenement-houses.....	17	14	19	2	15	115	842	724	16	74	255	23	2,202
Kindergarten Schools.....	*4	*1	*1	..	..	..	..	..	*16	..	..	..	*22
Parochial Schools.....	5	3	1	..	17	30	178	98	2	17	45	3	399
Industrial Schools, American Female Guardian Society.....	..	..	*1	..	..	..	..	..	*9	..	..	..	*10
Industrial Schools, Children's Aid Society.....	..	..	1	..	..	7	63	60	..	9	28	..	168
Schools in Tenement-houses.....	*3	..	*3	..	..	..	..	..	*10	..	..	..	*16
Kindergarten Schools.....	3	2	4	..	3	12	184	104	4	11	32	..	359
Schools in Tenement-houses.....	..	..	..	..	..	..	5	5	..	..	2	..	12
Kindergarten Schools.....	..	..	..	..	..	..	..	..	*6	..	..	..	*6
Kindergarten Schools.....	1	..	1	..	6	10	39	90	1	8	11	2	169
Total.....	*48	*34	*52	..	..	..	..	..	*342	..	..	..	*476
Total.....	210	87	66	9	158	653	3,815	3,801	78	384	1,106	31	10,448

* Cases of true Measles, Diphtheria, Scarlet Fever and Chicken-pox.

WORK PERFORMED BY THE DIVISION OF MARINE INSPECTION.

Number of inspections and reinspections.....	2,088
Number of orders issued.....	<u>230</u>

The number of dead animals removed from the streets and the quantity of offal, etc., removed from the markets and slaughter-houses by the contractor was :

Horses.....	19,846
Colts.....	7
Mules.....	15
Donkey.....	5
Bulls.....	3
Camels.....	1
Cows.....	233
Calves.....	1,793
Goats.....	41
Hogs.....	53
Sheep.....	742
Cats and dogs.....	94,310
Dogs from public pound.....	11,593
Total animals.....	<u>128,642</u>
Veal, quarters of.....	2,390
Beef, quarters of.....	257
Fish, barrels of.....	10,033
Poultry, barrels of.....	1,434
Offal, barrels of.....	14,651
Meat, boxes of.....	40
Game, boxes of.....	3
Skins, boxes of.....	4
Assorted meats, barrels of.....	23
Fish, cases of.....	719
Horse meat, barrels of.....	18
“ quarters of.....	6
Eggs, pounds of.....	2,000
Rabbits, pounds of.....	170
Beef livers, pounds of.....	60

REPORT OF PATIENTS TREATED AT RECEPTION HOSPITAL.

BOROUGH OF MANHATTAN.

General Statement.

1901.	MALES.	FEMALES.	TOTAL.	NATIVE.	FOREIGN.	TOTAL.	ACCOMPANYING.
Remaining in Hospital, Dec. 31, 1900.	3	2	5	5	....	5	....
Admitted	1,444	1,130	2,574	1,734	840	2,574	173
Total.....	1,447	1,132	2,579	1,739	840	2,579	173
Discharged.....	97	42	139	79	60	139	27
Transferred.....	1,304	1,043	2,347	1,566	761	2,347	151
Died.....	44	43	87	72	15	87	....
Total.....	1,445	1,128	2,573	1,737	836	2,573	173
Remaining in Hospital, Jan. 1, 1902...	2	4	6	2	4	6	....

REMAINING DECEMBER 31, 1900.

	AGE.			NATIVE.			FOREIGN.			Total.
	Under 5 Years.	5 to 16 Years.	Over 16 Years.	Males.	Females.	Total.	Males.	Females.	Total.	
For observation.....	4	1	..	3	2	5	..	..	..	5

ADMITTED.

Diphtheria.....	49	16	13	36	20	56	13	9	22	78
Scarlet fever.....	303	409	157	344	310	684	89	96	185	869
Measles.....	197	63	54	82	80	162	93	59	152	314
Small-pox.....	252	126	749	400	304	704	269	154	423	1127
Small-pox and scarlet fever.....	..	1	2	3	..	3	..	..	..	3
Varicella.....	1	5	8	5	2	7	5	2	7	14
Diphtheria, scarlet fever and measles.....	2	1	..	2	1	3	..	..	..	3
Diphtheria and scarlet fever.....	13	12	2	15	8	23	..	4	4	27
Diphtheria and measles.....	22	3	..	13	11	24	1	..	1	25

	AGE.			NATIVE.			FOREIGN.			Total.
	Under 5 Years.	5 to 16 Years.	Over 16 Years.	Males.	Females.	Total.	Males.	Females.	Total.	
Diphtheria and varicella.....	6	1	..	5	2	7	..	..	..	7
Diphtheria and parotitis.....	..	1	..	1	..	1	..	..	..	1
Diphtheria and pertussis.....	2	2	..	1	2	3	1	..	1	4
Diphtheria and erysipelas.....	1	..	..	..	1	1	..	..	..	1
Scarlet fever and measles.....	3	1	..	2	2	4	..	..	..	4
Scarlet fever and varicella.....	2	1	..	1	2	3	..	..	..	3
Scarlet fever and rothela.....	..	2	..	1	1	2	..	..	..	2
Measles and pertussis.....	1	..	..	..	1	1	..	..	..	1
Diphtheria, pertussis and measles.....	..	1	..	1	..	1	..	..	..	1
Scarlet fever, diphtheria and varicella.....	1	..	..	1	..	1	..	..	..	1
Total.....	855	645	985	913	777	1,690	471	324	795	485
For observation.....	18	15	55	28	16	44	32	13	45	89
Accompanying.....	33	23	124	13	16	29	17	132	149	178

DISCHARGED.

Diphtheria.....	7	5	7	8	3	11	7	1	3	19
Scarlet fever.....	1	6	5	4	7	11	1	..	1	12
Measles.....	2	2	4	3	3	6	2	..	2	8
Small-pox.....	..	1	11	3	1	4	4	4	3	12
Small-pox and scarlet fever.....	..	1	..	1	..	1	..	..	..	1
Diphtheria and parotitis.....	..	1	..	1	..	1	..	..	..	1
Diphtheria and scarlet fever.....	..	..	1	..	..	..	..	1	1	1
Diphtheria and varicella.....	2	..	..	2	..	2	..	..	..	2
Diphtheria and measles.....	1	1	..	2	..	2	..	..	..	2
Diphtheria and pertussis.....	1	1	..	1	1	2	..	..	..	2
Scarlet fever, measles and diphtheria.....	1	..	..	1	..	1	..	..	..	1
Scarlet fever, varicella and diphtheria.....	1	..	..	1	..	1	..	..	..	1
Varicella.....	2	5	7	5	2	7	5	2	7	14
Total.....	18	23	35	32	17	49	19	8	27	76
For observation.....	13	10	40	19	11	30	27	6	33	63
Accompanying.....	5	7	15	4	3	7	4	16	23	27

REMAINING JANUARY 1, 1902.

	AGE.			NATIVE.			FOREIGN.			Total.
	Under 5 Years.	5 to 16 Years.	Over 16 Years.	Males.	Females.	Total.	Males.	Females.	Total.	
Diphtheria	1	..	..	..	1	1	..	..	..	1
Measles .....	..	..	1	..	..	..	1	..	1	1
Scarlet fever .....	..	..	1	..	..	..	..	1	1	1
Small-pox.....	..	..	2	..	..	..	1	1	2	2
Measles and pertussis	1	..	..	..	1	1	..	..	..	1
Total.....	2	..	4	..	2	2	2	2	4	6
For observation.....	..	..	..	..	..	..	..	..	..	..

RECAPITULATION.

	REMAINING DEC. 31, 1900.		ADMITTED.		DIS- CHARGED.		TRANS- FERRED.		DIED.		REMAIN- ING JAN. 1, 1902.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Diphtheria	49	29	15	4	26	11	8	13	..	1
Scarlet fever	433	436	5	7	413	412	15	16	..	1
Measles.....	175	139	5	3	165	134	4	2	1	..
Small-pox.....	669	458	7	5	661	450	..	2	1	1
Scarlet fever, diphtheria and measles...	2	1	1	..	1	1	..	..	..	..
Varicella	10	4	10	4	..	..	..	..	..	..
Diphtheria and parotitis	1	..	1	..	..	..	..	..	..	..
Diphtheria and scarlet fever.....	15	12	..	1	9	10	6	1	..	..
Diphtheria and measles.....	14	11	2	..	4	6	8	5	..	..
Diphtheria and varicella	5	2	2	..	1	..	2	2	..	..
Diphtheria and pertussis.....	2	2	1	1	1	..	..	1	..	..
Diphtheria, pertussis and rotheln	1	..	..	..	1	..	..	..	..	..
Scarlet fever and measles.	2	2	..	..	1	2	1	..	..	..
Scarlet fever and varicella.....	1	2	..	..	1	2	..	..	..	..
Scarlet fever and small-pox.....	3	..	1	..	2	..	..	..	..	..

	REMAINING DEC. 31, 1900.		ADMITTED.		DIS- CHARGED.		TRANS- FERRED.		DIED.		REMAIN- ING JAN. 1, 1902.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Measles and pertussis.....	1	..	..	..	..	..	..	..	1
Scarlet fever, diphtheria and varicella...	1	..	1	..	..	..	..	..	..	..
Scarlatina and rotheln.....	1	1	..	..	1	1	..	..	..	..
Diphtheria and erysipelas.....	1	..	..	..	..	..	1	..	..
Total.....	1,384	1,101	51	25	1,287	1,029	44	43	2	4
For observation.....	3	2	60	29	46	17	17	14	..	..	..	..
Accompanying.....	30	148	8	19	23	128	..	..	..	..

REPORT OF PATIENTS TREATED AT WILLARD PARKER HOSPITAL.

BOROUGH OF MANHATTAN.

General Statement.

	MALES.	FEMALES.	TOTAL.	NATIVE.	FOREIGN.	TOTAL.	ACCOM- PANYING.
Remaining in Hospital Dec. 31, 1900..	16	13	29	23	6	29	....
Admitted.....	533	549	1,082	904	178	1,082	8
Total.....	549	562	1,111	927	184	1,111	8
Discharged.....	330	385	715	562	153	715	8
Transferred.....	26	17	43	39	4	43	....
Died.....	169	144	313	290	23	313	....
Total.....	525	546	1,071	891	180	1,071	8
Remaining in Hospital Jan. 1, 1902 ...	24	16	40	36	4	40	....

REMAINING DECEMBER 31, 1900.

	AGE.			NATIVE.			FOREIGN.			Total.
	Under 5 Years.	5 to 16 Years.	Over 16 Years.	Males.	Females.	Total.	Males.	Females.	Total.	
Diphtheria.....	16	6	7	13	10	23	3	3	6	29

ADMITTED.

	AGE.			NATIVE.			FOREIGN.			Total.
	Under 5 Years.	5 to 16 Years.	Over 16 Years.	Males.	Females.	Total.	Males.	Females.	Total.	
Diphtheria.....	450	220	200	380	376	756	63	100	163	919
Scarlet fever and diphtheria.....	76	71	16	86	62	148	4	11	15	163
Total.....	566	300	216	466	438	904	67	111	178	1082
Accompanying.....	4	..	4	4	2	6	..	2	2	8

DISCHARGED.

Diphtheria.....	227	188	185	216	244	460	53	87	140	600
Scarlet fever and diphtheria.....	42	59	14	58	44	102	3	10	13	115
Total.....	269	247	199	274	288	562	56	97	153	715
Accompanying.....	4	..	4	2	4	6	..	2	2	8

TRANSFERRED.

Diphtheria.....	20	7	6	16	13	29	2	2	4	33
Scarlet fever and diphtheria.....	5	5	..	8	2	10	..	..	..	10
Total.....	..	..	..	..	..	..	..	..	..	..
Accompanying.....	25	12	6	24	15	39	2	2	4	43

DIED.

Diphtheria.....	233	29	13	137	117	254	11	10	21	275
Scarlet fever and diphtheria.....	29	7	2	20	16	36	1	1	2	38
Total.....	262	36	15	157	133	290	12	11	23	313

REMAINING JANUARY 1, 1902.

Diphtheria.....	26	11	3	24	12	36	..	4	4	40
Accompanying.....	26	11	3	24	12	36	..	4	4	40

RECAPITULATION.

	REMAINING DEC. 31, 1900.		ADMITTED.		DIS- CHARGED.		TRANS- FERRED.		DIED.		REMAIN- ING JAN. 1, 1902.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Diphtheria	16	23	443	476	269	331	18	15	148	127	24	16
Scarlet fever and diphtheria.....	..	..	90	73	61	54	8	2	21	17	..	..
Total	16	23	533	549	330	385	26	17	169	144	24	16
Accompanying. ....	..	..	4	4	4	4	..	..	..	..	..	..

REPORT OF THE PATIENTS TREATED AT RIVERSIDE HOSPITAL.

BOROUGH OF THE BRONX.

General Statement.

	MALES.	FEMALES.	TOTAL.	NATIVE.	FOREIGN.	TOTAL.	ACCOM- PANYING.
Remaining in Hospital Dec. 31, 1900.	69	79	148	72	76	148	47
Admitted.....	1,437	1,169	2,606	1,734	872	2,606	180
Total.....	1,506	1,248	2,754	1,806	948	2,754	227
Discharged.....	1,114	982	2,096	1,350	746	2,096	137
Died.....	270	181	451	359	92	451	..
Total.....	1,384	1,163	2,547	1,709	838	2,547	187
Remaining in Hospital Jan. 1, 1902..	122	85	207	97	110	207	40

REMAINING DECEMBER 31, 1900.

	AGE.			NATIVE.			FOREIGN.			Total.
	Under 5 Years.	5 to 16 Years.	Over 16 Years.	Males.	Females.	Total.	Males.	Females.	Total.	
Scarlet fever.....	13	12	8	6	15	21	6	6	12	33
Measles.....	21	22	2	1	..	1	23	21	44	45
Small-pox	20	7	30	23	20	43	4	10	14	57

	AGE.			NATIVE.			FOREIGN.			Total.
	Under 5 Years.	5 to 16 Years.	Over 16 Years.	Males.	Females.	Total.	Males.	Females.	Total.	
Diphtheria and scarlet fever.....	3	9	..	4	3	7	1	4	5	12
Varicella.....	1	..	..	..	..	..	1	..	1	1
Total.....	58	50	40	34	38	72	35	41	76	148
Accompanying.....	6	4	37	1	2	3	4	40	44	47

ADMITTED.

Diphtheria.....	1	..	..	..	1	1	..	..	..	1
Scarlet fever.....	132	161	82	152	138	290	41	44	85	375
Measles.....	133	55	25	31	33	64	88	61	149	213
Small-pox.....	449	293	1,125	691	565	1,256	367	244	611	1867
Small-pox and diphtheria.....	4	..	..	1	3	4	..	..	..	4
Small-pox and scarlet fever.....	22	16	9	19	25	44	..	3	3	47
Varicella.....	..	1	..	..	..	..	..	1	1	1
Diphtheria and scarlet fever.....	21	28	1	24	19	43	3	4	7	50
Diphtheria and measles.....	7	2	..	5	2	7	1	1	2	9
Scarlet fever and measles.....	17	9	1	7	11	18	2	7	9	27
scarlet fever and varicella.....	1	2	..	..	3	3	..	..	..	3
Scarlet fever, measles and diphtheria.....	1	..	..	1	..	1	..	..	..	1
Varicella and measles.....	5	3	..	1	2	3	3	2	5	8
Total.....	793	570	1,243	931	802	1,734	505	367	872	2606
Accompanying.....	18	10	152	9	46	55	8	117	125	180

DISCHARGED.

Scarlet fever.....	118	149	76	125	137	262	40	41	81	343
Measles.....	60	43	19	10	10	20	54	48	102	122
Small-pox.....	310	271	968	536	467	1,003	314	232	546	1549
Small-pox and scarlet fever.....	8	13	8	10	17	27	..	2	2	29
Varicella.....	1	1	..	..	..	..	1	1	2	2
Diphtheria and scarlet fever.....	12	22	..	16	9	25	2	7	9	34
Diphtheria and measles.....	3	2	..	2	1	3	1	1	2	5

	AGE.			NATIVE.			FORGIGN.			Total.
	Under 5 Years.	5 to 16 Years.	Over 16 Years.	Males.	Females.	Total.	Males.	Females.	Total.	
Scarlet fever and measles.....	6	3	..	2	5	7	1	1	2	9
Scarlet fever and varicella.....	1	2	..	..	3	3	..	..	..	3
Total.....	59	506	1,071	701	649	1,350	413	333	746	2,096
Accompanying.....	24	13	150	10	46	56	12	119	131	187

DIED.

Diphtheria	1	..	..	..	1	1	..	..	..	1
Scarlet fever	15	5	7	11	10	21	4	2	6	27
Measles.....	36	3	1	11	10	21	11	8	19	40
Small-pox	154	26	161	167	169	276	47	18	65	341
Small-pox and diphtheria.....	4	..	..	1	3	4	..	..	..	4
Small-pox and scarlet fever.....	14	3	1	9	8	17	..	1	1	18
Diphtheria and scarlet fever.....	7	6	..	5	8	13	..	..	..	13
Diphtheria and measles	2	..	..	2	..	2	..	..	..	2
Scarlet fever and measles.....	3	1	..	1	2	3	..	1	1	4
Scarlet fever, measles and diphtheria.....	1	..	..	1	..	1	..	..	..	1
Total.....	237	44	170	208	151	359	62	30	92	451

REMAINING IN HOSPITAL JANUARY 1, 1902.

Scarlet fever	12	19	7	22	6	28	3	7	10	38
Measles.....	58	31	7	11	13	24	46	26	72	96
Small-pox	5	3	26	11	9	20	10	4	14	34
Varicella and measles	5	3	..	1	2	3	3	2	5	8
Diphtheria and scarlet fever.....	5	9	1	7	5	12	2	1	3	15
Diphtheria and measles	2	..	..	1	1	2	..	..	..	2
Scarlet fever and measles.....	8	5	1	4	4	8	1	5	6	14
Total.....	95	70	42	57	40	97	65	45	110	207
Accompanying.....	..	1	39	..	2	2	..	38	38	40

RECAPITULATION.

	REMAINING DEC. 31, 1900		ADMITTED.		DISCHARGED.		TRANS- FERRED.		DIED.		REMAINING JAN. 1, 1902.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Diphtheria.....	..	..	..	1	..	..	..	..	..	1	..	..
Scarlet fever	12	21	193	182	165	178	..	..	15	12	25	13
Measles.....	24	21	119	94	64	58	..	..	22	18	57	39
Small-pox.....	27	30	1,058	809	850	699	..	..	214	127	21	13
Small-pox and diphtheria.....	..	..	1	3	..	..	..	..	1	3	..	..
Small-pox and scarlet fever .....	..	..	19	28	10	19	..	..	9	9	..	..
Diphtheria and scarlet fever.....	5	7	27	23	13	16	..	..	5	8	9	6
Diphtheria and measles .....	..	..	6	3	3	2	..	..	2	..	1	1
Scarlet fever and measles.....	..	..	9	18	3	6	..	..	1	3	5	9
Scarlet fever and varicella.....	..	..	..	3	..	3	..	..	..	..	..	..
Scarlet fever, measles and diph- theria.....	..	..	1	..	..	..	..	..	1	..	..	..
Varicella and measles.....	..	..	4	4	..	..	..	..	..	..	4	4
Varicella.....	1	..	..	1	1	1	..	..	..	..	..	..
Total.....	69	79	1,437	1,169	1,114	982	..	..	270	181	122	85
Accompanying	5	42	17	163	22	165	..	..	..	..	..	40

REPORT OF PATIENTS TREATED AT KINGSTON AVENUE HOSPITAL.

BOROUGH OF BROOKLYN.

General Statement.

	MALES.	FEMALES.	TOTAL.	NATIVE.	FOREIGN.	TOTAL.	ACCOM- PANYING.
Remaining in Hospital December 31, 1900.....	22	20	42	37	5	42	3
Admitted.....	698	683	1,381	905	476	1,381	209
Total.....	720	703	1,423	942	481	1,423	212
Discharged.....	540	553	1,093	695	400	1,093	210
Transferred.....	31	35	66	51	15	66	..
Died.....	116	98	214	166	48	214	2
Total.....	687	688	1,375	912	463	1,375	212
Remaining in Hospital January 1, 1902.....	33	15	48	30	18	48	..

REMAINING IN HOSPITAL DECEMBER 31, 1900.

	AGE.			NATIVE.			FOREIGN.			Total.
	Under 5 Years.	5 to 16 Years.	Over 16 Years.	Males.	Females.	Total.	Males.	Females.	Total.	
Diphtheria	5	1	4	4	3	7	1	2	3	10
Scarlet fever.....	1	7	4	6	6	12	..	..	..	12
Measles.....	6	2	1	5	3	8	..	1	1	9
Diphtheria and scarlet fever.....	2	1	..	1	2	3	..	..	..	3
Erysipelas .....	..	..	2	2	..	2	..	..	..	2
Scarlet fever and varicella.....	1	..	..	..	1	1	..	..	..	1
Varicella	1	1	..	2	..	2	..	..	..	2
Total.....	16	12	11	20	15	35	1	3	4	39
For observation.....	1	2	..	1	1	2	..	1	1	3
Accompanying.....	..	..	..	..	..	..	..	..	..	3

ADMITTED.

Diphtheria	26	36	31	25	42	67	11	15	26	93
Scarlet fever.....	144	346	112	232	223	455	68	79	147	602
Small-pox .....	..	1	1	1	1	2	..	..	..	2
Measles.....	224	79	47	68	71	139	112	59	211	350
Tonsillitis	1	1	4	1	2	3	1	2	3	6
Varicella	11	7	4	7	9	16	6	..	6	22
Pertussis and varicella.....	..	1	..	..	1	1	..	..	..	1
Scarlet fever, diphtheria and varicella.....	2	..	..	2	..	2	..	..	..	2
Diphtheria and scarlet fever.....	35	46	9	44	28	72	6	12	18	90
Diphtheria and measles.....	38	10	3	20	11	31	9	11	20	51
Scarlet fever, diphtheria and measles.....	16	3	1	12	5	17	2	1	3	20
Scarlet fever and varicella.....	11	3	..	5	8	13	1	..	1	14
Scarlet fever, diphtheria, varicella and measles.....	1	..	..	1	..	1	..	..	..	1
Measles and erysipelas.....	..	..	1	..	..	..	..	1	1	1
Measles and pertussis.....	2	..	..	1	..	1	..	1	1	2
Scarlet fever, diphtheria and pertussis.....	1	..	..	1	..	1	..	..	..	1
Measles, varicella and scarlet fever.....	6	2	..	3	1	4	3	1	4	8
Scarlet fever, measles, varicella and erysipelas.....	1	..	..	..	1	1	..	..	..	1
Erysipelas.....	..	2	23	9	5	14	3	8	11	25

TRANSFERRED.

	AGE.			NATIVE.			FOREIGN.			Total.
	Under 5 Years.	5 to 16 Years.	Over 16 Years.	Males.	Females.	Total.	Males.	Females.	Total.	
Diphtheria.....	9	9	7	7	13	20	4	1	5	25
Diphtheria and scarlet fever.....	17	15	7	17	12	29	2	8	10	39
Small-pox.....	..	1	1	1	1	2	..	..	..	2
Total.....	26	25	15	25	26	51	6	9	15	65

DIED.

Diphtheria.....	10	5	1	6	10	16	..	..	..	16
Scarlet fever.....	41	21	11	34	27	61	8	4	12	73
Measles.....	55	4	2	18	19	37	10	14	24	61
Diphtheria and scarlet fever.....	9	8	..	11	5	16	1	..	1	17
Diphtheria and measles.....	18	2	..	10	6	16	2	2	4	20
Varicella.....	1	..	1	1	..	1	1	..	1	2
Measles and pertussis.....	1	..	..	1	..	1	..	..	..	1
Scarlet fever, diphtheria and measles.....	8	1	1	4	4	8	1	1	2	10
Scarlet fever and measles.....	10	3	..	4	6	10	3	..	3	13
Total.....	153	44	16	89	77	166	26	21	47	213

REMAINING IN HOSPITAL JANUARY 1, 1902.

Diphtheria.....	1	1	4	2	2	4	1	1	2	6
Scarlet fever.....	3	18	3	12	..	12	7	5	12	24
Measles.....	1	..	1	1	..	1	..	1	1	2
Varicella.....	1	2	..	1	2	3	..	..	..	3
Diphtheria and scarlet fever.....	1	6	..	5	1	6	1	..	1	7
Scarlet fever and measles.....	1	..	..	1	..	1	..	..	..	1
Total.....	8	27	8	22	5	27	9	7	16	43
Accompanying.....	..	3	2	1	2	3	1	1	2	5

RECAPITULATION.

	REMAINING DECEMBER 31, 1900.		ADMITTED.		DISCHARGED		TRANS- FERRED.		DIED.		REMAINING JANUARY 1, 1902.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Diphtheria.....	5	5	36	57	21	35	11	14	6	10	3	3
Scarlet fever and parotitis ....	..	..	1	..	1	..	..	..	..	..	..	..
Scarlet fever.....	6	6	300	302	245	272	..	..	42	37	19	5
Scarlet fever and measles .....	..	..	33	34	25	28	..	..	7	6	1	..
Measles	5	4	180	170	156	140	..	..	28	33	1	1
Small-pox.....	..	..	1	1	..	..	1	1	..	..	..	..
Varicella	2	..	13	9	12	7	..	..	2	..	1	2
Varicella, scarlet fever and } diphtheria.....	..	..	2	..	2	..	..	..	..	..	..	..
Pertussis and varicella.....	..	..	..	1	..	1	..	..	..	..	..	..
Diphtheria and scarlet fever... }	1	2	50	40	14	16	19	20	12	5	6	1
Scarlet fever, diphtheria and } pertussis.....	..	..	1	..	1	..	..	..	..	..	..	..
Diphtheria and measles.....	..	..	29	22	17	14	..	..	12	8	..	..
Scarlet fever, diphtheria, } varicella and measles... }	..	..	1	..	1	..	..	..	..	..	..	..
Scarlet fever, diphtheria and } measles.....	..	..	14	6	9	1	..	..	5	5	..	..
Scarlet fever and varicella.....	..	1	6	8	0	9	..	..	..	..	..	..
Measles, scarlet fever, ery- } sipelas and varicella.... }	..	..	..	1	..	1	..	..	..	..	..	..
Measles and pertussis .....	..	..	1	1	..	1	..	..	1	..	..	..
Measles and erysipelas.....	..	..	..	1	..	1	..	..	..	..	..	..
Measles, varicella and scarlet } fever.....	..	..	6	2	6	2	..	..	..	..	..	..
Erysipelas.....	2	..	12	13	14	13	..	..	..	..	..	..
Tonsilitis.....	..	..	2	4	2	4	..	..	..	..	..	..
Total.....	21	18	618	672	532	545	31	35	115	98	31	12
For observation.....	1	2	9	11	8	10	..	..	..	..	2	3
Accompanying.....	..	3	..	209	..	210	..	..	1	1	..	..

Respectfully submitted,

CHAS. F. ROBERTS, M. D., Sanitary Superintendent.

CASPAR GOLDBERMAN, *Secretary*:

SIR—I have the honor to submit the following report of the Bureau of Records for the year 1901:

There were 70,814 deaths, 80,735 births and 33,447 marriages reported during the year, representing an increase of 1,200 marriages and a decrease of 10 deaths and 986 births, as compared with the year 1900.

THE INTERNATIONAL OR BERTILLON CLASSIFICATION.

Upon the recommendation of Dr. Roger S. Tracy, Registrar of Records, that the classification of the causes of death as arranged and adopted at the International Congress of Hygiene and Demography held at Paris in August, 1900, be adopted, a resolution to that effect was passed by the Board and this system of classifying causes of deaths went into effect January 1, 1901. Although not a perfect one, this classification possesses the merit of rendering possible comparisons of the different causes of death among most of the civilized nations of the world, and the further merit of providing for a decennial revision, thus keeping step with the advances that are constantly made in medical and surgical knowledge.

POPULATION.

A copy of Part I, Volume I of the Twelfth Census of the United States having been presented to the Department by the Hon. William R. Merriam, Director, attention is directed to pages 131 to 134 following, upon which will be found the statistics of the population of the City by sex, general nativity, color, assembly districts and wards.

DEATHS.

The number of deaths that actually took place during the year were 70,720, representing a death-rate of 20.00 per 1,000, against 70,872 in 1900, representing a death-rate of 20.57 per 1,000; these 70,720 deaths were distributed among the various boroughs as follows :

BOROUGH.	POPULATION, JUNE 1, CENSUS OF 1900.	ESTIMATED POPULATION, JULY 1, 1901.	TOTAL DEATHS.	DEATH-RATE.
Manhattan	1,850,073	1,873,562	38,507	20.55
The Bronx	200,507	222,124	4,797	21.60
Brooklyn..	1,166,582	1,209,064	23,271	19.25
Queens	152,999	162,834	2,800	17.20
Richmond.....	67,021	68,933	1,345	19.51
City of New York.....	3,437,202	3,536,517	70,720	20.00

The seemingly high death rate of the Borough of The Bronx, as compared with those of the other boroughs, is due to the presence of several large hospitals, notably Seton, St. Joseph's, Riverside and Colored Home and Hospital, the majority of whose inmates are residents of the other boroughs, Manhattan in particular.

The number of deaths from the principal causes is compared in the following table with that of the preceding year and the increase or decrease noted.

CAUSE OF DEATH.	1900.	1901.	INCREASE IN 1901.	DECREASE IN 1901.
Typhoid fever	718	727	9	.....
Malarial fever.....	216	195	.....	21
Small-pox	12	410	398	.....
Measles	816	449	.....	367
Scarlet fever.....	465	1,162	697	.....
Whooping cough	524	289	.....	235
Diphtheria and croup.....	2,277	2,068	.....	209
Influenza	612	850	244	.....
Cerebro-spinal meningitis.....	305	267	.....	39
Dysentery.....	278	348	70	.....
Pulmonary tuberculosis.....	8,154	8,135	.....	19
Other tubercular diseases.....	1,516	1,254	.....	262
Cancer, sarcoma	2,291	2,163	172	.....
Diabetes	357	503	146	.....
Alcoholism.....	403	329	.....	74
Diseases of nervous system.....	5,342	5,465	123	.....
Diseases of circulatory system.....	4,465	5,363	897	.....
Bronchitis, acute and chronic.....	2,431	2,152	.....	279
Pneumonia, lobar and broncho.....	10,482	9,168	.....	1,314
Diarrhœal diseases, under 2 years.....	5,744	5,796	52	.....
Diarrhœal diseases, 2 years and over.....	951	977	26	.....
Other diseases of digestive organs.....	3,087	2,873	.....	214
Bright's disease and acute nephritis	5,362	5,500	138	.....
Puerperal diseases.....	711	648	.....	63
Congenital debility and malformations	2,337	2,477	140	.....
Old age	1,212	1,231	19	.....
Accidents	3,012	3,811	799	.....
Suicides.....	761	713	.....	48
Homicide.....	140	112	.....	28
Ill defined causes.....	2,500	2,230	.....	270
All other causes	3,329	2,749	.....	580
Total.....	70,872	70,720	3,930	4,082
Balance		152		152

It will be noted that the chief increases were among the following diseases: influenza, scarlet fever, small-pox, circulatory diseases and accidents, and the chief decreases among the tubercular diseases, pneumonia, bronchitis, measles, whooping cough, diphtheria and croup.

The following comparative table of the years 1900 and 1901 shows the deaths from all causes with the increases and decreases by months; the former occurring during the first month and the last sixth months of the year, and the latter during February, March, April and May, the month of June showing a difference of only one death; the excess in January was due to an increased number of deaths from influenza and pneumonia; the decrease in the next four months to a less number of deaths from influenza, measles and pneumonia; the excess in the third quarter to the intense hot spell, and in the last quarter in great measure to an epidemic of measles increasing the deaths from acute respiratory diseases, and to an increase in the deaths from circulatory diseases.

MONTH.	NUMBER OF DEATHS.		INCREASE, 1901.	DECREASE, 1901.
	1900.	1901.		
January.....	5,854	6,688	834	....
February.....	6,317	5,450	....	827
March.....	7,522	6,394	....	1,128
April.....	6,803	5,929	....	874
May.....	5,902	5,379	....	523
June.....	5,307	5,303	1	....
July.....	6,972	7,710	738	....
August.....	5,811	6,263	452	....
September.....	5,214	5,662	448	....
October.....	5,148	5,184	36	...
November.....	4,784	5,054	270	....
December.....	5,238	5,659	421	....
Total.....	70,872	70,720	3,200	3,352
Balance.....		152		152

INFLUENZA.

It might be expected that the excess of 244 deaths from influenza would be accompanied by a corresponding increase in the deaths from respiratory diseases, but there was 1,593 less deaths from the latter in 1901 than in the previous year; since its first visitation over twelve years ago the deaths from pneumonia and bronchitis have risen or fallen to an extent measurable by the prevalence of a severe or mild form of influenza, and the year 1901 would have proved no exception in this regard, as compared with the previous years, if another fruitful cause of pneumonia, to wit, measles—a severe epidemic of which prevailed during the first six months of 1900 causing the considerable increase in deaths from pneumonia as shown in the following table—had not shown itself, fortunately, in a very mild form during the first ten months of the year, when again it assumed a severe type which has continued almost to the present writing; during the first four months of 1900 there were reported 1,113 more deaths of children under five years of age from all respiratory diseases than in the corresponding period of 1901.

The following table gives the number of cases of measles reported and the actual deaths from influenza and pneumonia by months for the years 1900 and 1901.

MONTH.	CASES OF MEASLES REPORTED.		DEATHS FROM INFLUENZA.		DEATHS FROM PNEUMONIA.	
	1900.	1901.	1900.	1901.	1900.	1901.
January	3,299	421	32	39 ⁸	1,129	1,344
February	3,473	640	112	194	1,348	338
March	3,724	1,256	219	114	1,753	1,170
April	2,818	1,389	143	67	1,511	955
May	2,530	1,420	42	20	961	743
June.....	1,596	1,173	16	9	595	533
July	646	859	2	....	433	375
August	243	339	1	1	343	361
September	136	167	2	4	367	401
October.....	159	400	....	8	539	571
November	216	1,274	5	13	609	771
December.....	459	2,653	38	28	844	1,056

CIRCULATORY DISEASES.

The increase of 897 deaths from diseases of the circulatory system as compared with the previous year was not confined to any one month, but extended throughout the entire year with the exception of the month of January; the increase was chiefly among the organic diseases of the heart, and was probably due to the effect of the severe type of influenza prevailing; with the disappearance of the influenza during the third quarter of the year there followed a decrease in the number of deaths from organic heart diseases, and with its gradual reappearance in the last quarter of the year a corresponding increase in the number of deaths from these diseases.

CONTAGIOUS AND INFECTIOUS DISEASES.

The following table shows the total number of deaths in 1900 and 1901 in all boroughs from scarlet fever, small-pox, typhoid fever, measles, diphtheria and croup.

BOROUGH.	1900.	1901.	INCREASE.	DECREASE.
Manhattan.....	2,048	2,315	267	....
The Bronx.....	397	630	233	....
Brooklyn.....	1,604	1,670	66	....
Queens.....	153	126	....	27
Richmond.....	86	75	....	11
Total.....	4,288	4,810	566	33
	528		528	

SCARLET FEVER.

During the year there were 16,692 cases of scarlet fever reported, against 6,683 cases in 1900, 7,837 cases in 1899 and 9,148 cases in 1898; the cases, deaths and rates of mortality in the different boroughs were distributed as follows:

BOROUGH.	CASES.	DEATHS.	RATE OF MORTALITY.
Manhattan.....	10,113	565	5.54%
The Bronx.....	782	75	9.59%
Brooklyn.....	5,188	495	9.54%
Queens.....	408	23	5.64%
Richmond.....	201	9	4.48%
Total.....	16,692	1,162	6.96%

The rates of mortality in the Boroughs of Brooklyn and The Bronx are higher than those of the other boroughs by reason of the presence in them of the two contagious disease hospitals, Kingston Avenue and Riverside; during the third quarter of the year the former not only received its usual quota from its own borough, Brooklyn, but in addition all cases occurring in Manhattan and The Bronx which requested removal to the institution, or which were forced to go there because of insufficient isolation at home. Riverside Hospital for nine months of the year received its quota from its own borough, The Bronx, and all cases referred to it from Manhattan during that period.

SMALL-POX.

There were 410 deaths from small-pox during the year against 12 during the previous year; there were 1,964 cases reported, and over 95 per cent. of these cases came from the three principal boroughs, to wit, Manhattan, Brooklyn and The Bronx, so that we may take it for granted that 95 per cent. of the deaths, or 389 of the 410 should be credited to these boroughs, and comparing this with the deaths from this disease in previous years in the three boroughs mentioned, it will be necessary to go back twenty years to 1881 before we encounter a mortality equal to or above that of this year; the conclusion is warranted that this increase is due to the accumulation of a large number of non-immunes and persons in whom the protection afforded by vaccination had ceased to exist. In the light of past experience there is a strong probability that the mortality from this disease for the year 1902 will almost equal that of 1901, unless the strong preventive measures in operation at present reduce the number of susceptibles to a minimum.

TYPHOID FEVER.

The very slight increase (9) in the number of deaths from this disease as compared with the previous year is more than accounted for by the increase in the population.

MEASLES.

As there were 7,000 less cases reported than in 1900, there consequently was a considerable decrease in the number of deaths from this disease as well as from pneumonia and bronchitis in children.

DIPHTHERIA AND CROUP.

There were 548 fewer cases of these two diseases reported and a decrease of 209 deaths occurred, the lower mortality rate in 1901 being due probably to an increased use of antitoxine.

DIARRHOEAL DISEASES.

The excess of (78) deaths from diarrhoeal diseases in the year 1901 is small compared with those of the previous year, and if the increase in population be taken into consideration a lesser death-rate from these diseases will be shown, the actual figures being 1.91 per 1,000 in 1901, and 1.94 per 1,000 in 1900.

ACCIDENTAL DEATHS.

The excess of 799 accidental deaths in 1901 was due entirely to the exceedingly large number of deaths from sunstroke as compared with the previous year ; in 1898 there were 549 deaths from sunstroke, in 1899, 141 ; in 1900, 315 and in 1901 the unprecedented number of 1,273 was recorded. In the Boroughs of Manhattan and The Bronx, the former City of New York, the number of deaths were 898, a figure which has not been reached since the organization of the Metropolitan Board of Health in 1866.

The following table is a continuation of the one compiled by Dr. Roger S. Tracy for the annual report of 1896, in which he compared the three hottest and deadliest summers in the experience of this Department ; the figures for 1901 are those of Manhattan and The Bronx added together so that a true comparison may be made with those of the former City of New York.

The weeks from June 23 to July 6, 1872, from July 17 to July 30, 1892, from August 2 to August 15, 1896, and from June 23 to July 6, 1901, form the basis of the comparison.

TEMPERATURE, FAHR. HUMIDITY. NUMBER OF DEATHS.

Maximum during Day.				Minimum during Night.				Mean.			Mean.			Daily.			Weekly.		
1872.	1892.	1896.	1901.	1872.	1892.	1896.	1901.	1872.	1892.	1896.	1901.	1872.	1892.	1896.	1901.	1872.	1892.	1896.	1901.
83	76	82	85	64	57	70	70	77	66	76	76	78	69	65	75	104	146	113	114
73	82	86	86	64	61	68	67	68	71	76	76	89	57	65	66	119	133	98	125
67	80	90	83	62	64	72	63	65	71	81	76	97	87	66	77	88	143	120	108
74	83	94	91	65	65	76	72	69	74	85	81	94	73	61	68	102	151	137	90
78	82	92	91	65	59	77	74	72	70	83	82	97	66	76	71	113	148	139	129
88	86	97	93	70	65	76	75	80	74	85	84	79	78	73	73	118	168	122	132
90	89	95	95	75	65	78	76	84	76	86	85	85	84	71	76	163	203	172	160
Mean . . . 79	82.6	90.9	89.1	66.4	62.3	73.9	71.9	72.6	71.7	81.7	80	88.4	74.9	68.1	72.3				
96	89	98	95	77	71	82	79	85	80	89	86	81	87	71	68	191	175	233	161
96	93	94	100	77	77	80	78	89	82	87	88	77	90	67	66	247	177	325	272
97	96	96	100	76	78	81	82	87	84	87	89	83	82	70	69	351	199	386	553
94	91	93	94	72	74	79	76	82	82	85	82	72	64	71	90	238	201	313	347
95	97	90	84	75	75	76	74	84	86	82	76	70	68	71	83	227	285	234	145
89	97	80	86	77	77	74	74	80	85	77	78	77	65	82	95	184	350	177	121
87	86	86	77	70	75	74	72	79	80	79	73	64	77	73	93	153	228	113	114
Mean . . . 93.4	92.7	91.0	90.9	74.8	75.3	78.0	76.4	83.7	82.9	83.7	81.7	74.9	76.1	72.1	80.6				

In studying this table the remarkable fact is noted of 553 deaths having occurred upon a single day, July 2, 1901, this figure being far and above any previous record, and looking at the temperature upon that and the previous day we find that the thermometer reached 100 degrees Fahrenheit upon both ; this record day was the 7th day, counting from the day upon which the thermometer first reached 90 degrees ; in 1896 the culmination of the mortality was reached on the 8th day, in 1892 on the 5th day and in 1872 on the 1st day, and from this it might be justly said that the people showed a more resisting physical condition than in the years 1872 and 1892.

The hot period of 1901 more closely resembled that of 1896 than those of 1872 or 1892 ; in 1896 the thermometer stood at 90 degrees or over for ten consecutive days, the humidity and night temperatures being excessively high, while in 1901 the thermometer registered 90 degrees or over for eight days, upon two days reaching the 100 degree mark, the humidity and night temperatures being almost as high as those of 1896 ; altogether the greater number of deaths upon a single day occurred in 1901 ; the total number of deaths for the two weeks compared were as follows : 1872, 2,398 deaths ; 1892, 2,707 ; 1896, 2,682 ; 1901, 2,571.

The following table gives the actual daily number of deaths from sunstroke, in the old City of New York, during the week of the highest mortality :

DAY OF WEEK.	ACTUAL DAILY NUMBER OF DEATHS.				ACTUAL DAILY NUMBER OF DEATHS FROM SUNSTROKE.			
	1872.	1892.	1896.	1901.	1872.	1892.	1896.	1901.
Sunday.....	191	175	233	161	7	....	62	20
Monday.....	247	177	323	272	34	2	133	90
Tuesday.....	351	199	386	553	68	6	181	332
Wednesday.....	238	201	313	347	43	16	151	193
Thursday.....	227	285	234	145	44	50	86	49
Friday.....	184	350	177	121	12	106	47	27
Saturday.....	153	228	113	114	4	51	11	13
Total.....	1,591	1,615	1,781	1,713	212	231	671	724

Out of every 100,000 of the population there died from sunstroke in the above weeks 22 persons in 1872, 13 persons in 1892, 35 persons in 1896 and 34 persons in 1901, proving that, all things considered, the hot week of 1896 was the most deadly of all four.

The following table shows the actual deaths from all causes and from sunstroke by days in the different boroughs and the entire city for the three weeks from June 23 to July 13 :

DAY OF WEEK AND MONTH.	MANHATTAN.		THE BRONX.		BROOKLYN.		QUEENS.		RICHMOND.		CITY OF NEW YORK.	
	All Causes.	Sunstroke.	All Causes.	Sunstroke.	All Causes.	Sunstroke.	All Causes.	Sunstroke.	All Causes.	Sunstroke.	All Causes.	Sunstroke.
Sunday, June 23.....	100	..	14	..	52	..	7	..	4	..	177	..
Monday, " 24.....	111	..	14	..	50	..	9	..	3	..	187	..
Tuesday, " 25.....	55	1	13	..	51	..	3	..	2	..	165	1
Wednesday, " 26.....	81	..	9	..	73	..	5	..	5	..	173	..
Thursday, " 27.....	114	..	15	..	69	..	19	1	4	1	221	2
Friday, " 28.....	116	4	16	..	79	2	8	..	3	..	222	6
Saturday, " 29.....	138	18	22	..	78	4	15	2	6	1	259	25
Sunday, " 30.....	139	19	22	1	107	15	8	1	5	1	281	37
Monday, July 1.....	242	80	30	10	140	42	13	3	11	..	436	135
Tuesday, " 2.....	517	318	35	14	305	150	24	12	14	4	837	458
Wednesday, " 3.....	321	178	26	15	176	59	16	2	6	4	545	258
Thursday, " 4.....	131	45	14	4	65	20	8	2	7	2	225	73
Friday, " 5.....	103	27	18	..	56	12	14	1	3	..	194	40
Saturday, " 6.....	97	12	17	1	57	6	8	..	3	..	182	19
Sunday, " 7.....	80	13	16	2	62	4	7	..	1	..	168	19
Monday, " 8.....	93	8	14	1	74	4	3	..	4	1	188	14
Tuesday, " 9.....	83	5	18	..	54	3	8	..	1	..	169	8
Wednesday, " 10.....	74	4	11	..	59	4	7	..	4	..	155	8
Thursday, " 11.....	106	3	22	1	63	1	11	..	4	..	211	5
Friday, " 12.....	74	1	9	..	64	3	9	..	3	..	159	4
Saturday, " 13.....	83	2	10	..	63	2	15	1	2	1	173	6
Total.....	2,903	738	368	49	1,803	331	217	25	96	15	5,327	1,158

Apparently the population of the Borough of Manhattan suffered more severely than any of the other boroughs, 39 out of 100,000 of the population dying during the three weeks from sunstroke against 22 in the Borough of The Bronx, 27 in the Borough of Brooklyn, 15 in the Borough of Queens and 22 in the Borough of Richmond ; but this seeming increased mortality of Manhattan as compared with the other boroughs is in great measure explainable by the deaths in Manhattan of residents of other boroughs stricken while at work.

On July 2 there was within 3 of 900 deaths from all causes, and within 2 of 500 deaths from sunstroke in the Greater City.

SUICIDES.

There were 718 suicides during the year, being 48 less than in the previous year; 210 of these were German and 254 were natives of the United States, the two combined forming 65 per cent. of the entire number; there were 512 males to 201 females, and almost 31 per cent. of the males and almost 50 per cent. of the females chose carbolic acid as a means of making their exit; the next favorite method was shooting, 143 males and 4 females had recourse to this means; 69 males and 45 females inhaled illuminating gas and 48 males and 22 females hung themselves.

BIRTHS.

There were 80,735 births reported during the year, almost 1,000 less than in the previous year, notwithstanding the fact that there has been a steady increase in marriages reported since 1898; there is undoubtedly a large number which escape registration owing to the neglect of physicians and midwives, and this is particularly true of the boroughs other than Manhattan.

Of the 80,735 reported, 41,096 were males and 39,639 were females, a proportion of 1.037 boys to one girl; 42,025 were reported by physicians and 38,710 by midwives.

MARRIAGES.

The total number of marriages reported was 33,447, being 1,200 more than were reported in previous years; the marriage rate for the entire city was 9.46. For the Borough of Manhattan 12.22 per 1,000; for Brooklyn 6.87, Richmond 5.88, Bronx 4.80 and Queens 4.72 per 1,000 of population.

3,761 widowers and 1,395 widows ventured again to embark upon the sea of matrimony.

SEARCHES AND TRANSCRIPTS.

The searches of births, marriages and deaths numbered 26,361, and 23,296 transcripts of these records were issued during the year.

Respectfully submitted,

WM. H. GUILFOY, M. D., Registrar.

REPORT OF
For Year ending

	BOROUGH OF—	
	Manhattan.	*The Bronx.
Number of deaths	38,507	4,797
Death rate	20.55	21.59

* The death rate in the Borough of The Bronx is materially increased by the deaths in

BOROUGH.	ESTIMATED POPULATION.	CERTIFICATES RECEIVED AND TABULATED.			
		Marriages.	Births.	Deaths.	Still-births.
Manhattan	1,872,562	22,895	49,960	38,566	3,351
The Bronx	222,124	1,067	4,023	4,790	312
Brooklyn.....	1,209,064	8,303	22,182	23,313	1,776
Queens.....	162,834	777	3,127	2,800	219
Richmond.	68,933	405	1,413	1,345	82
City of New York....	3,536,517	33,447	80,735	70,814	5,750

	BOROUGH OF—	
	Manhattan.	The Bronx.
Actual number of deaths in institutions.....	10,960	1,805
Actual number of deaths in tenements.....	24,260	1,661
Actual number of deaths in dwellings.....	2,294	1,255
Actual number of deaths in hotels and boarding-houses.....	326	9
Actual number of deaths in streets, rivers, etc.....	567	67

BUREAU OF RECORDS,

December 31, 1901.

BOROUGH OF—			CITY OF NEW YORK.
Brooklyn.	Queens.	Richmond.	
23,271	2,800	1,315	70,720
19.25	17.19	19.51	20.00

institutions, most of the inmates having been transferred from the Borough of Manhattan.

RATE PER 1,000.				TRANSIT PERMITS ISSUED.	CORONERS' CASES.	SEARCHES MADE.	TRAN- SCRIPTS ISSUED.
Marriages.	Births.	Deaths.	Still-births.				
12.22	25.68	20.58	1.80	1,028	5,327	17,491	15,030
4.80	18.11	21.56	1.40	12	471	967	1,044
6.87	18.35	19.23	1.47	563	3,323	7,070	6,340
4.72	19.20	17.19	1.34	....	477	632	635
5.88	20.50	19.51	1.19	....	208	201	197
9.46	22.83	20.02	1.63	1,603	9,826	26,351	23,296

BOROUGH OF—			CITY OF NEW YORK.
Brooklyn.	Queens.	Richmond.	
3,962	295	397	17,419
12,310	666	137	39,134
6,586	1,696	744	12,575
98	143	12	523
315	....	55	1,001

Particulars Regarding Births, Deaths, Marriages and

CITY OF

	TOTAL	WHITE.		COLORED.		NATIVE PARENTS.		FOREIGN PARENTS.		PERCENTAGE OF MIXED NATIVITIES.		PERCENTAGE UNKNOWN OR NOT STATED.	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
*Marriages.....	33,447	32,490	32,503	957	944	....	....	....	....	....	....	....	....
*Births.....	80,735	40,398	38,979	628	660	11,655	11,228	23,372	22,547	5,703	5,514	366	350
Deaths.....	70,814	37,115	31,763	963	943	7,176	6,708	21,812	19,697	3,605	3,263	5,214	3,038
*Still-births....	15,750	3,223	2,280	105	80	992	770	1,764	1,175	383	268	189	147

* The Returns of Births, Marriages and Still-births are incomplete.

|| Sex undetermined, 52.

BOROUGH OF

Marriages.....	22,855	22,250	22,259	645	636	....	....	....	....	....	....	....	....
Births.....	49,990	24,987	24,117	465	420	5,539	5,441	16,541	15,909	3,030	2,857	343	330
Deaths.....	38,566	20,281	17,176	392	517	3,268	2,899	12,530	11,244	1,728	1,623	3,347	1,927
Still-births....	13,361	1,861	1,323	68	47	415	327	1,199	800	192	147	126	106

† Sex undetermined, 49.

BOROUGH OF

Marriages.....	1,067	1,038	1,039	29	23	....	....	....	....	....	....	....	....
Births.....	4,023	2,003	1,940	36	44	807	770	720	720	511	493	1	1
Deaths.....	4,790	2,628	1,966	111	85	560	410	1,549	1,219	322	262	308	160
Still-births....	312	179	121	6	6	76	54	66	45	32	25	11	3

BOROUGH OF

Marriages.....	8,303	8,055	8,057	248	246	....	....	....	....	....	....	....	....
Births.....	22,182	11,162	10,701	154	165	4,199	4,025	5,335	5,152	1,760	1,670	22	19
Deaths.....	23,313	11,956	10,784	245	268	3,042	2,833	6,564	6,131	1,387	1,225	1,248	863
Still-births....	1,776	1,004	709	25	25	423	334	433	289	123	78	43	33

§ Sex undetermined, 13.

BOROUGH OF

Marriages.....	777	751	752	25	25	....	....	....	....	....	....	....	....
Births.....	3,127	1,514	1,553	31	24	754	689	532	535	259	358	....	....
Deaths.....	2,800	1,443	1,237	26	44	421	375	826	787	116	118	106	51
Still-births....	219	125	89	3	2	51	41	48	34	21	13	8	3

BOROUGH OF

Marriages.....	405	396	396	9	9	....	....	....	....	....	....	....	....
Births.....	1,413	732	663	11	7	356	303	244	231	143	136	....	....
Deaths.....	1,345	767	550	19	9	185	171	343	316	53	35	205	97
Still-births....	82	51	28	3	....	25	14	18	7	10	5	1	2

Deaths of Males by Age, and Cause of Death, City

CAUSE OF DEATH.	Total Both Sexes.	All Ages.	0	1	2	3	4	Total Under 5.	5	10	15
<i>1.—General Diseases.</i>											
1. Typhoid fever.....	727	448	2	4	3	4	4	17	13	12	39
2. Typhus fever.....	..	..	..	..	..	..	..	..	..	..	..
3. Relapsing fever.....	..	..	..	..	..	..	..	..	..	..	..
4. Malarial fever.....	195	96	12	3	5	1	1	22	6	6	4
5. Small pox.....	410	252	58	19	19	19	6	101	12	4	1
6. Measles.....	449	248	59	98	43	16	13	229	16	..	..
7. Scarlet fever.....	1,162	589	21	78	79	94	87	359	161	36	12
8. Whooping cough.....	289	125	63	37	13	6	4	123	2	..	..
9. Diphtheria and croup...	2,068	1,027	90	253	188	160	96	737	204	17	5
10. Influenza.....	856	375	27	8	4	4	5	48	12	6	7
11. Miliary fever.....	..	..	..	..	..	..	..	..	..	..	..
12. Asiatic cholera.....	..	..	..	..	..	..	..	..	..	..	..
13. Cholera nostras.....	..	..	..	..	..	..	..	..	..	..	..
14. Dysentery.....	348	175	36	27	6	6	6	81	14	3	3
15. Plague.....	..	..	..	..	..	..	..	..	..	..	..
16. Yellow fever.....	..	..	..	..	..	..	..	..	..	..	..
17. Leprosy.....	..	..	..	..	..	..	..	..	..	..	..
18. Erysipelas.....	198	125	45	..	..	1	..	46	1	1	2
19. Other epidemic diseases.	11	7	2	3	1	..	..	6	..	..	..
20. Pyæmia, septicæmia....	55	33	10	1	2	..	..	13	..	1	..
21. Glanders.....	1	1	..	..	..	..	..	..	..	..	..
22. Malignant pustule.....	4	1	..	..	..	..	..	..	..	..	..
23. Hydrophobia.....	6	4	..	..	..	..	..	..	1	..	2
24. Actinomycosis.....	..	..	..	..	..	..	..	..	..	..	..
24a. Trichinosis.....	1	..	..	..	..	..	..	..	..	..	..
25. Pellagra.....	..	..	..	..	..	..	..	..	..	..	..
26. Tuberculosis of larynx..	42	32	..	..	..	..	..	..	..	..	..
27. Tuberculosis of lungs...	8,135	5,064	40	25	10	7	5	87	23	18	210
28. Tubercular meningitis..	750	420	141	96	43	27	20	327	36	10	6
29. Abdominal tuberculosis.	165	82	30	6	6	2	1	45	5	3	2
30. Potts' disease.....	29	17	1	1	..	1	2	5	3	1	1
31. Cold abscess.....	5	2	..	1	..	..	..	1	..	..	..
32. White swelling.....	16	8	..	..	..	..	1	1	3	1	2
33. Tuberculosis of other } organs.....	92	57	6	..	1	1	..	8	9	8	6
34. General tuberculosis....	155	92	11	7	5	2	..	25	9	2	3

of New York, for Year ending December 31, 1901.

20	25	30	35	40	45	50	55	60	65	70	75	80	85	Colored.
75	79	60	54	34	22	18	9	7	3	5	1	..	..	12
..
..
4	9	8	8	6	4	4	3	4	4	3	1	..	..	5
18	28	20	16	24	11	4	6	3	4	..	..	..	..	15
1	1	..	..	..	1	..	..	..	..	..	..	..	..	5
8	7	2	2	1	1	..	..	..	..	..	..	..	..	3
..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
2	4	..	1	..	3	..	2	..	..	1	1	..	..	6
12	25	20	29	26	20	27	22	25	29	18	29	12	9	14
..
..
..
5	9	8	..	4	4	3	4	6	10	9	9	2	1	1
..
..
..
2	6	10	9	7	6	6	7	9	6	3	1	3	..	2
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	1	1	2	4	2	5	1	1	..	..	..	..	..	1
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
..
..
..
4	3	7	6	3	3	2	1	..	1	1	1	..	..	..
505	689	840	783	645	400	325	214	156	89	44	29	7	..	167
6	5	7	8	6	3	2	3	1	..	..	..	..	..	17
5	6	5	2	1	2	1	..	4	1	..	..	..	..	4
2	1	1	..	..	..	1	2	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
3	4	3	3	1	4	3	3	1	1	..	..	..	..	3
3	15	5	9	7	3	7	4	..	..	..	..	..	..	5

20	25	30	35	40	45	50	55	60	65	70	75	80	85	Colored.
..
I	3	7	6	7	3	2	2	4	..	..	..	..	..	7
..
..
I	I	I	4	6	7	8	14	15	10	6	7	2	3	..
2	5	10	24	46	40	66	81	60	60	42	23	8	3	7
I	5	7	8	15	14	20	14	19	8	8	8	2	..	2
..
..
..	..	..	2	3	4	7	7	5	I	2	I	I	..	..
4	2	11	8	21	26	25	30	25	14	22	7	4	..	4
..	..	I	..	I	..	..	..	..	..	..	I	..	..	..
5	9	13	7	13	10	7	7	5	4	8	2	..	I	6
I	..	I	I	..	3	I	I	I	I	4	2	..	..	I
..
8	16	7	15	23	28	41	31	30	24	18	7	3	..	2
..	I	I	..	..	..	I	..	..	..	..	..	..	..	..
I	..	..	I	I	..	..	I	..	..	..	..	..	..	..
..	2	..	2	..	I	3	3	..	..	..	..	..	..	..
I	2	3	3	2	6	5	I	7	3	2	..	I	..	I
..
6	34	35	55	49	34	22	12	7	9	..	..	..	..	I
I	..	..	..	..	2	2	..	I	..	..	..	..	..	..
..	..	I	..	..	..	..	I	..	..	..	..	..	..	..
..	..	..	I	3	..	..	..	..	..	..	..	..	..	..
..	2	I	I	I	..	..	..	..	I	..	..	..	..	..
17	15	15	10	12	6	8	5	8	3	3	2	..	I	19
5	3	4	2	2	..	I	..	I	..	..	I	..	..	8
..	..	4	5	6	8	11	10	4	4	5	..	I	I	..
3	2	8	8	8	6	6	9	I	6	5	..	I	I	I
8	15	33	33	73	82	148	145	194	166	163	93	57	27	17
..	..	..	3	..	3	5	2	3	8	6	4	2	3	I
..	I	I	I	7	9	7	10	11	14	10	5	4	..	..
..	3	9	17	22	11	9	4	5	5	I	3	I	..	I

CAUSE OF DEATH.	Total Both Sexes.	All Ages.	0	1	2	3	4	Total Under 5	5	10	15
68. Other forms of insanity.	200	118	..	..	..	..	..	..	..	..	2
69. Epilepsy	156	60	1	..	..	..	..	1	2	4	3
70. Convulsions (not puer- peral).....	7	2	..	..	..	..	..	..	1	..	..
71. Convulsions of infants..	798	413	367	50	14	7	4	442	1	..	..
72. Tetanus, trismus.....	84	58	39	..	..	..	..	39	5	2	3
73. Chorea.....	7	3	1	..	..	..	..	1	..	..	..
74. Other nervous diseases.	93	57	2	1	..	..	..	3	1	3	2
75. Diseases of the eyes....	2	2	1	..	..	..	..	1	..	..	..
76. Diseases of the ears....	81	45	13	4	3	1	2	23	3	2	3
<i>III.—Diseases of Circulatory System.</i>											
77. Pericarditis	78	53	2	..	..	..	1	3	4	3	2
78. Acute endocarditis.....	188	87	5	2	4	3	1	15	6	5	4
79. Organic heart diseases.	4,626	2,304	32	6	5	6	8	57	37	41	54
80. Angina pectoris.....	114	71	..	..	..	..	..	..	..	..	..
81. Diseases of arteries, } aneurism, etc.....	152	105	..	..	..	..	..	..	..	..	..
82. Embolism, thrombosis .	142	76	3	1	..	1	1	6	1	2	1
83. Diseases of veins } (hæmorrhoids, var- ices, phlebitis, etc.) }	14	5	..	..	..	..	..	..	..	..	..
84. Diseases of lymphatics } (lymphangitis, etc.).....	3	3	1	..	..	..	..	1	1	..	..
85. Hæmorrhage.....	44	21	5	..	..	..	..	5	3	1	2
86. Other diseases of cir- culatory system....	2	1	..	..	..	..	..	..	..	..	..
<i>IV.—Diseases of Respiratory System.</i>											
87. Diseases of the nasal } fossæ	3	3	..	..	..	1	..	1	1	..	..
88. Diseases of the larynx..	88	46	10	6	5	2	3	26	6	1	3
89. Diseases of the thyroid } gland.....	5	2	..	..	..	..	..	..	..	..	..
90. Acute bronchitis.....	1,683	787	475	116	35	14	11	651	13	2	4
91. Chronic bronchitis.....	459	205	6	3	..	..	2	11	..	..	2
92. Broncho-pneumonia....	2,621	1,296	605	283	81	33	24	1,026	32	5	5
93. Pneumonia.....	6,547	3,605	533	347	124	80	47	1,131	103	33	64
94. Pleurisy	287	179	7	16	7	2	2	34	7	2	5
95. Congestion of lungs, } pulmonary apoplexy }	135	78	20	2	2	1	..	25	1	3	..
96. Gangrene of lung	35	23	1	..	..	..	..	1	1	..	..
97. Asthma.....	90	49	..	..	..	..	..	..	..	..	..
98. Pulmonary emphysema.	96	61	1	..	..	..	..	1	..	..	1
99. Other diseases of res- piratory system....	73	48	2	..	1	..	..	3	..	..	2

20	25	30	35	40	45	50	55	60	65	70	75	80	85	Colored.
16	9	9	16	19	11	9	12	9	2	3	..	1	..	..
10	9	4	7	3	1	3	5	4	3	1	..	..	..	3
..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	20
1	3	1	1	..	2	1	..	..	..	..	..	..	..	1
..	1	1	..	..	..	..	..	..	..	..	..	..	..	..
1	7	10	5	5	6	2	3	6	2	1	..	..	..	..
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
5	..	4	..	..	2	3	..	..	..	..	..	..	..	..
9	2	1	8	2	4	5	2	2	1	1	3	..	1	4
2	9	5	7	7	5	2	5	5	5	5	..	..	..	6
67	110	132	152	179	199	101	224	251	235	172	103	68	22	78
2	..	1	3	8	6	9	12	8	14	4	3	1	..	5
..	1	7	5	14	11	9	12	12	9	13	3	4	1	3
..	4	3	4	7	6	6	6	10	3	5	5	6	1	1
..	..	1	1	..	..	1	1	..	..	..	1	..	..	..
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
1	2	..	2	2	1	..	2	..	..	..	..	..	..	2
..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	1	..	1	2	1	..	1	1	1	..	1	..	..	..
..	..	..	1	..	..	..	..	1	..	..	..	..	..	..
4	4	4	4	7	5	9	9	13	16	9	15	8	10	19
4	6	11	12	6	8	16	16	25	21	22	19	18	8	4
12	15	17	19	16	11	20	23	25	19	21	12	11	7	36
134	211	253	245	232	197	198	192	195	137	119	92	42	17	93
14	9	17	17	15	10	11	5	13	5	9	2	3	1	5
3	2	..	4	7	1	8	3	4	4	3	6	3	1	1
1	2	2	3	..	4	1	4	2	..	2	..	..	..	1
..	1	2	3	2	6	2	11	5	7	8	2	..	..	1
1	3	2	2	2	5	8	8	7	5	7	6	2	1	..
5	6	5	8	6	6	2	2	..	1	2	..	..	..	1

CAUSE OF DEATH.	Total Both Sexes.	All Ages.	0	1	2	3	4	Total Under 5.	5	10	15
131. Ovarian cysts and tumors.....	79	..	..	..	..	..	..	..	..	..	..
132. Other diseases of female genital organs. }	53	..	..	..	..	..	..	..	..	..	..
133. Diseases of breast (not puerperal nor cancer).....	..	..	..	..	..	..	..	..	..	..	..
<i>VII.—Puerperal Diseases.</i>											
134. Accidents of pregnancy.	144	..	..	..	..	..	..	..	..	..	..
135. Puerperal hæmorrhage.	38	..	..	..	..	..	..	..	..	..	..
136. Other accidents of labor.....	112	..	..	..	..	..	..	..	..	..	..
137. Puerperal septicæmia..	244	..	..	..	..	..	..	..	..	..	..
138. Puerperal albuminuria and convulsions. }	96	..	..	..	..	..	..	..	..	..	..
139. Puerperal phlegmasia alba dolens.....	3	..	..	..	..	..	..	..	..	..	..
140. Other accidents of parturition, sudden death.....	11	..	..	..	..	..	..	..	..	..	..
141. Puerperal diseases of breast.....	..	..	..	..	..	..	..	..	..	..	..
<i>VIII.—Diseases of Skin and Cellular Tissue.</i>											
142. Gangrene.....	65	33	1	..	1	..	..	2	2	..	..
143. Carbuncle.....	16	10	..	..	..	..	..	..	..	..	1
144. Phlegmon, acute abscess.....	77	45	13	4	1	..	..	18	..	..	..
145. Other diseases of skin and adnexa.....	34	7	5	..	..	..	..	5	..	..	..
<i>IX.—Diseases of Locomotor System.</i>											
146. Diseases of bones (non-tuberculous).....	125	65	22	8	3	1	1	35	5	5	..
147. Arthritis, other diseases of joints (except tuberculosis and rheumatism).....	15	11	2	..	..	..	..	2	2	1	..
148. Amputation.....	..	..	..	..	..	..	..	..	..	..	..
149. Other diseases of organs of locomotion..	..	..	..	..	..	..	..	..	..	..	..
<i>X.—Malformations.</i>											
150. Congenital malformations.....	431	236	214	5	7	2	..	228	6	..	..
<i>XI.—Diseases of Infancy.</i>											
151. Congenital debility, icterus and sclerema. }	1,722	949	931	10	4	2	1	948	1	..	..
152. Other diseases peculiar to infancy.....	95	56	56	..	..	..	..	56	..	..	..
153. Neglect.....	5	5	5	..	..	..	..	5	..	..	..

CAUSE OF DEATH.	Total Both Sexes.	All Ages.	0	1	2	3	4	Total Under 5.	5	10	15
<i>XII.—Diseases of Old Age.</i>											
154. Senile debility.....	1,231	442	..	..	..	..	..	..	..	..	..
<i>XIII.—External Causes.</i>											
155. Suicide by poison.....	333	216	..	..	..	..	..	..	..	..	5
156. Suicide by asphyxia....	99	57	..	..	..	..	..	..	..	..	..
157. Suicide by hanging or } strangulation..... }	71	49	..	..	..	..	..	..	..	2	2
158. Suicide by drowning....	7	3	..	..	..	..	..	..	..	..	..
159. Suicide by firearms.....	146	143	..	..	..	..	..	..	..	..	3
160. Suicide by cutting in- } struments..... }	34	31	..	..	..	..	..	..	..	..	..
161. Suicide by precipita- } tion from height.... }	22	13	..	..	..	..	..	..	..	..	..
162. Suicide by crushing....	..	..	..	..	..	..	..	..	..	..	..
163. Suicide by other methods	1	1	..	..	..	..	..	..	..	..	..
164. Fractures.....	173	150	1	..	2	1	2	6	7	5	6
165. Dislocations.....	2	2	..	..	..	..	..	..	..	..	..
166. Other accidental injuries	1,245	997	12	14	23	20	16	85	90	46	50
167. Burr, by fire scald.....	319	135	11	22	23	18	8	82	8	..	6
168. Burning by corrosive } substances..... }	5	3	..	..	..	1	..	1	..	..	..
169. Sunstroke.....	1,273	714	97	25	7	1	2	132	3	2	..
170. Freezing.....	3	2	..	..	..	..	..	..	..	..	..
171. Electrical shock.....	14	14	..	..	..	..	..	..	..	1	..
172. Accidental drowning...	439	411	2	1	..	1	1	5	38	28	24
173. Inanition (starvation)...	1	1	..	..	..	..	..	..	..	..	..
174. Inhalation of noxious } gas, not suicidal.... }	189	117	2	1	..	1	2	6	1	2	5
175. Other acute poisoning..	79	53	2	2	2	1	..	7	3	..	1
176. Other external violence.	181	134	26	1	..	1	1	29	6	1	2
(Of which)											
a. Homicide, by blows	17	17	1	..	..	..	..	1	1	..	..
b. Homicide, by sharp } instruments.... }	25	21	..	..	..	..	..	..	..	..	..
c. Homicide, by gun- } shot..... }	56	39	..	..	..	..	..	..	1	1	2
d. Homicide, by } poison..... }	3	1	1	..	..	..	..	1	..	..	..
e. Homicide by other } methods..... }	11	5	1	1	..	..	..	2	1	..	..
<i>XIV.—Ill-defined or Not Specified Causes.</i>											
177. Dropsy.....	..	..	..	..	..	..	..	..	..	..	..
178. Sudden death, not } puerperal..... }	..	..	..	..	..	..	..	..	..	..	..
179. Ill-defined causes.....	2,230	1,250	1,127	97	13	4	3	1,244	2	..	..
180. Injury during birth.....	229	133	133	..	..	..	..	133	..	..	..

CAUSE OF DEATH.	Total Both Sexes.	All Ages.	0	1	2	3	4	Total Under 5.	5	10	15
I.—General diseases...	20,174	11,097	704	678	435	356	259	2,432	547	157	325
<i>a.</i> Tuberculous diseases.....	9,389	5,774	229	136	65	40	29	499	88	43	230
<i>b.</i> Cancer.....	2,463	935	1	1	2	1	5	10	1	3	5
II.—Diseases of nervous system and organs of sense...	5,732	3,060	650	189	76	41	32	988	76	28	35
III.—Diseases of circulatory system...	5,263	2,727	48	9	9	10	11	87	52	52	63
IV.—Diseases of respiratory system...	12,134	6,382	1,660	773	255	133	89	2,910	164	46	86
V.—Diseases of digestive system....	6,646	5,134	2,681	605	106	41	28	3,461	81	61	59
VI.—Diseases of genito-urinary system.)	6,112	3,156	59	16	16	20	22	133	47	30	39
VII.—Puerperal diseases..	648	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of skin and cellular tissue..	192	95	19	4	2	..	..	25	2	..	1
IX.—Diseases of locomotory system.)	140	76	24	8	3	1	1	37	7	6	..
X.—Malformations.....	431	236	214	5	7	2	..	228	6	..	..
XI.—Diseases of Infancy.	2,051	1,143	1,125	10	4	2	1	1,142	1	..	..
XII.—Diseases of old age	1,231	442	..	..	..	..	..	..	..	..	..
XIII.—External causes....	4,636	3,246	153	66	57	45	32	353	156	87	104
<i>a.</i> Suicide.....	713	513	..	..	..	..	..	..	..	2	10
<i>b.</i> Homicide.....	112	83	3	1	..	..	..	4	3	1	2
<i>c.</i> Accident.....	3,811	2,650	150	65	57	45	32	349	153	84	92
XIV.—Causes ill-defined...	2,230	1,250	1,127	97	13	4	3	1,244	2	..	..
Total males....	38,044	38,044	8,464	2,460	983	655	478	13,040	1,141	467	712
Total females...	32,676	32,676	7,003	2,229	916	593	475	11,216	989	437	690
Total both sexes	70,720	70,720	15,467	4,689	1,899	1,248	953	24,256	2,130	904	1,402

Deaths of Females by Age, and Cause of Death,

CAUSE OF DEATH.	ALL AGES.	0	1	2	3	4	TOTAL UNDER 5.	5	10	15
<i>I.—General Diseases.</i>										
1. Typhoid fever.....	279	3	1	1	3	6	14	7	24	36
2. Typhus fever.....	..	..	..	..	..	..	..	..	..	..
3. Relapsing fever.....	..	..	..	..	..	..	..	..	..	..
4. Malarial fever.....	99	12	10	6	..	2	30	3	7	4
5. Small-pox.....	158	38	27	13	10	8	96	11	3	1
6. Measles.....	201	39	77	42	18	10	186	12	..	1

CAUSE OF DEATH.	All Ages.	0	1	2	3	4	Total Under 5.	5	10	15
7. Scarlet fever.....	573	32	69	84	78	86	349	165	25	12
8. Whooping cough.....	164	81	46	18	10	5	160	2	1	..
9. Diphtheria and croup.....	1,041	101	191	187	160	120	759	238	27	3
10. Influenza..	480	17	4	2	4	3	30	10	4	8
11. Miliary fever.....	..	..	..	..	..	..	..	..	..	..
12. Asiatic cholera.....	..	..	..	..	..	..	..	..	..	..
13. Cholera nostras.....	..	..	..	..	..	..	..	..	..	..
14. Dysentery.....	173	24	21	7	2	2	56	8	2	6
15. Plague.....	..	..	..	..	..	..	..	..	..	..
16. Yellow fever.....	..	..	..	..	..	..	..	..	..	..
17. Leprosy.....	..	..	..	..	..	..	..	..	..	..
18. Erysipelas.....	73	34	2	..	1	..	37	..	1	2
19. Other epidemic diseases.....	4	2	..	1	..	..	3	1	..	..
20. Pyæmia, septicæmia.....	22	7	..	..	1	..	8	4	..	..
21. Glanders.....	..	..	..	..	..	..	..	..	..	..
22. Malignant pustule.....	3	..	..	..	..	..	..	..	1	..
23. Hydrophobia.....	2	..	..	1	..	..	1	1	..	..
24. Actinomycosis.....	..	..	..	..	..	..	..	..	..	..
24a. Trichinosis.....	1	..	..	..	..	..	..	..	..	1
25. Pellagra.....	..	..	..	..	..	..	..	..	..	..
26. Tuberculosis of larynx.....	10	..	..	..	..	..	..	..	..	..
27. Tuberculosis of lungs.....	3,071	24	25	8	7	8	72	19	71	223
28. Tubercular meningitis.....	330	105	63	41	28	13	250	35	17	11
29. Abdominal tuberculosis.....	83	22	3	2	2	1	30	2	4	7
30. Pott's disease.....	12	1	..	..	1	1	3	4	..	..
31. Cold abscess.....	3	..	..	..	..	..	..	..	..	..
32. White swelling.....	8	..	..	..	..	1	1	3	2	..
33. Tuberculosis of other organs.....	35	1	3	..	2	1	7	4	2	4
34. General tuberculosis.....	63	9	3	5	2	2	21	2	4	2
35. Scrofula.....	5	..	1	1	..	..	2	..	..	..
36. Syphilis.....	70	40	3	4	1	..	48	..	1	1
37. Gonorrhœa (adults).....	..	..	..	..	..	..	..	..	..	..
38. Gonorrhœa (children).....	..	..	..	..	..	..	..	..	..	..
39. Cancers, etc., of the mouth.....	18	..	..	..	..	..	..	..	..	..
40. Cancer of stomach, liver.....	516	..	..	..	..	..	..	..	..	1
41. Cancer of intestines, rectum.....	194	..	1	..	..	..	1	..	..	1
42. Cancer of female genital organs..	393	2	..	..	..	..	2	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85	Colored.
6	8	4	1	1	..	1	..	..	..	..	..	..	..	3
..	..	..	..	..	..	..	..	..	..	..	..	..	1	5
8	2	1	..	..	..	3	..	..	..	..	..	..	..	21
9	15	22	20	24	22	39	40	65	42	37	47	29	17	21
..
..
..
3	4	3	6	3	5	10	11	14	16	10	6	6	4	..
..
..
..
4	1	7	3	2	3	2	1	2	2	..	4	1	1	2
..
1	1	1	3	1	..	1	..	1	..	..	..	..	1	2
..
1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
..
..
..
..
3	1	2	2	..	2	..	..	..	..	..	..	..	..	..
438	513	470	410	275	150	136	84	87	65	32	13	6	1	135
2	4	3	2	2	1	2	..	..	..	1	..	..	..	10
10	3	4	8	5	3	3	..	3	1	..	..	..	..	6
..	..	..	1	..	..	..	1	..	1	..	..	1	1	..
..	1	1	..	..	..	..	..	..	..	..	..	..	..	2
2	3	5	1	1	2	3	..	1	..	..	..	..	..	1
3	6	8	7	4	3	1	..	2	..	..	..	..	..	5
2	1	..	..	..	..	..	..	..	..	..	..	..	..	2
3	2	4	5	1	1	2	1	1	..	..	..	..	..	6
..
..
..	..	1	2	4	1	2	2	2	3	1	..	..	..	1
2	3	16	28	45	53	68	84	54	70	51	27	9	5	2
5	5	8	10	17	23	29	20	27	21	14	5	2	..	1
3	9	10	47	56	65	68	52	32	29	7	9	2	2	15

CAUSE OF DEATH.	All Ages.	0	1	2	3	4	Total Under 5.	5	10	15
43. Cancer of the breast.	208	..	..	..	..	..	..	..	..	..
44. Cancer of the skin.....	23	..	..	..	..	..	..	..	..	..
45. Cancer of other organs and un- specified.....	176	1	1	1	..	1	4	1	..	5
46. Other tumors (except of female genital organs).....	5	1	1	..	..	..	2	..	..	..
47. Acute articular rheumatism	132	2	1	2	1	3	9	12	9	11
48. Chronic rheumatism and gout....	40	..	..	..	..	..	..	..	1	..
49. Scurvy.....	3	1	1	..	..	..	2	..	..	..
50. Diabetes.....	234	..	..	..	..	..	..	2	..	..
51. Exophthalmic goitre.....	22	..	..	..	..	..	..	..	1	1
52. Addison's disease.....	7	..	..	..	..	..	..	..	..	..
53. Leukæmia.....	18	1	1	1	..	1	4	1	1	..
54. Anæmia, chlorosis.....	55	3	1	1	..	1	6	2	..	3
55. Other general diseases.....	2	2	..	..	..	..	2	..	..	..
56. Alcoholism, acute and chronic....	65	..	..	..	..	..	..	..	..	..
57. Lead poisoning	1	..	..	..	..	..	..	..	..	..
58. Other chronic poisonings of oc- cupation.....	..	..	..	..	..	..	..	..	..	..
59. Other chronic poisonings.....	2	..	..	..	..	..	..	..	..	..
<i>II.—Diseases of Nervous System and Organs of Sense.</i>										
60. Encephalitis.....	5	..	1	..	..	..	1	..	1	1
61. Simple meningitis.....	525	181	124	45	27	14	291	40	20	13
(of which cerebro-spinal men- ingitis.....)	115	23	27	10	6	4	70	16	9	6
62. Locomotor ataxia.....	16	..	..	..	..	..	..	..	..	..
63. Other diseases of spinal cord.....	58	2	..	1	1	..	4	1	..	3
64. Apoplexy, congestion of brain....	1,272	11	7	2	2	..	22	..	1	2
65. Softening of brain.....	35	..	..	..	..	..	..	..	..	..
66. Paralysis (unspecified).....	144	3	..	1	..	..	4	1	2	1
67. General paresis.....	26	..	..	..	..	..	..	..	..	..
68. Other forms of insanity.....	82	..	1	1	..	..	2	..	..	2
69. Epilepsy.....	46	1	3	1	..	..	5	2	2	4
70. Co:ulsions (not puerperal).....	5	..	..	..	..	..	..	4	1	..
71. Convulsions of infants.....	355	303	43	5	2	2	355	..	..	..
72. Tetanus, trismus.....	26	22	..	..	..	1	23	1	..	..
73. Chorea.....	4	..	..	1	..	..	1	..	1	..
74. Other nervous diseases.....	36	3	2	1	..	1	7	1	..	1
75. Diseases of the eyes.....	..	..	..	..	..	..	..	..	..	..
76. Diseases of the ears.....	36	4	3	2	1	3	13	4	2	1

20	25	30	35	40	45	50	55	60	65	70	75	80	85	Colored.
1	1	5	25	22	21	28	28	31	16	10	12	6	2	3
..	..	1	1	1	2	1	3	2	2	2	4	1	3	1
3	7	6	18	25	13	19	17	19	16	7	9	5	2	5
1	..	..	..	..	..	2	..	..	..	..	..	..	..	1
7	8	9	13	12	7	3	4	6	7	6	6	1	2	1
..	..	2	1	1	1	6	3	4	8	3	4	3	3	..
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
5	6	2	11	13	28	19	35	42	33	13	11	9	2	4
1	2	3	2	2	3	3	1	3	..	..	..	..	..	3
2	..	..	1	2	..	1	1	..	..	..	..	..	..	..
1	2	3	2	..	..	..	2	..	1	1	..	..	..	1
1	7	1	6	5	4	5	4	4	3	3	..	1	..	..
..
2	11	11	15	15	5	1	1	1	3	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	1	..	..	..	..
..
..	..	..	1	1	..	..	..	..	..	..	..	..	..	..
..	..	..	1	1	..	..	..	..	..	..	..	..	..	..
9	6	7	12	5	6	4	3	2	4	3	..	1	..	11
3	3	2	1	1	..	1	..	..	2	1	..	..	..	1
..	..	..	1	3	1	5	1	2	1	2	..	..	..	..
2	5	4	3	3	1	5	4	13	6	1	2	1	..	..
6	9	23	39	73	81	134	142	162	159	165	139	73	37	27
..	1	2	1	..	1	..	2	4	7	7	6	1	3	..
..	1	3	2	3	5	14	17	17	26	22	10	11	5	9
..	..	5	3	3	1	2	..	3	2	3	1	2	1	..
3	9	9	11	9	6	10	7	9	2	2	..	1	..	3
2	8	5	6	1	3	3	1	2	2	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	15
..	1	1	..	..	..	..	..	..	..	..	..	..	..	..
..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
2	4	4	2	4	4	2	2	1	..	2	..	..	..	1
..
3	2	2	1	2	..	1	3	1	1	..	..	..	..	1

CAUSE OF DEATH.	All Ages.	0	1	2	3	4	Total Under 5.	5	10	15
<i>III.—Diseases of Circulatory System</i>										
77. Pericarditis.....	25	1	..	1	1	..	3	2	2	..
78. Acute endocarditis.....	101	5	2	1	1	2	11	14	4	5
79. Organic heart diseases.....	2,322	26	6	3	8	5	48	45	44	55
80. Angina pectoris.....	43	..	..	..	..	..	..	..	..	1
81. Diseases of arteries, aneurism, etc.	45	..	..	..	..	..	..	..	..	..
82. Embolism, thrombosis.....	66	1	..	..	..	..	1	..	..	..
83. Diseases of veins (hæmorrhoids, } varices, phlebitis, etc.)..... }	9	..	..	..	..	..	..	..	..	..
84. Diseases of lymphatics (lymphangi- } tisis, etc.)..... }	..	..	..	..	..	..	..	..	..	..
85. Hæmorrhage.....	23	9	..	..	..	..	9	1	2	1
86. Other diseases of circulatory } system..... }	1	..	..	..	..	..	..	..	..	..
<i>IV.—Diseases of Respiratory System.</i>										
87. Diseases of the nasal fossae.....	..	..	..	..	..	..	..	..	..	..
88. Diseases of the larynx.....	42	9	6	3	6	3	27	10	..	1
89. Diseases of thyroid gland.....	3	..	..	..	..	..	..	..	..	..
90. Acute bronchitis.....	896	432	124	54	23	13	626	10	1	7
91. Chronic bronchitis.....	264	5	6	5	..	..	16	2	1	1
92. Broncho-pneumonia.....	1,325	471	323	81	44	32	951	38	8	8
93. Pneumonia.....	2,042	445	302	109	59	36	951	79	39	54
94. Pleurisy.....	110	8	3	2	2	1	16	4	4	6
95. Congestion of lungs pulmonary } apoplexy..... }	57	12	2	2	2	1	19	2	..	2
96. Gangrene of lung.....	12	2	1	..	..	..	3	..	..	..
97. Asthma.....	41	..	..	..	..	..	..	1	..	1
98. Pulmonary emphysema.....	35	..	1	..	..	..	1	..	1	..
99. Other diseases of respiratory } system..... }	25	..	..	..	1	..	1	..	1	1
<i>V.—Diseases of Digestive System</i>										
100. Diseases of mouth and adnexa....	27	15	4	2	1	..	22	..	1	..
101. Diseases of pharynx.....	20	5	2	1	2	..	10	5	..	..
102. Diseases of œsophagus.....	7	1	..	..	..	..	1	2	..	..
103. Ulcer of stomach.....	56	4	..	..	..	..	4	1	1	4
104. Other diseases of stomach (can- } cer excepted)..... }	197	44	10	4	1	5	64	6	3	1
105. Diarrhœa and enteritis (under } two years)..... }	2,697	2,208	489	..	..	..	2,697	..	..	..
(of which) chronic diarrhœa.....	13	9	4	..	..	..	13	..	..	..
106. Diarrhœa and enteritis (two } years and over)..... }	531	..	..	102	19	26	147	25	12	4
107. Intestinal parasites.....	1	..	..	..	..	..	..	1	..	..

CAUSE OF DEATH.	All Ages.	0	1	2	3	4	Total Under 5.	5	10	15
<i>VIII.—Diseases of Skin and Cellular Tissue.</i>										
142. Gangrene.....	32	..	..	..	1	1	2	..	..	..
143. Carbuncle.....	6	2	..	..	..	..	2	..	..	..
144. Phlegmon, acute abscess.....	32	7	1	1	..	..	9	..	..	2
145. Other diseases of skin and ad- nexa.....	27	10	1	..	..	..	11	1	..	..
<i>IX.—Diseases of Locomotory System.</i>										
146. Diseases of bones (non-tubercu- lous).....	60	22	17	2	1	1	43	3	1	..
147. Arthritis, other diseases of joints (except tuberculosis and rheu- matism).....	4	..	..	..	..	..	..	1	..	..
148. Amputation.....	..	..	..	..	..	..	..	..	..	..
149. Other diseases of organs of lo- comotion.....	..	..	..	..	..	..	..	..	..	..
<i>X.—Malformations.</i>										
150. Congenital malformations.....	195	124	6	..	..	..	190	1	..	2
<i>XI.—Diseases of Infancy.</i>										
151. Congenital debility, icterus and sclerema.....	773	762	5	3	1	..	771	1	1	..
152. Other diseases peculiar to in- fancy.....	39	38	1	..	..	..	39	..	..	..
153. Neglect.....	..	..	..	..	..	..	..	..	..	..
<i>XII.—Diseases of Old Age.</i>										
154. Senile debility.....	789	..	..	..	..	..	..	..	..	..
<i>XIII.—External Causes.</i>										
155. Suicide by poison.....	117	..	..	..	..	..	..	..	..	13
156. Suicide by asphyxia.....	42	..	..	..	..	..	..	..	..	1
157. Suicide by hanging or strangu- lation.....	22	..	..	..	..	..	..	..	..	2
158. Suicide by drowning.....	4	..	..	..	..	..	..	..	..	..
159. Suicide by firearms.....	3	..	..	..	..	..	..	..	..	..
160. Suicide by cutting instruments....	3	..	..	..	..	..	..	..	..	..
161. Suicide by precipitation from height.....	9	..	..	..	..	..	..	..	..	..
162. Suicide by crushing.....	..	..	..	..	..	..	..	..	..	..
163. Suicide by other methods.....	..	..	..	..	..	..	..	..	..	..
164. Fractures.....	23	..	..	1	..	..	1	2	..	1
165. Dislocations.....	..	..	..	..	..	..	..	..	..	..
166. Other accidental injuries.....	248	6	11	11	14	15	57	26	6	6
167. Burn, by fire scald.....	184	6	15	20	14	13	68	22	7	11
168. Burning by corrosive substances..	2	..	1	1	..	..	2	..	..	..
169. Sunstroke.....	559	56	25	3	1	2	87	12	2	2
170. Freezing.....	1	1	..	..	..	..	1	..	..	..

CAUSE OF DEATH.	All Ages.	0	1	2	3	4	Total Under 5.	5	10	15
171. Electrical shock .....	..	..	..	..	..	..	..	..	..	..
172. Accidental drowning.	28	..	..	1	..	..	1	3	..	2
173. Inanition (starvation) .....	..	..	..	..	..	..	..	..	..	..
174. Inhalation of noxious gas, not suicidal.	72	4	..	..	2	..	6	2	2	4
175. Other acute poisoning.	26	4	2	1	1	2	10	..	..	2
176. Other external violence.....	47	8	3	..	1	..	12	1	1	6
Of which										
<i>a.</i> Homicide, by blows.....	..	..	..	..	..	..	..	..	..	..
<i>b.</i> Homicide, by sharp instru- ments.....	4	1	..	..	..	..	1	..	..	1
<i>c.</i> Homicide, by gunshot.	17	..	2	..	..	..	2	..	..	3
<i>d.</i> Homicide, by poison.	2	..	..	..	..	..	..	..	..	..
<i>e.</i> Homicide, by other methods..	6	2	1	..	1	..	4	..	..	1
<i>XIV.—Ill-defined or not Specified Causes.</i>										
177. Dropsy.....	..	..	..	..	..	..	..	..	..	..
178. Sudden death, not puerperal.....	..	..	..	..	..	..	..	..	..	..
179. Ill-defined causes	980	853	93	11	5	1	973	1	..	..
180. Injury during birth.....	96	96	..	..	..	..	96	..	..	..
I.—General diseases	9,077	605	556	428	331	275	2,195	554	209	344
<i>a.</i> Tuberculous diseases.....	3,615	162	97	56	42	27	384	69	101	246
<i>b.</i> Cancer.....	1,528	3	2	1	..	1	7	1	..	7
II.—Diseases of nervous system } and organs of sense	2,672	530	184	60	33	21	828	54	30	28
III.—Diseases of circulatory system	2,636	42	8	5	10	7	72	62	52	62
IV.—Diseases of respiratory system	5,752	1,384	768	236	137	86	2,611	146	55	81
V.—Diseases of digestive system..	4,512	2,344	513	116	27	34	3,034	64	44	45
VI.—Diseases of genito-urinary } system	2,956	29	19	16	14	17	95	33	27	52
VII.—Puerperal diseases.....	648	..	..	..	..	..	..	..	..	24
VIII.—Diseases of skin and cellular } tissue.	97	19	2	1	1	1	24	1	..	2
IX.—Diseases of locomotory system	64	22	17	2	1	1	43	4	1	..
X.—Malformations.....	195	184	6	..	..	..	190	1	..	2
XI.—Diseases of infancy	903	896	6	3	1	..	906	1	1	..
XII.—Diseases of old age.	789	..	..	..	..	..	..	..	..	..
XIII.—External causes.....	1,390	85	57	38	33	32	245	68	18	50
<i>a.</i> Suicide.	200	..	..	..	..	..	..	..	..	16
<i>b.</i> Homicide.....	29	3	3	..	1	..	7	..	..	5
<i>c.</i> Accident.....	1,161	82	54	38	32	32	238	68	18	29
XIV.—Causes ill-defined.....	580	863	93	11	5	1	973	1	..	..
Total Females	32,676	7,003	2,229	916	593	475	11,216	989	437	690

20	25	30	35	40	45	50	55	60	65	70	75	80	85	Coloreti.
..
I	5	6	3	3	I	2	..	..	..	..	..	I	..	..
..
II	12	8	3	I	4	5	I	6	2	3	I	I	..	2
2	..	I	2	3	I	2	2	..	..	I	..	..	..	I
7	4	4	3	I	I	2	I	I	I	..	..	I	I	I
..
..	I	I	..	..	..	..	..	..	..	..	..	..	..	I
4	2	I	3	I	I	..	..	..	..	..	..	..	..	..
2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	I	..	..	..	..	..	..	..	..	..	..	..	..	..
..
..
..	..	..	I	..	I	2	..	..	I	I	..	..	..	27
..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
579	673	655	699	565	441	476	413	416	348	203	171	83	48	277
459	531	492	432	287	161	145	87	93	67	33	19	7	2	138
14	25	47	132	170	184	215	206	167	157	92	66	25	14	29
27	47	70	82	107	109	180	183	216	210	207	153	90	46	69
102	122	135	157	162	164	222	240	232	262	220	166	101	53	60
152	165	195	177	189	170	215	242	330	306	267	209	145	97	178
62	78	113	106	114	109	123	132	139	121	100	71	37	20	112
115	201	213	251	239	242	264	250	277	245	220	125	64	43	107
118	198	158	100	43	6	I	..	..	..	..	..	..	..	15
4	4	I	2	3	5	4	8	9	15	8	2	3	2	..
I	2	I	I	I	I	..	2	2	3	..	I	..	I	7
I	I	..	..	..	..	..	..	..	..	..	..	..	..	6
..	..	..	..	..	..	..	..	..	..	..	..	..	..	45
..	..	..	..	..	..	3	13	44	67	143	162	164	193	19
88	89	78	82	82	73	92	76	104	77	72	46	32	18	18
28	31	16	28	21	19	14	8	7	10	I	..	..	I	2
6	4	2	3	I	I	..	..	..	..	..	..	..	..	I
54	54	60	51	60	53	78	68	97	67	71	46	32	17	25
..	..	..	I	..	I	2	..	..	I	I	..	..	..	27
1,249	1,585	1,619	1,658	1,505	1,321	1,582	1,559	1,819	1,655	1,441	1,111	719	521	950

Total Deaths, According to Sex

	ALL AGES.	0	1	2	3	4	TOTAL UNDER 5.	5	10	15
<i>Borough of Manhattan.</i>										
Males.....	20,831	4,660	1,421	536	353	251	7,221	547	223	370
Females.....	17,676	3,869	1,299	507	313	248	6,236	461	233	362
Total, both sexes.....	38,507	8,529	2,720	1,043	666	499	13,457	1,008	456	732
<i>Borough of Brooklyn.</i>										
Males.....	12,219	2,806	812	318	236	168	4,400	455	164	245
Females.....	11,052	2,131	721	298	204	172	3,726	405	141	237
Total, both sexes.....	23,271	5,197	1,533	616	440	340	8,126	860	305	482
<i>Borough of The Bronx.</i>										
Males.....	2,739	440	110	77	47	39	713	64	48	58
Females.....	2,058	379	117	65	44	31	639	69	37	46
Total, both sexes.....	4,797	819	227	142	91	73	1,352	133	85	104
<i>Borough of Queens.</i>										
Males.....	1,469	339	86	31	10	12	478	55	22	27
Females.....	1,331	311	60	35	23	13	442	50	20	35
Total, both sexes.....	2,800	650	146	66	33	25	920	85	42	62
<i>Borough of Richmond.</i>										
Males.....	786	159	31	21	9	8	228	20	10	12
Females.....	539	113	32	11	9	8	173	24	6	10
Total, both sexes.....	1,345	272	63	32	18	16	401	44	16	22

and Age, by Boroughs, Year 1901.

20	25	30	35	40	45	50	55	60	65	70	75	80	85	COL- ORED.
730	1,075	1,336	1,398	1,337	1,154	1,210	1,040	1,014	773	625	394	252	132	588
691	927	834	965	838	753	895	848	944	823	738	5-8	310	230	519
1,421	1,982	2,220	2,363	2,175	1,907	2,105	1,883	1,955	1,596	1,363	922	592	362	1,107
429	587	654	654	710	567	579	602	603	526	436	312	187	109	231
413	492	517	521	493	423	506	512	664	603	491	440	277	191	288
842	1,079	1,171	1,175	1,203	990	1,085	1,114	1,267	1,129	927	752	464	300	519
117	192	221	220	224	154	149	114	117	118	80	81	58	21	112
86	118	128	110	99	64	95	102	102	109	94	62	52	46	87
203	310	349	330	323	218	244	216	219	217	174	143	110	67	199
45	74	76	81	84	89	69	85	72	69	59	42	24	18	25
49	51	62	48	57	61	57	68	70	83	76	52	36	34	46
94	125	138	129	141	150	126	153	142	152	135	94	60	52	71
25	24	30	49	40	38	33	44	49	47	50	45	31	10	21
10	17	28	14	18	20	29	29	39	37	42	29	14	20	10
36	41	53	63	58	58	62	73	88	84	92	74	45	30	31

CAUSE OF DEATH.	BOROUGH OF									
	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
Total, all causes.....	3,729	2,916	3,533	3,316	3,006	2,872	4,068	3,223	3,024	2,829
1. Typhoid fever	40	18	20	19	16	13	30	36	57	58
3. Malarial fevers.....	1	3	2	4	1	2	3	7	13	4
4. Small-pox	1	4	1	1	5	6	8	3	..	1
5. Measles	5	3	13	14	21	21	36	10	8	11
6. Scarlet fever.....	45	48	87	99	88	60	41	18	7	11
7. Whooping-cough.	10	12	13	11	12	8	11	21	12	13
8. Diphtheria and croup.....	114	90	126	125	116	105	64	48	49	74
9. Influenza.....	219	91	76	35	11	7	..	1	4	4
12. Other epidemic diseases.....	8	19	14	20	27	25	32	44	18	14
13. Tuberculosis of the lungs.....	415	349	382	388	334	329	311	319	322	326
14. Tubercular meningitis.....	33	42	50	59	61	39	50	34	37	29
15. Other forms of tuberculosis.....	34	19	24	15	23	23	27	31	30	23
16. Cancer, malignant tumors	143	99	130	114	130	133	134	100	104	109
17. Meningitis, simple	59	59	84	71	71	54	64	72	47	47
18. Hæmorrhage, congestion and } softening of the brain..... }	123	87	125	119	125	96	111	68	71	101
19. Organic heart diseases.....	216	247	288	252	261	240	165	159	188	185
20. Acute bronchitis	103	94	102	96	67	48	26	42	41	63
21. Chronic bronchitis.....	38	25	34	16	11	8	12	14	12	15
22. Pneumonia.	529	295	480	359	316	195	141	152	136	211
22a. Broncho-pneumonia	175	149	183	198	145	116	97	68	120	144
23. Diseases of the stomach (can- } cer excepted)	29	25	26	26	15	17	19	21	27	20
24. Diarrhœas (under 2 years).....	72	78	79	85	78	138	650	774	551	208
25. Hernia, intestinal obstruction....	24	16	21	19	32	14	18	25	20	18
26. Cirrhosis of liver.....	44	42	33	41	44	44	37	31	39	34
27. Bright's disease and nephritis....	317	251	282	288	219	211	225	158	223	263
28. Diseases of women (not cancer)...	15	15	12	23	16	22	14	10	14	13
29. Puerperal septicæmia.....	8	15	21	20	10	8	8	4	8	8
30. Other puerperal diseases.....	33	25	24	15	13	19	18	17	26	16
31. Congenital debility and mal- } formations	130	112	101	98	84	110	97	122	86	129
32. Old age.....	88	55	61	49	50	32	59	47	45	51
33. Violent deaths.....	184	140	148	141	163	241	973	234	182	163
a. Sunstroke.....	..	..	..	..	1	46	768	23	..	..
b. Other accidents.....	130	103	105	106	124	145	152	166	141	136
c. Homicide.....	10	5	4	6	7	10	14	5	2	4
d. Suicide.....	44	32	39	29	31	40	39	40	39	23

* Actual mortality.

Causes of Death during the Year 1901.

MANHATTAN.			BOROUGH OF THE BRONX.												
Nov.	Dec.	Total.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
2,785	3,206	38,507	433	371	447	394	374	383	493	424	372	373	309	424	4,797
36	37	380	1	1	1	3	2	1	1	4	7	6	3	2	32
5	4	49	2	2	..	1	1	4	2	4	10	9	3	6	44
..	1	31	8	23	36	37	57	65	72	30	9	10	7	9	368
25	60	227	2	4	..	2	..	..	..	1	..	..	1	35	45
28	28	560	10	13	15	7	12	4	2	1	1	1	5	4	75
14	14	151	..	..	1	..	..	..	2	2	1	..	..	2	8
91	115	1,117	16	9	10	12	7	12	6	7	10	4	6	11	110
7	14	469	28	11	2	2	..	..	..	..	..	..	..	1	44
5	12	238	1	2	1	1	..	..	4	8	4	..	1	1	23
325	296	4,096	114	91	110	89	101	92	99	91	76	102	87	85	1,137
22	17	473	2	3	3	2	2	6	1	3	4	1	3	2	32
19	23	291	1	1	3	1	3	..	2	4	1	2	..	2	20
113	126	1,435	6	15	12	10	10	14	13	11	13	16	9	11	140
38	55	721	10	2	10	4	8	11	10	8	6	2	4	1	76
104	127	1,237	16	16	20	18	16	12	12	16	21	15	15	21	197
210	259	2,670	20	18	23	19	13	15	9	26	15	16	30	22	226
72	127	881	9	3	13	3	2	1	1	1	3	5	2	5	53
17	18	220	3	2	4	4	1	2	4	2	2	3	4	4	35
284	416	3,514	67	30	53	38	23	16	5	10	9	20	19	43	338
187	225	1,807	19	19	8	17	11	9	2	1	2	16	8	21	133
18	25	268	3	1	6	2	1	2	..	..	1	1	2	1	20
85	73	2,911	2	2	4	6	6	7	61	71	44	15	6	5	229
25	30	262	2	3	2	2	2	..	3	2	2	2	3	4	27
45	50	484	1	1	6	3	2	3	5	5	1	3	..	1	31
289	290	3,016	24	22	22	22	14	19	18	21	24	29	24	36	275
13	13	180	..	2	1	..	..	..	..	..	1	..	..	..	4
16	18	144	3	1	1	2	..	..	1	..	..	3	..	..	11
10	15	231	1	..	1	3	..	1	1	..	3	1	2	2	15
118	117	1,304	11	12	15	12	14	15	17	9	14	8	10	11	148
50	34	621	8	3	8	5	5	7	5	5	11	8	6	10	81
157	146	2,872	11	14	13	17	17	19	81	18	14	20	18	17	259
..	..	838	..	..	..	..	..	1	58	1	..	..	..	..	60
121	105	1,534	8	12	10	11	13	11	19	15	11	10	13	14	147
5	4	76	..	..	..	..	..	1	2	1	..	2	..	..	6
31	37	424	3	2	3	6	4	6	2	1	3	8	5	3	46

CAUSE OF DEATH.	BOROUGH OF									
	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
34. Other causes.....	402	333	407	419	381	382	415	350	365	338
35. Ill-defined causes.....	72	56	84	77	80	106	132	183	162	125
Under one year.....	580	564	645	639	535	605	1,175	1,167	883	641
One year and under two years.....	153	146	240	255	229	161	283	293	298	193
Total under five years.....	920	884	1,153	1,123	1,011	975	1,626	1,591	1,309	671
Sixty-five years and over.....	623	405	454	431	364	340	478	294	299	229
Males.....	1,991	1,573	1,922	1,806	1,629	1,563	2,197	1,804	1,634	1,535
Females.....	1,738	1,344	1,610	1,510	1,377	1,309	1,371	1,419	1,390	1,294
Colored.....	115	80	87	70	95	103	129	51	77	87

*Table of Mortality from the Principal

CAUSE OF DEATH.	BOROUGH OF									
	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
Total, all causes.....	2,143	1,871	2,087	1,907	1,714	1,771	2,628	2,158	1,909	1,650
1. Typhoid fever.....	17	18	17	21	8	11	19	30	31	38
3. Malarial fevers.....	4	5	3	3	4	8	6	8	10	6
4. Small-pox.....	1	..	..	2	2	..	..	2	1	..
5. Measles.....	2	16	15	16	17	24	21	22	5	6
6. Scarlet fever.....	22	40	53	77	87	73	45	21	13	19
7. Whooping-cough.....	7	6	5	13	6	11	8	12	12	13
8. Diphtheria and croup.....	58	57	81	69	65	69	25	31	38	49
9. Influenza.....	130	83	28	26	8	2	..	..	..	4
12. Other epidemic diseases.....	8	9	10	13	12	14	42	69	50	24
13. Tuberculosis of the lungs.....	241	219	250	245	194	197	190	183	185	178
14. Tubercular meningitis.....	8	22	18	26	18	24	18	19	26	13
15. Other forms of tuberculosis.....	15	14	15	8	16	12	16	14	16	11
16. Cancer, malignant tumors.....	57	51	68	73	64	61	60	55	54	60
17. Meningitis simple.....	27	22	34	28	32	30	37	30	26	16
18. Hæmorrhage, congestion and softening of the brain.....	110	80	96	94	84	68	72	61	63	55
19. Organic heart diseases.....	116	127	115	106	130	119	113	112	103	112
20. Acute bronchitis.....	100	63	80	66	53	40	24	30	41	39

* Actual mortality.

MANHATTAN.			BOROUGH OF THE BRONX.												
Nov.	Dec.	Total.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
295	342	4,429	24	32	36	40	30	27	28	40	34	33	21	29	412
52	79	1,218	8	8	7	5	9	9	16	23	29	17	7	11	140
5.1	594	8,529	51	59	66	62	54	53	117	108	93	54	40	57	819
191	278	2,720	14	18	14	12	14	14	40	35	20	17	7	21	227
824	1,070	13,457	97	107	103	107	97	96	137	167	127	63	64	111	1,352
397	391	4,835	80	52	61	56	50	45	48	45	68	52	53	61	711
1,505	1,672	20,831	224	200	214	212	220	227	236	236	206	222	169	213	2,739
1,280	1,514	17,676	209	171	183	162	154	156	207	183	166	151	140	171	2,058
81	92	1,107	14	9	22	19	15	17	19	19	22	14	16	13	190

Causes of Death during the Year 1901.

BROOKLYN.			BOROUGH OF QUEENS.												
Nov.	Dec.	Total.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1,674	1,754	21,271	260	227	203	207	202	192	342	302	248	233	105	183	2,200
31	31	272	1	1	1	4	..	3	3	4	2	5	3	..	27
6	6	67	2	..	..	1	2	3	3	5	3	8	1	3	31
..	1	9	..	..	..	..	2	..	..	..	..	..	..	..	2
10	8	162	..	..	..	..	1	..	..	..	..	..	2	1	4
25	20	495	1	2	2	2	4	4	4	2	1	..	1	..	23
8	9	110	2	..	..	..	2	1	1	2	2	2	1	3	16
80	70	732	6	4	3	4	5	4	5	2	5	9	12	11	70
5	11	297	17	9	8	4	1	..	..	..	..	..	1	2	42
9	3	263	2	1	1	..	1	..	1	12	5	6	1	..	50
193	203	2,479	31	29	27	26	21	25	24	32	26	20	22	11	294
12	13	217	..	1	3	2	3	1	..	1	1	..	1	2	15
15	12	164	2	1	4	..	1	5	3	2	1	..	2	2	23
78	79	760	5	9	..	7	4	4	7	3	3	11	11	4	68
15	17	314	2	5	3	1	7	2	3	..	4	1	1	..	29
88	96	967	15	11	12	19	10	7	16	16	16	9	9	6	146
132	148	1,433	11	12	17	17	22	10	15	16	10	17	18	14	179
55	70	670	13	6	10	5	5	1	1	5	5	2	7	9	69

BOROUGH OF

CAUSE OF DEATH.

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
21. Chronic bronchitis	25	15	14	27	16	16	9	13	14	15
22. Pneumonia.....	381	254	209	234	168	142	87	83	94	129
22a. Broncho-pneumonia.....	66	68	85	51	45	33	34	26	26	26
23. Diseases of the stomach (cancer excepted).....	13	13	17	17	14	17	8	8	25	21
24. Diarrhoeas under 2 years	28	42	39	26	51	112	702	563	404	164
25. Hernia, intestinal obstruction....	14	21	10	21	15	11	20	10	6	11
26. Cirrhosis of liver.....	15	15	27	18	13	29	12	26	16	18
27. Bright's disease and nephritis...	167	178	204	182	148	175	150	150	125	143
28. Diseases of women (not cancer).	4	10	14	13	14	13	10	9	3	6
29. Puerperal septicæmia.....	6	15	10	11	10	5	3	2	4	2
30. Other puerperal diseases.....	11	9	12	9	7	18	11	15	12	10
31. Congenital debility and mal- formations.....	74	82	85	75	68	65	77	54	48	58
32. Old age.....	54	37	44	29	26	32	37	31	26	28
33. Violent deaths.....	66	59	59	67	54	94	411	75	66	72
a. Sunstroke.....	..	..	..	..	..	21	300	8	2	..
b. Other accidents	45	46	41	55	58	59	87	53	47	58
c. Homicide	2	1	2	2	2	3	2	1	3	3
d. Suicide	19	12	16	10	24	11	22	13	14	11
34. Other causes.....	209	185	236	200	187	203	256	285	239	208
35. Ill-defined causes.....	52	38	24	41	48	41	105	109	126	96
Under one year.....	333	304	368	351	307	327	934	683	640	396
One year and under two years.....	100	90	117	112	107	107	193	205	201	111
Total under five years.....	556	499	618	583	549	569	1,247	1,081	892	584
Sixty-five years and over.....	463	321	357	303	246	255	366	248	223	237
Males.....	1,129	972	1,061	1,002	923	927	1,343	1,140	1,008	607
Females.....	1,019	899	1,026	905	791	844	1,285	1,018	901	743
Colored.....	49	45	32	50	49	34	62	45	47	38

BROOKLYN.

BOROUGH OF QUEENS.

Nov.	Dec.	Total.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
11	9	184	..	3	1	..	5	3	1	1	2	..	1	3	20
194	255	2,330	53	34	26	30	15	11	3	14	7	12	21	21	247
44	57	561	22	13	6	12	7	1	2	..	2	4	5	4	78
14	7	174	3	4	2	..	3	1	2	1	..	..	1	3	20
59	31	2,221	3	..	6	6	1	6	58	84	51	24	6	3	283
10	10	159	3	..	1	1	1	3	3	1	..	3	1	4	21
26	15	230	4	3	4	3	1	4	2	3	2	5	2	2	35
133	142	1,897	15	23	15	11	13	17	19	16	22	17	22	20	210
10	5	111	..	1	1	..	..	..	..	..	1	..	..	1	4
3	2	73	1	2	..	2	2	1	1	..	..	1	1	1	12
10	16	140	1	1	1	1	2	3	2	2	..	..	2	1	16
45	56	789	4	4	10	4	5	2	10	10	18	12	7	10	96
40	34	418	4	2	9	2	5	5	6	7	5	6	5	3	60
68	78	1,199	9	12	8	15	20	24	60	14	12	14	9	15	212
..	..	331	..	..	..	..	..	..	27	1	..	..	..	..	28
52	54	655	5	10	6	10	12	17	25	10	7	11	8	12	133
1	2	24	..	..	..	..	1	..	..	..	1	..	..	..	2
15	22	189	4	2	2	5	7	7	8	3	4	3	1	3	49
196	217	2,621	22	23	27	23	22	32	39	35	31	50	12	22	323
48	23	751	6	6	1	5	9	9	8	12	10	15	7	2	90
270	284	5,197	40	31	27	39	37	28	122	114	77	66	28	41	650
91	94	1,533	10	16	9	8	10	8	17	21	20	10	9	8	146
462	486	8,126	58	54	47	56	61	47	152	147	109	81	52	57	920
272	281	3,572	63	45	42	32	36	27	44	43	34	44	43	40	493
871	936	12,214	117	116	110	113	104	106	194	159	136	126	93	95	1,469
803	818	11,052	143	110	100	91	98	86	148	143	112	107	102	88	1,331
27	41	519	6	5	7	3	5	8	9	6	4	3	4	6	71

*Table of Mortality from the Principal

CAUSE OF DEATH.	BOROUGH OF										
	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.
Total, all causes.....	118	105	118	105	83	89	168	163	110	103	91
1. Typhoid fever.....	..	1	3	1	..	1	..	2	2	2	3
3. Malarial fevers.....	..	..	..	..	..	..	2	..	2	..	..
2. Small-pox.....	..	..	..	..	..	..	..	..	..	..	..
5. Measles.....	..	1	2	6	..	1	..	..	..	..	..
6. Scarlet fever.....	..	..	2	..	2	1	1	1	..	..	..
7. Whooping-cough.....	..	1	..	..	..	..	2	1	..	..	..
8. Diphtheria and croup.....	5	3	6	1	5	3	2	..	3	5	3
9. Influenza.....	4	..	..	..	..	..	..	..	..	..	..
12. Epidemic diseases.....	..	..	1	1	1	..	..	..	..	..	..
13. Tuberculosis of the lungs.....	12	14	10	14	8	8	15	7	7	11	12
14. Tubercular meningitis.....	..	1	..	1	..	3	..	1	2	3	1
15. Other forms of tuberculosis.....	1	..	..	..	1	1	1	..	..	1	1
16. Cancer, malignant tumors.....	5	7	6	2	5	3	6	6	6	3	4
17. Meningitis simple.....	2	2	4	3	2	2	2	1	2	2	..
18. Hæmorrhage, congestion and softening of the brain.....	3	8	4	10	2	5	7	5	4	8	4
19. Organic heart diseases.....	9	6	12	10	7	2	9	8	12	15	10
20. Acute bronchitis.....	..	1	2	1	1	2	1	..	..	..	1
21. Chronic bronchitis.....	1	1	1	2	..	..	1	..	..	..	..
22. Pneumonia.....	24	22	15	10	5	6	2	3	4	8	7
22a. Broncho-pneumonia.....	8	4	5	6	3	4	2	4	1	1	2
23. Diseases of the stomach (cancer excepted).....	..	1	3	..	3	..	3	10	..	2	..
24. Diarrhœas (under 2 years'.....	..	..	1	..	2	4	47	66	21	4	2
25. Hernia, intestinal obstruction.....	..	..	1	..	..	..	..	..	4	2	..
26. Cirrhosis of liver.....	1	..	1	1	..	..	..	..	2	1	4
27. Bright's disease and nephritis.....	7	11	13	9	10	5	10	6	7	6	14
28. Diseases of women (not cancer).....	1	..	1	..	..	..	..	..	..	..	..
29. Puerperal septicæmia.....	..	..	1	..	1	..	..	..	1	..	..
30. Other puerperal diseases.....	..	..	..	..	..	..	..	1	..	..	1
31. Congenital debility and malformations.....	5	4	5	1	1	6	6	5	2	4	4
32. Old age.....	5	7	2	5	7	3	4	6	4	3	1
33. Violent deaths.....	4	5	4	6	10	15	21	11	6	1	6
a. Sunstroke.....	..	..	..	..	..	4	12	..	..	..	..
b. Other accidents.....	4	4	4	5	7	10	8	11	6	1	4

* Actual mortality

Causes of Death during the Year 1901.

RICHMOND.		CITY OF NEW YORK.												
Dec.	Total.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
92	1,345	6,688	5,490	6,394	5,929	5,379	5,308	7,710	6,263	5,662	5,114	5,054	5,659	70,720
1	16	59	39	42	48	26	29	53	76	59	109	76	71	727
..	4	0	8	5	9	8	17	16	24	38	27	15	19	195
..	..	10	32	37	40	65	71	80	35	10	11	7	11	410
1	11	9	24	30	38	39	46	57	33	13	17	38	105	449
2	9	78	103	159	185	193	142	93	43	23	31	59	54	1,152
..	4	19	19	19	24	20	20	24	33	27	23	23	23	289
3	39	239	163	226	211	198	193	102	88	105	141	192	210	2,063
..	4	398	194	114	67	20	9	..	1	4	8	13	23	856
..	3	19	31	27	35	41	39	79	133	77	44	16	16	557
11	129	813	702	779	762	658	651	639	632	617	637	639	606	8,135
1	13	43	69	74	90	84	73	69	58	70	46	39	35	750
..	6	53	35	46	24	44	41	49	51	48	37	37	29	504
7	60	216	181	216	206	213	215	220	175	180	193	215	277	2,493
1	23	100	90	135	107	120	95	116	111	85	68	58	74	1,163
7	07	267	202	257	260	217	188	218	166	175	188	220	256	2,614
12	118	372	410	455	404	443	392	311	321	323	345	400	455	4,626
1	10	225	167	216	176	128	92	53	73	90	109	137	212	1,683
4	10	67	46	54	49	33	29	27	30	30	33	33	38	469
12	118	1,054	635	883	671	522	370	238	262	250	380	525	747	6,547
2	42	290	253	287	254	211	163	137	99	151	191	246	309	2,521
..	27	48	44	54	45	36	37	37	40	53	44	35	35	509
..	147	105	122	129	123	138	267	1,538	1,558	1,071	415	158	112	5,796
2	9	43	40	35	43	50	28	44	38	52	35	39	50	478
2	12	65	61	71	63	60	80	56	65	60	61	77	70	792
4	102	530	425	536	512	404	427	422	351	401	453	482	492	5,500
..	2	20	28	29	36	30	35	24	19	19	19	23	19	301
1	4	18	33	33	35	23	14	13	6	13	14	20	22	244
..	2	46	35	38	28	22	41	33	34	41	27	25	31	404
2	45	226	216	208	193	176	205	206	203	160	216	185	188	2,382
4	51	159	104	124	90	93	79	111	96	92	95	102	85	1,231
5	94	274	230	232	246	294	393	1,546	352	280	270	258	261	4,635
..	16	..	..	..	..	1	51	885	325	8	2	..	..	1,273
5	69	192	175	156	187	214	242	291	255	212	216	198	190	2,538

CAUSE OF DEATH.	BOROUGH OF										
	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.
<i>c.</i> Homicide.....	..	1	..	..	1	1	1	..	..	..	..
<i>d.</i> Suicidæ.....	..	..	..	1	2	..	..	..	..	..	2
34. Other causes.....	20	5	13	14	5	3	17	20	13	14	10
35. Ill-defined causes. ....	..	..	..	1	3	5	..	..	5	6	..
Under one year.....	12	13	15	14	8	17	56	82	25	13	10
One year and under two years.....	..	1	5	4	2	5	10	14	10	8	3
Total under five years.....	16	18	30	22	17	28	72	99	39	28	17
Sixty-five years and over.....	35	37	31	20	28	15	32	21	26	26	27
Males.....	64	55	64	59	53	55	92	108	63	54	58
Females.....	54	50	54	46	30	34	76	55	47	49	33
Colored.....	3	2	6	3	2	1	5	3	1	2	1

RICHMOND.

CITY OF NEW YORK.

Dec.	Total.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
..	4	12	7	6	8	11	15	19	7	6	9	6	6	112
..	5	70	48	60	51	68	64	71	57	60	45	54	65	713
7	141	676	580	727	693	620	653	777	720	689	620	537	635	7,927
..	20	138	109	117	129	149	170	262	327	332	259	125	115	2,232
7	272	1,017	971	1,121	1,105	941	1,035	2,404	2,154	1,718	1,170	849	983	15,463
1	63	277	271	385	391	362	295	548	569	549	339	301	402	4,689
15	401	1,648	1,562	1,957	1,891	1,734	1,715	3,284	3,085	2,476	1,747	1,419	1,739	24,257
27	325	1,294	860	965	842	724	682	968	651	650	688	792	820	9,936
61	706	3,525	2,916	3,421	3,212	2,929	2,878	4,112	3,447	3,047	2,844	2,696	3,017	36,044
31	559	3,163	2,574	2,973	2,717	2,450	2,429	3,587	2,823	2,616	2,344	2,358	2,642	32,676
2	31	137	141	154	145	166	163	224	164	151	149	129	134	1,927

Actual Number of Deaths from Zymotic and Certain

BOROUGH OF

WARDS.	AREA IN ACRES.	POPULA- TION BY U. S. CENSUS OF 1900.	Number of Persons to the Acre.	Cerebro-spinal Meningitis.	Diphtheria and Group.	Typhoid Fever.
First.....	154.0	9,516	61.8	1	5	7
Second.....	81.0	1,488	18.4	..	1	..
Third.....	95.0	1,797	18.9	..	1	3
Fourth.....	83.0	19,554	235.6	3	20	6
Fifth.....	168.0	8,298	49.4	4	6	2
Sixth.....	86.0	20,004	233.6	3	10	1
Seventh.....	198.0	89,237	450.7	9	47	11
Eighth.....	183.0	27,059	158.8	8	12	5
Ninth.....	322.0	59,650	185.2	5	25	23
Tenth.....	110.0	71,879	653.4	2	43	1
Eleventh.....	196.0	99,144	505.8	5	59	13
Twelfth.....	5,504.0	476,602	86.6	49	255	92
Thirteenth.....	107.0	64,117	599.2	3	40	5
Fourteenth.....	96.0	34,035	354.5	2	23	2
Fifteenth.....	198.0	24,066	121.5	..	7	3
Sixteenth.....	349.0	52,808	151.3	7	32	16
Seventeenth.....	331.0	130,796	395.1	11	75	21
Eighteenth.....	450.0	61,325	136.3	7	80	18
Nineteenth.....	1,431.0	257,442	179.8	18	167	52
Twentieth.....	444.0	89,798	202.2	10	86	17
Twenty-first.....	411.0	60,211	146.5	5	24	29
Twenty-second.....	1,520.0	189,261	123.8	21	89	53
Total.....	12,576.0	1,850,093	147.1	173	1,117	380

BOROUGH OF

Twenty-third.....	4,267.0	132,413	31.0	19	91	21
Twenty-fourth.....	22,255.8	68,094	3.1	9	13	11
Total.....	26,522.8	200,507	7.6	28	110	32

Other Preventable Diseases, by Wards.

MANHATTAN.

Malarial Fevers.	Measles.	Scarlet Fever.	Small-pox.	Whooping Cough.	Diarrheal Diseases.	Pulmonary Tuberculosis.	All Causes.	Deaths in Institutions.	All Causes, with Deaths in Institutions Redistributed.	Deaths of Children under 5 Years.
..	2	1	..	2	32	34	344	2	377	90
..	..	..	..	..	..	1	24	..	26	1
..	..	1	..	..	1	4	65	..	70	8
1	6	4	..	..	63	76	710	..	773	280
..	4	5	1	1	22	36	365	274	317	96
4	5	3	..	..	56	94	562	..	613	203
1	8	31	..	6	178	122	1,444	372	1,516	636
1	4	7	1	..	78	77	709	..	775	293
3	5	27	1	4	111	214	1,743	352	1,728	479
..	7	22	..	7	134	123	1,048	..	1,145	422
2	8	32	..	7	144	120	1,300	193	1,401	643
15	35	140	20	39	643	810	8,500	1,989	8,544	2,674
..	10	27	..	2	110	65	872	..	951	463
1	13	11	1	2	131	79	948	..	1,035	564
..	2	9	..	..	27	60	404	7	436	134
1	1	12	..	6	88	155	1,296	35	1,359	332
..	17	40	1	12	277	282	2,698	100	2,914	1,095
3	9	25	1	7	109	184	1,345	1,137	1,483	472
4	56	75	5	21	517	588	5,954	3,672	4,923	2,159
4	8	29	..	12	154	296	2,187	106	2,375	644
1	10	22	..	3	101	215	1,705	2,020	1,541	395
7	17	37	..	19	348	461	4,084	701	4,190	1,306
49	227	560	31	151	3,310	4,096	38,507	10,960	38,507	13,457

THE BRONX.

13	42	63	366	4	180	813	3,262	1,326	....	1,007
31	3	12	2	4	92	324	1,535	479	....	345
44	45	75	368	8	272	1,137	4,797	1,805	....	1,352

WARDS.	AREA IN ACRES.	POPULATION BY U. S. CENSUS OF 1900.	Number of Persons to the Acre.	Cerebro-spinal Meningitis.	Diphtheria and Group.
First.....	233.0	20,327	87.2	..	7
Second.....	97.7	8,565	87.7	1	5
Third.....	161.4	17,949	111.2	..	6
Fourth.....	111.3	12,568	112.9	..	4
Fifth.....	119.4	18,862	158.0	..	25
Sixth.....	302.9	42,485	140.2	2	37
Seventh.....	453.5	49,471	68.3	3	18
Eighth.....	1,843.2	52,414	28.4	1	33
Ninth.....	623.6	42,876	68.8	1	18
Tenth.....	318.7	39,100	122.7	2	23
Eleventh.....	252.6	22,603	89.5	..	11
Twelfth.....	663.1	39,354	45.8	2	25
Thirteenth.....	230.3	24,929	104.3	1	7
Fourteenth.....	282.6	31,483	111.4	1	26
Fifteenth.....	244.8	30,269	123.6	4	35
Sixteenth.....	244.8	56,550	231.0	2	47
Seventeenth.....	823.3	57,309	69.6	3	37
Eighteenth.....	873.0	25,733	28.8	..	32
Nineteenth.....	413.8	37,645	91.0	4	19
Twentieth.....	461.5	25,446	55.1	1	10
Twenty-first.....	483.2	58,957	122.0	3	28
Twenty-second.....	1,361.6	66,575	48.9	1	37
Twenty-third.....	736.0	61,813	84.0	4	17
Twenty-fourth.....	1,193.5	31,767	26.7	4	12
Twenty-fifth.....	567.8	48,338	85.1	5	22
Twenty-sixth.....	3,590.2	66,086	18.4	2	39
Twenty-seventh.....	400.7	43,961	109.7	1	36
Twenty-eighth.....	884.4	77,912	88.1	6	53
Twenty-ninth.....	3,800.0	27,188	7.2	1	47
Thirtieth.....	5,404.1	24,700	4.6	1	14
Thirty-first.....	6,312.3	14,609	2.3	..	2
Thirty-second.....	5,479.5	8,243	1.5	1	..
Total.....	38,977.8	1,166,582	29.9	57	732

BROOKLYN.

Typhoid Fever.	Malarial Fevers.	Measles.	Scarlet Fever.	Small-pox.	Whooping Cough.	Diarrhæal Diseases.	Phthisis.	All Causes.	Deaths in Institutions.	Deaths of Children under 5 Years.
6	3	3	4	..	3	39	23	378	42	130
1	2	..	3	..	2	33	14	189	..	85
3	..	1	5	..	1	24	26	305	28	96
..	..	1	3	..	..	25	29	209	1	65
..	1	3	5	..	1	80	30	429	..	212
30	1	3	12	..	2	94	255	1,354	582	319
10	2	5	15	1	3	56	75	660	13	211
8	..	1	17	1	6	108	86	893	74	349
16	8	1	9	..	4	94	61	814	77	260
5	1	3	12	..	2	154	86	876	2	364
12	3	..	3	..	3	52	42	632	231	179
4	1	..	4	..	3	87	73	646	..	238
6	4	3	7	..	3	62	43	496	120	138
5	1	5	37	3	3	138	59	750	1	406
3	..	6	36	1	7	96	53	660	1	239
5	2	4	36	2	4	124	65	870	3	417
5	3	7	27	..	11	161	88	1,036	1	441
20	3	9	3	..	4	107	122	868	325	303
6	3	3	12	..	6	57	55	579	..	206
5	..	..	3	..	2	37	50	437	8	117
11	2	4	22	..	6	107	90	956	3	350
17	4	..	11	1	2	136	96	1,171	206	368
20	3	..	15	..	2	67	81	987	145	233
16	3	4	11	..	2	70	195	863	402	196
11	..	2	7	..	7	76	85	733	31	232
12	5	7	9	..	7	139	64	955	19	423
4	3	7	14	..	3	138	68	768	39	341
9	2	7	35	..	5	125	122	1,243	134	427
13	4	72	112	..	2	105	303	1,721	1,426	418
8	1	..	6	..	1	65	23	431	40	151
1	2	1	..	..	1	35	8	204	14	86
..	..	..	..	..	2	18	8	98	..	36
272	67	162	495	9	110	2,709	2,479	23,271	3,762	8,126

BOROUGH OF

WARDS.	AREA IN ACRES.	POPULA- TION BY U. S. CENSUS OF 1900.	Number of Persons to the Acre.	Cerebro-spinal Meningitis.	Diphtheria and Group.
First.....	4,650	48,272	10.4	3	34
Second.....	14,700	40,903	2.8	3	17
Third.....	22,000	25,870	1.2	2	11
Fourth.....	36,600	30,761	.8	..	8
Fifth.....	3,770	7,193	1.9	..	..
Total.....	81,720	152,999	1.9	8	70

BOROUGH OF

WARDS.	AREA IN ACRES.	POPULA- TION BY U. S. CENSUS OF 1900.	Number of Persons to the Acre.	Cerebro-spinal Meningitis.	Diphtheria and Group.
First.....	3,340	21,441	6.4	1	15
Second.....	4,130	13,200	3.2	..	10
Third.....	10,050	13,701	1.4	..	6
Fourth.....	8,180	9,516	1.2	..	7
Fifth.....	10,900	9,163	.8	..	1
Total.....	36,600	67,021	1.8	1	39

QUEENS.

Typhoid Fever.	Malarial Fevers.	Measles.	Scarlet Fever.	Small-pox.	Whooping Cough.	Diarrhoeal Diseases.	Phthisis.	All Causes.	Deaths in Institutions.	Deaths of Children under 5 Years.
11	8	..	7	1	6	112	136	958	179	296
1	13	3	8	1	3	94	61	766	11	301
6	5	1	3	..	2	34	45	438	69	122
6	4	..	5	..	4	63	45	520	31	164
3	1	..	..	..	1	24	7	118	5	37
27	31	4	23	2	16	327	294	2,200	295	920

RICHMOND.

Typhoid Fever.	Malarial Fevers.	Measles.	Scarlet Fever.	Small-pox.	Whooping Cough.	Diarrhoeal Diseases.	Phthisis.	All Causes.	Deaths in Institutions.	Deaths of Children under 5 Years.
10	..	8	4	..	..	35	41	502	196	107
4	3	1	1	..	..	24	40	270	58	84
..	..	2	4	..	1	24	23	224	44	57
2	..	..	..	..	2	73	21	212	81	111
..	1	..	..	..	1	4	10	137	18	42
16	4	11	9	..	4	160	135	1,345	397	401

Deaths According to Nativity of

COUNTRY.	NATIVITY OF DECEASED.		
	BOROUGH OF—		
	Manhattan.	The Bronx.	Brooklyn.
Africa.....	3	....	2
Armenia.....	7	....	3
At Sea.....	2	....	....
Australia.....	4	2	107
Austria-Hungary.....	927	44	8
Belgium.....	12	....	....
Bermuda.....	3	....	....
Bohemia.....	218	12	....
Brazil.....	....	....	2
British America.....	233	25	129
Central America.....	....	....	....
China.....	92	3	7
Corsica.....	....	....	....
Cuba.....	30	2	12
Denmark.....	37	3	31
East Indies.....	3	....	....
England.....	718	93	565
Egypt.....	1	....	....
Fiji Islands.....	....	....	....
Finland.....	12	2	14
France.....	214	22	52
Germany.....	3,698	579	2,375
Greece.....	11	....	2
Hawaii.....	1	....	....
Holland.....	23	4	16
Honduras.....	....	....	1
Ireland.....	5,660	610	2,970
Italy.....	1,202	137	443
Japan.....	5	....	5
Malta.....	....	....	....
Mexico.....	5	....	2
Norway.....	44	12	....
Poland.....	36	3	23
Porto Rico.....	7	....	2

Deceased and Parents of Deceased.

NATIVITY OF DECEASED.			NATIVITY OF PARENTS OF DECEASED.					
BOROUGH OF—		City of New York.	BOROUGH OF—					City of New York.
Queens.	Richmond.		Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	
....	....	5	2	....	....	....	....	2
....	....	10	8	1	....	....	....	9
....	....	2	....	....	....	....	....	....
2	....	115	1	1	1	....	....	3
20	6	1,005	1,849	64	245	40	13	2,216
2	....	14	8	....	9	3	....	20
....	....	3	2	....	....	....	....	2
16	1	247	406	24	3	29	1	463
....	....	2	....	....	1	....	....	1
8	6	401	123	22	84	11	2	247
....	....	....	1	....	....	....	....	1
....	....	102	83	1	5	....	....	89
....	1	1	....	....	....	....	....	....
....	....	44	25	2	12	....	1	40
4	2	77	37	5	42	8	4	96
....	....	3	....	....	....	....	....	....
59	42	1,477	653	101	648	87	41	1,530
....	1	2	1	....	....	....	....	1
....	1	1	....	....	....	....	....	....
....	2	30	16	2	23	1	4	46
10	4	303	233	19	53	20	10	340
484	141	7,277	4,913	860	3,737	763	193	10,461
1	....	14	12	....	3	1	....	16
....	....	1	1	....	....	....	....	6
....	....	43	21	2	17	....	....	40
....	....	1	....	....	....	....	....	....
236	188	9,664	8,511	1,090	4,749	410	265	15,015
32	14	1,928	3,601	316	1,320	83	42	5,362
....	....	10	4	....	5	....	....	9
....	....	....	1	....	....	....	....	1
....	....	7	1	....	2	....	....	3
4	22	82	47	13	....	....	12	72
....	5	67	69	7	36	6	12	180
....	....	9	5	....	1	....	....	6

COUNTRY.	NATIVITY OF DECEASED.		
	BOROUGH OF—		
	Manhattan.	The Bronx.	Brooklyn.
Portugal.....	1	....	3
Roumania.....	59	3	12
Russia.....	1,079	52	250
Scandinavia.....	....	....	383
Scotland.....	249	34	211
Servia.....	1	....	1
Sicily.....	1	....	....
Spain.....	16	1	7
Sweden.....	137	40	....
Switzerland.....	97	32	41
Syria.....	8	1	....
South America.....	8	....	7
Turkey.....	6	1	....
United States.....	23,050	3,045	15,373
Unknown.....	440	22	166
Wales.....	2	4	10
Other West Indies.....	45	9	36
Mixed nationalities.....	....	....	....
Total.....	38,507	4,797	23,271

NATIVITY OF DECEASED.			NATIVITY OF PARENTS OF DECEASED.					
BOROUGH OF—		City of New York.	BOROUGH OF—					City of New York.
Queens.	Richmond.		Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	
....	...	4	2	....	2	....	....	4
....	....	74	96	2	26	....	....	124
25	4	1,410	2,266	94	695	88	19	3,162
....	....	383	....	....	597	....	....	597
25	13	532	281	41	220	36	19	599
....	....	2	....	....	1	....	....	1
....	....	1	1	....	....	....	....	1
....	....	24	13	1	9	....	....	23
9	12	198	162	64	....	11	6	243
8	4	182	94	33	52	15	5	109
....	....	9	21	1	4	1	4	31
....	1	16	2	....	....	....	....	2
....	....	7	8	1	....	....	....	9
1,809	862	44,139	6,265	969	5,827	796	356	14,213
40	12	680	5,272	471	2,125	157	242	8,267
....	....	16	2	3	16	....	....	21
....	1	91	40	4	33	....	1	78
....	....	.	3,333	583	2,616	234	83	6,859
2,800	1,345	70,720	33,507	4,797	23,271	2,800	1,345	70,720

Deaths by Suicide in

NATIVITY.	Cuts and Stabs.		Gunshots.		Hanging.		Leaps.		Drowning.		Illuminating Gas.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Austria-Hungary.....	2	..	3	..	2	2	1	2	..	..	5	2
Bohemia.....	..	..	2	..	..	..	..	..	..	..	..	..
British America.....	..	..	1	..	1	..	..	..	..	..	1	..
England.....	1	..	2	..	..	..	1	..	..	..	4	..
France.....	..	..	1	..	..	..	..	..	..	..	1	..
Germany.....	2	..	29	..	11	4	1	..	1	..	12	8
Ireland.....	1	..	1	..	..	1	1	2	..	1	3	2
Italy.....	1	..	6	..	1	1	1	..	..	..	..	..
Russia.....	..	..	1	..	1	2	1	2	..	..	1	2
Scotland.....	..	..	..	..	..	..	..	..	..	..	..	..
Other foreign countries.....	1	..	4	1	..	..	..	..	..	..	3	1
United States.....	8	2	22	2	6	6	4	3	..	..	9	13
Unknown.....	1	..	8	1	1	..	1	..	..	..	3	2
Total.....	17	2	80	4	23	16	11	9	1	1	42	30

Borough of Manhattan.

Paris Green.		Carbolic Acid.		Arsenic.		Oxalic Acid.		Bichloride of Mercury.		Morphine.		Opium.		Cyanide of Potassium.		Wood Alcohol.		Total by Sexes.		Total of Both Sexes.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1	..	4	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	9	27
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	3
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	4
..	..	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	1	11	4	15
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2
1	3	24	16	3	..	1	..	..	..	1	..	1	..	2	..	..	..	89	31	120
1	..	8	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	13	28
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	1	11
..	1	9	9	1	..	..	..	..	..	..	..	..	..	..	..	..	..	14	16	30
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	3	13
1	2	38	22	..	..	..	..	..	1	1	..	1	1	..	..	..	..	90	52	142
..	..	7	1	..	..	..	..	1	..	2	..	..	..	..	..	..	..	24	4	28
4	6	96	65	4	..	1	..	1	1	4	..	2	1	2	..	..	1	288	136	424

*Deaths by Suicide in

NATIVITY.	Cuts and Stabs.		Gunshots.		Hanging.		Leaps.		Drowning.		Illuminating Gas.		Wood Alcohol.		Arsenic.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Austria-Hungary...	2	..	6	..	3	2	1	2	..	..	6	2	..	..	..	..
Bohemia.....	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..
British America....	..	..	1	..	1	..	..	..	..	..	1	..	..	..	..	..
England.....	1	..	3	..	1	..	2	..	..	..	6	..	..	1	1	..
France.....	..	..	2	..	..	..	..	..	..	..	1	..	..	..	..	..
Germany.....	5	..	53	..	22	6	1	..	1	1	18	14	..	..	6	..
Ireland.....	4	..	1	..	2	1	1	2	..	1	4	3	..	..	1	..
Italy.....	3	..	6	..	1	1	1	..	..	..	..	..	..	..	..	..
Russia.....	..	..	1	..	2	2	1	2	..	1	1	3	..	..	1	1
Scotland.....	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1
Other foreign } countries..... }	1	..	13	1	1	..	1	..	..	..	5	1	..	..	..	..
United States.....	14	3	43	2	12	10	5	3	..	..	23	19	..	..	2	2
Unknown.....	1	..	11	1	3	..	1	..	2	..	4	2	..	..	..	..
Total.....	31	3	143	4	48	22	14	9	3	4	69	45	..	1	11	4

* The 713 suicides in The City of New York occurred in the boroughs as follows :

the City of New York.

Paris Green.		Carbolic Acid.		Oxalic Acid.		Muratic Acid.		Morphine.		Opium.		Strychnine.		Cyanide of Potassium.		Bichloride of Mercury.		Irritant Poison.		Total by Sexes.		Total of Both Sexes.		
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			
1	..	4	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23	9	32
1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1	5
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	4
..	..	4	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	6	24
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	4
2	4	42	25	1	..	1	..	1	1	..	1	..	3	..	..	..	1	1	158	52	210	210	210	
1	..	13	10	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	28	17	45
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	13	1	14
..	1	11	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	20	37
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4
..	..	5	3	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	27	5	32
2	2	64	36	..	..	..	..	2	..	3	2	2	..	..	..	..	1	2	..	..	..	174	80	254
2	..	15	1	..	..	..	..	3	..	1	..	..	..	..	..	1	..	..	..	..	..	44	4	48
9	7	159	97	1	..	1	..	6	..	5	3	2	..	5	..	1	1	4	1	512	201	713	713	

Manhattan, 424; The Bronx, 46; Brooklyn, 189; Queens, 49; Richmond, 5.

Deaths by Accident and Negligence.

	BOROUGH OF—					CITY OF NEW YORK.
	Manhat- tan.	The Bronx.	Brook- lyn.	Queens.	Rich- mond.	
Fractures and contusions—						
Crushed by machinery.....	6	..	5	..	..	11
" elevator.....	30	..	4	..	..	34
" boats, bridges, etc.....	20	..	..	..	..	20
Diving.....	1	..	..	..	..	1
Jumped from burning building.....	..	..	7	..	..	7
Struck by falling derrick....	5	..	2	..	..	7
" " stone from blast.....	..	2	..	..	..	2
" other falling bodies.....	39	7	21	2	1	70
Not defined by Coroners.....	141	6	12	1	..	160
Falls—						
From bridge.....	2	1	1	..	2	6
" window.....	64	4	33	2	1	104
" scaffold.....	12	2	6	1	..	21
" fire-escape.....	24	2	1	..	..	27
" building.....	34	3	4	1	..	42
Down areaway.....	2	..	..	..	..	2
" air-shaft.....	6	..	..	..	..	6
" stairs.....	42	4	47	2	2	97
" elevator shaft.....	13	..	4	..	..	17
" hatchway.....	5	..	2	..	..	7
On ship.....	3	..	..	..	1	4
" sidewalk.....	12	..	15	4	..	31
Others.....	46	9	41	3	3	102
Not defined by Coroners....	101	6	..	..	..	107
Street Vehicles—						
Run over by wagons, trucks, etc.....	80	5	19	2	..	106
" automobile.....	6	..	..	..	..	6
Fall from wagons, trucks, etc.....	16	3	17	6	2	44
Fall, knocked down by or thrown from bicycle.....	4	..	2	1	..	7
Burns—						
By explosion of lamp.....	6	..	12	..	1	19
Oil or gas stoves.....	2	2	2	..	..	6
In burning buildings, boats, etc.....	8	1	14	2	2	27
Other causes.....	28	3	57	2	4	94
Not defined by Coroners.....	93	6	..	1	..	100

	BOROUGH OF—					CITY OF NEW YORK.
	Manhat- tan.	The Bronx.	Brook- lyn.	Queens	Rich- mond.	
Scalds—						
Escaping steam .....	..	..	1	1	..	2
Hot fluids.....	22	..	23	2	..	47
Not specified by Coroners.....	28	..	..	..	..	28
Explosions—						
Gases.....	1	..	1	..	..	2
Steam boilers, pipes, etc.....	1	..	..	..	..	1
Explosive compounds .....	..	2	1	1	..	4
Drowning—						
In rivers, bays, etc	205	25	139	40	29	438
“ tubs, pails, etc.....	1	..	..	..	..	1
Horses—						
Kicked by	5	1	1	1	..	8
Runaways, falls, etc.....	5	3	5	2	..	15
Suffocation—						
Caving in of embankment.....	5	2	3	..	..	10
Food in larynx.....	1	..	..	..	..	1
Foreign body in larynx.....	..	..	3	1	..	4
In burning buildings.....	12	..	6	..	..	18
Overlaid in bed.....	14	2	1	3	..	20
Others.....	3	5	2	3	1	14
Not specified by Coroners.....	1	..	1	..	..	2
Killed by railroads—						
Elevated railroad	6	1	3	..	..	10
Horse cars.....	9	..	..	..	..	9
Trolley cars	49	10	55	10	4	128
Steam railroads.....	22	9	10	25	8	74
Cars not specified.....	44	4	..	..	..	48
Poisons—						
Acetic acid	1	..	..	..	..	1
Alcohol.....	1	..	..	1	2	4
Arsenic.....	..	..	1	..	..	1
Bug mixture.....	1	..	..	..	..	1
Camphor	1	..	..	..	..	1
Capsicum	1	..	..	..	..	1

	BOROUGH OF—					CITY OF NEW YORK.
	Manhat- tan.	The Bronx.	Brook- lyn.	Queens.	Rich- mond.	
Poisons—						
Carbolic acid.....	24	..	5	1	..	30
Chloral hydrate.....	..	..	1	..	..	1
Chloroform.....	4	..	3	..	..	7
Corrosive sublimate.....	1	..	..	..	..	1
Creosote.....	..	..	1	..	..	1
Cyanide of potassium.....	1	..	..	..	..	1
Ether.....	2	..	..	..	..	2
Illuminating gas.....	108	6	36	6	..	156
Irritant poison.....	..	..	2	..	..	2
Lead.....	1	..	..	..	1	2
Morphine.....	5	..	..	..	..	5
Muriatic acid.....	..	..	1	..	..	1
Opium.....	6	..	1	..	..	7
Paris green.....	2	..	..	..	..	2
Potash.....	4	..	..	..	..	4
Ptomaines.....	4	2	..	..	..	6
Sewer gas.....	1	..	..	..	..	1
Strychnine.....	3	..	..	..	..	3
Sulphuric acid.....	1	..	..	..	..	1
Trional.....	1	..	..	..	..	1
Wood alcohol.....	1	..	..	..	..	1
Wounds—						
Incised.....	4	2	1	..	..	7
Lacerated.....	..	..	5	1	..	6
Gunshot.....	15	1	3	1	3	23
Others.....	15	..	2	1	..	18
Not specified by Coroners.....	6	1	2	..	..	9
Electric current.....	7	2	2	2	1	14
Sunstroke.....	838	60	331	28	16	1,273
Criminal abortion.....	18	2	3	..	..	23
Neglect and exposure.....	3	1	3	1	1	9
Circumcision.....	3	..	..	..	..	3
Surgical operations.....	3	..	..	..	..	3

	BOROUGH OF—					CITY OF NEW YORK.
	Manhat- tan.	The Bronx.	Brook- lyn.	Queens.	Rich- mond.	
RECAPITULATION.						
Fractures and contusions.....	243	15	51	3	1	313
Falls	366	31	134	13	9	573
Vehicles	106	8	38	9	2	163
Burns and scalds.....	187	12	109	8	7	323
Explosions.....	2	2	2	1	..	7
Railroads	130	24	68	35	12	269
Drowning.....	206	25	139	40	29	439
Poison	174	8	51	8	3	244
Suffocation.....	36	9	16	7	1	69
Wounds	40	4	13	3	3	63
Horses	10	4	6	3	..	23
Criminal abortion	18	2	3	..	..	23
Sunstroke.....	838	60	331	28	16	1,273
Neglect and exposure	3	1	3	1	1	9
Surgical operations.....	3	..	..	..	..	3
Electric current.....	7	2	2	2	1	14
Circumcision.....	3	..	..	..	..	3
Total deaths from accidents and negligence.....	2,372	207	986	161	85	3,811

DEATHS IN INSTITUTIONS FOR YEAR ENDING DECEMBER 31, 1901.

Borough of Manhattan.

Almshouse	482
Babies' Hospital.....	109
Bellevue Hospital.....	1,961
Beth Israel Hospital.....	33
City Hospital.....	624
Columbus Hospital.....	19
Flower Hospital.....	162
Foundling Hospital.....	544
French Hospital.....	56
General Memorial Hospital.....	48
German Hospital.....	207
Gouverneur Hospital.....	321
Hahnemann Hospital.....	33
Harlem Hospital.....	282

Home for Aged (Little Sisters of the Poor).....	133
Home for Aged and Infirm Hebrews.....	34
House of Relief.....	257
Infants' Hospital (Randall's Island).....	193
Loomis Hospital.....	41
Manhattan State Hospital.....	507
Metropolitan Hospital.....	339
Montefiore Home.....	129
Mount Sinai Hospital.....	369
New York Hospital.....	363
New York Infant Asylum.....	50
New York Infirmary for Women and Children.....	55
Nursery and Child's Hospital.....	92
Polyclinic Hospital.....	37
Post-Graduate Hospital.....	297
Presbyterian Hospital.....	462
Randall's Island Hospital.....	56
Reception Hospital.....	79
Roosevelt Hospital.....	456
St. Francis Hospital.....	190
St. Luke's Hospital.....	390
St. Mark's Hospital.....	71
St. Vincent's Hospital.....	343
Skin and Cancer Hospital.....	9
Sloane Maternity Hospital.....	139
Trinity Hospital.....	17
Willard Parker Hospital.....	320
Woman's Hospital.....	20
Workhouse.....	75
Wright Memorial Hospital.....	153
Other Institutions.....	403
Total.....	<u>10,960</u>

Borough of The Bronx.

Catholic Protectory.....	17
Colored Home and Hospital.....	199
Fordham Hospital.....	161
Hebrew Infant Asylum.....	15
Home for Incurables.....	69
House of Nazareth.....	1
Lebanon Hospital.....	96
Odd Fellows' Home.....	17
Riverside Hospital.....	450

St. Joseph's Hospital.....	566
St. Joseph's Home.....	3
Seton Hospital.....	194
Workhouse (Branch, Hart's Island).....	7
Other Institutions.....	10
	<hr/>
Total.....	1,805
	<hr/> <hr/>

Borough of Brooklyn.

Almshouse.....	358
Brooklyn Maternity.....	14
Brooklyn Hospital.....	225
Bushwick Hospital.....	24
Eastern District Hospital.....	77
German Evangelical Home.....	29
German Hospital.....	105
Home for Aged (Little Sisters of the Poor).....	89
Home for Consumptives.....	136
House of Good Shepherd.....	10
Infants' Hospital.....	57
Kings County Hospital.....	767
Kings County Jail.....	6
Kings County Penitentiary.....	7
Kingston Avenue Hospital.....	209
Long Island College Hospital.....	169
Long Island State Hospital.....	92
Lutheran Hospital.....	11
Methodist Episcopal Hospital.....	152
Memorial Hospital.....	42
Norwegian Hospital.....	74
St. Catherine's Hospital.....	300
St. Christopher's Hospital.....	42
St. John's Hospital.....	70
St. Mary's Hospital.....	230
St. Peter's Hospital.....	406
Other Institutions.....	261
	<hr/>
Total.....	3,962
	<hr/> <hr/>

Borough of Queens.

Flushing Hospital.....	58
Coombe's Sanitarium.....	11
Jamaica Hospital.....	29
Queens County Jail.....	6

River Crest Sanitarium.....	24
St. John's Hospital (Long Island City)	149
Sanford Hall.....	6
Other Institutions	12
	<hr/>
Total.....	<u>295</u>

Borough of Richmond.

Almshouse (Richmond County).....	44
Mariners' Family Asylum	5
Mount Loretto.....	14
Nursery and Child's Hospital	12
Post Hospital (Fort Wadsworth).....	3
Quarantine Hospitals.....	6
Sailors' Snug Harbor	96
Seaside Hospital.....	71
S. R. Smith's Infirmary	98
United States Marine Hospital.....	41
Other Institutions.....	7
	<hr/>
Total.....	<u>397</u>

RECAPITULATION.

Prisons	140
Hospitals	14,192
Institutions for Insane.....	616
Institutions for Children.	933
Homes for Aged.....	533
Almshouses.....	884
Other Institutions.....	121
	<hr/>
Total.....	<u>17,419</u>

Births by Nativities of Parents.

COUNTRY.	BOROUGH OF—										CITY OF NEW YORK.	
	MANHATTAN.		THE BRONX.		BROOKLYN.		QUEENS.		RICHMOND.		Nativity of Both Parents.	Nativity of Mother Only.
	Nativity of Both Parents.	Nativity of Mother Only.	Nativity of Both Parents.	Nativity of Mother Only.	Nativity of Both Parents.	Nativity of Mother Only.	Nativity of Both Parents.	Nativity of Mother Only.	Nativity of Both Parents.	Nativity of Mother Only.		
Austro-Hungary.	5,097	809	48	29	540	122	26	14	13	..	5,724	974
Bohemia.	530	132	26	5	9	5	31	13	3	1	599	156
British America.	72	137	10	25	59	108	5	5	3	5	149	280
England.	231	584	25	51	156	285	28	31	27	16	467	967
France.	88	100	5	9	10	24	29	17	5	4	137	154
Germany.	3,098	1,001	490	204	2,163	616	362	150	133	31	6,246	2,002
Ireland.	3,864	1,677	233	125	1,032	582	118	88	94	63	5,341	2,535
Italy.	7,619	79	335	5	2,891	18	216	7	69	5	11,130	114
Russia and Poland.	7,540	518	143	24	1,764	87	61	6	42	5	9,550	640
Scotland.	100	124	13	12	99	96	20	21	14	3	246	256
Sweden.	314	141	58	15	401	111	9	2	23	4	805	273
Switzerland.	35	71	6	13	11	21	7	12	6	1	65	118
United States.	10,980	3,781	1,577	462	8,224	2,125	1,443	366	659	137	22,883	6,873
Other Foreign.	985	273	48	22	510	112	16	22	43	4	1,602	433
Unknown.	10	..	1	4	1	..	..	..	..	..	12	4
Total.	40,563	9,427	3,018	1,005	17,870	4,312	2,371	756	1,134	279	64,956	15,779

Table of Births in City of New York

MONTH.	TOTAL.	WHITE.		COLORED.	
		Male.	Female.	Male.	Female.
January.....	7,516	3,814	3,586	57	59
February.....	6,631	3,310	3,207	57	57
March.....	6,834	3,482	3,235	55	62
April.....	6,400	3,194	3,096	60	50
May.....	6,312	3,104	3,076	66	66
June.....	5,657	2,822	2,732	51	52
July.....	7,203	3,578	3,492	79	54
August.....	7,151	3,543	3,491	54	63
September.....	6,484	3,264	3,136	42	42
October.....	6,487	3,246	3,156	43	42
November.....	6,571	3,341	3,109	67	54
December.....	7,489	3,700	3,663	67	59
Total.....	80,735	40,398	38,979	698	660

Table of Marriages in City of New York

MONTH.	TOTAL.	WHITE.	
		Male.	Female.
January.....	2,956	2,872	2,873
February.....	2,566	2,529	2,530
March.....	2,371	2,305	2,309
April.....	2,769	2,683	2,685
May.....	2,474	2,390	2,390
June.....	3,448	3,376	3,379
July.....	2,424	2,350	2,352
August.....	2,334	2,280	2,282
September.....	2,588	2,511	2,512
October.....	3,310	3,215	3,216
November.....	3,144	3,049	3,046
December.....	3,043	2,930	2,929
Total.....	31,447	32,490	32,503

for Year ending December 31, 1901.

NATIVITY OF PARENTS.								BIRTHS REPORTED BY		APPARENTLY ILLEGITIMATE.	Twins.	Triplets.
NATIVE.		FOREIGN.		MIXED.		NOT STATED.		Physicians.	Mid-wives.			
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.					
1,026	954	2,310	2,161	493	498	42	32	3,769	3,747	118	52	..
996	952	1,836	1,841	497	455	38	35	3,431	3,200	123	52	..
990	900	2,034	1,850	481	472	32	35	3,549	3,255	118	56	..
973	916	1,835	1,700	419	433	27	37	3,305	3,095	110	42	..
895	932	1,836	1,770	402	468	27	32	3,131	3,181	121	43	..
792	758	1,524	1,623	429	375	28	28	2,923	2,734	111	54	..
1,033	1,041	1,978	1,938	558	495	33	22	3,721	3,482	107	72	..
1,027	1,055	2,036	1,940	542	547	12	12	4,306	2,845	103	49	2
890	849	1,934	1,816	451	445	31	38	3,275	3,209	95	36	..
921	899	1,878	1,828	457	450	33	21	3,333	3,104	124	56	..
979	933	1,916	1,773	429	433	24	24	3,148	3,123	77	49	1
1,078	1,039	2,155	2,127	505	522	29	34	4,010	3,179	91	50	..
11,555	11,228	23,372	22,517	5,103	5,514	366	350	42,025	38,710	1,293	611	3

for Year ending December 31, 1901.

COLORED.		SINGLE.		WIDOWED.		NATIVE.		FOREIGN.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
84	83	2,633	2,665	323	291	1,291	1,374	1,665	1,582
57	56	2,286	2,350	300	236	1,181	1,292	1,405	1,234
66	62	2,100	2,149	271	222	992	1,075	1,379	1,296
85	84	2,173	2,509	291	260	1,131	1,482	1,338	1,287
84	84	2,171	2,192	303	282	1,132	1,228	1,342	1,245
72	69	2,097	3,180	351	263	1,733	1,820	1,715	1,628
74	72	2,134	2,157	250	267	1,289	1,333	1,135	1,091
54	52	2,941	2,105	293	229	1,024	1,097	1,310	1,237
77	75	2,318	2,348	270	240	1,262	1,346	1,326	1,242
95	94	2,741	2,975	369	334	1,607	1,749	1,703	1,561
95	98	2,801	2,858	313	286	1,468	1,602	1,676	1,542
113	114	2,686	2,763	357	280	1,303	1,462	1,735	1,581
957	944	29,686	30,252	3,761	3,195	15,718	16,850	17,729	16,587

Disposition of the Dead and of Still-born Infants in The City of New York.

CEMETERY.	BOROUGH OF—					CITY OF NEW YORK.
	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	
Acacia.....	147	....	147
Almshouse.....	58	58
Astoria.....	8	....	8
Baron Hirsch.....	53	58
Bayside.....	358	....	358
Bethel.....	59	59
Calvary.....	18,413	....	18,413
Canarsie.....	50	....	....	50
Cedar Grove.....	333	....	333
City.....	4,591	....	....	....	4,591
County Farms.....	830	....	....	830
Cypress Hills.....	826	906	....	1,732
Douglaston.....	10	....	10
Evergreens.....	1,027	3,378	....	4,405
Fairview.....	78	78
Flatlands.....	16	....	....	16
Flushing.....	265	....	265
Fosters Meadow.....	1	....	1
Fountain.....	18	18
Friends.....	17	....	....	17
Gravesend.....	8	....	....	8
Greenwood.....	4,678	....	....	4,678
Hillside.....	11	11
Holy Cross.....	7,969	....	....	7,969
Holy Trinity.....	1,692	....	....	1,692
Jamaica.....	77	....	77
Lake.....	47	47
Little Neck.....	6	....	6
Linden Hill.....	2,017	....	2,017
Long Island State Hospital.....	2	....	....	2
Lutheran.....	7,147	2	7,149
Machpelah.....	207	....	207
Maple Grove.....	313	....	313
McKahlim.....	1	....	1
Marble.....	11	....	....	....	....	11
Moravian.....	231	231

CEMETERY.	BOROUGH OF—					CITY OF NEW YORK.
	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	
Mount Carmel.....	2	....	2
Mount Nebo.....	132	....	132
Mount Olivet.....	2,055	....	2,055
Mount Loretto.....	12	12
Mount Zion.....	1,419	....	1,419
New Springville.....	15	15
New Union Fields.....	128	....	128
Nursery and Child's Hospital.....	36	11	47
Reformed.....	3	3
Sailors' Snug Harbor.....	74	74
Salem Fields.....	193	....	....	193
Sandy Hill.....	6	6
Springfield.....	54	....	54
St. Andrew's.....	3	3
St. John's.....	831	....	831
St. Joseph's.....	28	28
St. Luke's.....	11	11
St. Mary's.....	300	....	300
St. Mary's, Third Ward.....	35	35
St. Mary's, Fourth Ward.....	120	120
St. Michael's.....	1,659	3	1,652
St. Monica's.....	37	....	37
St. Paul's Churchyard.....	3	....	....	....	....	3
St. Peter's.....	297	297
St. Raymond's.....	1,831	....	....	....	1,831
Silver Lake.....	1,235	1,235
Silver Mount.....	67	67
Staten Island.....	13	13
Sylvan.....	8	8
Trinity.....	102	....	....	....	....	102
Union Fields.....	705	....	705
U. S. Crematory.....	624	....	624
Van Sicklen.....	3	....	....	3
Vaughn.....	2	2
Washington.....	3,229	....	....	3,229
Woodhaven.....	7	....	7
Woodland.....	200	200

CEMETERY.	BOROUGH OF—					CITY OF NEW YORK.
	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	
Woodlawn .....	....	1,593	....	....	....	1,593
Woodrow Church .....	....	....	....	....	9	9
West Baptist.....	....	....	....	....	11	11
Total.....	116	8,015	20,540	41,576	2,725	72,972

Deaths of Persons 100 Years of Age and Over.

DATE OF DEATH, 1901.	NAME.	AGE.			NATIVITY.	CAUSE OF DEATH.	BOROUGH OF—					City of New York.	
		Years.	Months.	Days.			Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.		
Jan. 2	Ann Sote	100	..	..	Ireland.....	Old age.. ..	..	..	1	..	..	..	1
" 3	Susan Gusner....	100	4	2	United States	"	1	..	..	..	..	..	1
" 6	Lydia B. Coleman.	100	4	24	"	" .....	..	..	1	..	..	..	1
" 9	John McGee.....	101	..	..	Ireland.....	" .....	..	..	1	..	..	..	1
" 23	Bridget Grimes....	104	..	..	" .....	Chr. bronchitis	..	..	1	..	..	..	1
" 23	Isaac Landy.....	105	..	..	Russia	Old age.....	1	..	..	..	..	..	1
Feb. 22	Leah Abrahams....	114	..	..	" .....	Apoplexy.....	1	..	..	..	..	..	1
Mar. 12	Martha Lockett ...	102	..	..	United States	Old age.....	1	..	..	..	..	..	1
Apr. 14	Mary Prendergast.	105	..	..	Ireland.....	"	1	..	..	..	..	..	1
May 3	Louis Levy.....	102	..	..	Russia	"	1	..	..	..	..	..	1
" 8	Ascher Schloss....	102	..	..	Germany....	Pneumonia....	1	..	..	..	..	..	1
Aug. 26	Catherine Howe...	103	..	..	United States	Old age.....	..	..	1	..	..	..	1
Oct. 21	Catherine Brown..	100	9	12	"	"	1	..	..	..	..	..	1
Dec. 24	Amelia Carle.....	100	..	..	"	Fall. ....	..	..	1	..	..	..	1
						Total.....	8	..	6	..	..	..	14

Population of the Borough of Manhattan—From the United States Census of 1900.
By Assembly Districts, Sex, General Nativity and Color.

ASSEMBLY DISTRICT.	Total Population.	Males.	Females.	Native.	Foreign.	White.	Negro.	Chinese.	Japanese.	Indian.
First.....	25,939	14,426	11,533	14,100	11,859	25,760	132	67	..	..
Second.....	52,768	30,135	24,633	24,439	28,329	50,078	261	2,401	28	..
Third.....	47,295	25,281	22,014	27,172	20,123	46,239	965	85	1	5
Fourth.....	76,852	39,046	37,806	31,697	45,155	76,768	22	59	3	..
Fifth.....	37,951	18,765	19,186	25,962	11,989	36,461	1,378	102	10	..
Sixth.....	64,286	36,422	27,864	25,502	38,584	64,097	68	121	..	..
Seventh.....	41,979	21,321	20,658	23,377	13,602	41,121	793	65	..	..
Eighth.....	72,125	37,479	34,646	23,674	48,451	72,050	9	66	..	..
Ninth.....	42,361	21,549	20,812	28,125	14,236	40,605	1,673	79	3	..
Tenth.....	65,785	33,365	32,420	27,048	37,737	65,697	18	70	..	..
Eleventh.....	41,247	20,778	20,469	27,518	13,729	37,400	3,756	88	3	..
Twelfth.....	72,817	37,463	35,434	29,859	43,038	72,831	4	62	..	..
Thirteenth.....	37,572	19,131	18,391	24,961	12,611	34,229	2,584	59	..	..
Fourteenth.....	54,847	27,757	27,090	28,894	25,953	54,742	25	77	3	..
Fifteenth.....	33,911	19,263	19,648	25,719	13,192	33,019	842	50	..	..
Sixteenth.....	73,834	37,295	36,539	31,526	42,208	73,790	2	42	..	..
Seventeenth.....	40,975	20,314	20,531	27,303	13,672	39,705	1,214	48	8	..
Eighteenth.....	45,197	22,735	22,462	27,267	17,330	45,036	86	72	1	2
Nineteenth.....	65,025	28,557	35,468	45,072	19,953	59,958	4,982	66	19	..
Twentieth.....	42,596	21,528	21,068	25,233	17,353	42,401	113	75	7	..
Twenty-first.....	89,050	39,835	49,165	62,871	26,179	87,767	1,135	112	36	..
Twenty-second.....	43,796	24,448	24,343	29,426	19,370	43,480	244	71	1	..
Twenty-third.....	72,585	38,180	40,405	56,102	22,483	75,312	3,169	93	6	..
Twenty-fourth.....	51,209	25,303	25,906	28,367	22,842	50,769	370	57	3	1
Twenty-fifth.....	36,800	17,436	19,364	23,234	13,566	33,732	2,950	100	11	7
Twenty-sixth.....	56,882	27,454	29,428	31,546	25,336	56,377	458	45	2	..
Twenty-seventh.....	36,934	15,750	21,234	24,582	12,202	33,590	3,318	62	14	..
Twenty-eighth.....	46,123	22,550	23,573	26,996	19,127	45,890	192	41	..	..
Twenty-ninth.....	51,674	26,614	31,060	32,094	19,580	50,666	957	37	13	1
Thirtieth.....	58,728	28,474	30,254	36,090	22,638	58,334	345	49	..	..
Thirty-first.....	78,013	35,431	42,582	55,251	22,762	75,448	1,483	81	1	..
Thirty-second.....	80,379	40,560	39,819	44,814	35,565	78,622	1,680	75	1	1
Thirty-third.....	58,112	30,010	28,102	32,374	25,738	57,918	147	46	..	1
Thirty-fourth.....	33,296	19,474	18,322	26,551	11,745	37,375	862	53	1	..
Total.....	1,850,093	918,259	931,834	1,060,751	789,312	1,803,968	36,246	4,686	175	18

Population of the Borough of The Bronx, from United States Census of 1900.

By Assembly Districts, Sex, General Nativity and Color.

ASSEMBLY DISTRICT.	Total Population.	Males.	Females.	Native.	Foreign.	White.	Negro.	Chinese.	Japanese.	Indian.
Part of, Thirty-fourth.....	53,027	26,447	26,580	37,121	15,906	52,554	411	62	..	..
Thirty-fifth	122,395	61,564	60,831	83,838	38,557	120,702	1,566	122	..	5
Annexed District	25,085	13,745	11,340	18,005	7,079	24,667	393	24	..	1
Total.....	200,507	101,756	98,751	138,965	61,542	197,323	2,370	208	..	6

Population of the Borough of Brooklyn from United States Census of 1900

By Wards, Sex, General Nativity and Color.

WARD.	Total Population.	Male.	Female.	Native.	Foreign.	White.	Negro.	Chinese.	Japanese.	Indian.
First.....	20,327	9,931	10,396	13,695	6,632	19,902	368	50	7	..
Second.....	8,565	4,605	3,960	5,031	3,534	8,398	155	12	..	..
Third.....	17,949	8,772	9,177	12,016	5,933	17,542	275	32	..	..
Fourth.....	12,568	6,773	5,795	8,811	3,757	12,041	463	36	28	..
Fifth.....	18,862	10,109	8,753	12,521	6,341	18,452	351	22	37	..
Sixth.....	42,485	21,516	20,969	24,810	17,675	42,318	116	51	..	..
Seventh.....	40,171	18,302	22,169	30,254	10,217	39,357	1,063	45	..	..
Eighth.....	52,414	26,787	25,627	34,708	17,705	52,275	75	64	..	..
Ninth.....	42,876	20,268	22,603	30,062	12,814	42,052	759	63	2	..
Tenth.....	39,100	19,313	19,787	25,975	13,125	37,839	1,156	45	..	..
Eleventh.....	22,608	10,970	11,638	16,869	5,739	19,373	3,211	33	1	..
Twelfth.....	30,354	16,021	14,333	19,372	10,582	30,308	17	29	..	..
Thirteenth.....	24,029	12,110	11,919	17,678	6,351	23,907	82	40	..	..
Fourteenth.....	31,483	16,354	15,129	18,913	12,570	31,155	12	16	..	..
Fifteenth.....	30,269	15,130	15,139	21,996	8,273	30,213	35	20	..	..
Sixteenth.....	56,550	28,278	28,272	31,245	25,305	56,258	258	34	..	..
Seventeenth.....	57,309	29,050	28,259	40,229	17,080	57,242	18	49	..	..
Eighteenth.....	25,133	12,820	12,313	17,174	7,959	25,123	....	10	..	..
Nineteenth.....	37,645	18,037	19,608	26,421	11,224	37,041	577	27	..	..
Twentieth.....	25,416	11,324	14,122	19,152	6,294	24,161	1,262	23	..	..
Twenty-first.....	58,957	28,153	30,799	41,457	17,500	58,495	413	37	7	..
Twenty-second.....	66,575	31,882	34,693	47,495	19,080	66,250	258	64	3	..
Twenty-third.....	61,813	27,099	34,714	50,020	11,793	60,092	1,653	62	5	1

WARD.	Total Population.	Male.	Female.	Native.	Foreign.	White.	Negro.	Chinese.	Japanese.	Indian.
Twenty-fourth.....	31,757	15,376	16,391	23,836	7,931	29,803	1,937	26	..	1
Twenty-fifth.....	48,328	23,109	25,219	38,300	10,028	47,140	1,112	73	1	2
Twenty-sixth.....	66,086	33,373	32,713	43,987	22,099	65,725	313	48	..	..
Twenty-seventh.....	43,961	21,824	22,137	28,568	15,393	43,926	14	21	..	..
Twenty-eighth.....	77,912	38,269	39,643	56,794	21,118	77,790	64	58	..	..
Twenty-ninth.....	27,183	13,072	14,116	19,161	8,027	26,779	333	26	..	..
Thirtieth.....	24,700	12,395	12,305	17,294	7,406	24,291	379	30	..	..
Thirty-first.....	14,609	6,410	6,199	10,524	4,083	13,346	1,204	54	3	2
Thirty-second.....	8,243	4,296	3,947	6,517	1,726	7,865	372	6	..	..
Total.....	1,166,582	573,733	592,849	810,885	355,697	1,146,909	18,367	1,206	94	6

Population of the Borough of Queens from United States Census of 1900.
By Wards, Sex, General Nativity and Color.

WARD.	Total Population.	Males.	Females.	Native.	Foreign.	White.	Negro.	Chinese.	Japanese.	Indian.
First.....	48,272	24,544	23,728	32,373	15,899	47,793	413	61	..	..
Second.....	40,903	21,284	19,619	27,455	13,448	40,585	297	21	..	..
Third.....	25,870	12,816	13,054	19,470	6,400	24,624	1,224	22	..	..
Fourth.....	30,761	15,383	15,378	23,811	6,950	30,166	571	22	1	1
Fifth.....	7,193	3,520	3,673	5,078	2,115	7,062	106	20	5	..
Total.....	152,999	77,547	75,452	108,187	44,812	150,235	2,611	146	6	1

Population of the Borough of Richmond from United States Census of 1900.
By Wards, Sex, General Nativity and Color.

WARD.	Total Population.	Males.	Females.	Native.	Foreign.	White.	Negro.	Chinese.	Japanese.	Indian.
First.....	21,441	10,802	10,639	14,866	6,575	21,151	259	25	6	..
Second.....	13,200	6,602	6,598	9,364	3,836	12,970	213	12	5	..
Third.....	13,701	7,007	6,694	10,178	3,523	13,449	259	13	..	..
Fourth.....	9,516	4,088	4,528	6,491	3,025	9,457	42	17	..	..
Fifth.....	9,163	5,111	4,152	7,435	1,723	8,856	299	8	..	..
Total.....	67,021	34,410	32,611	48,334	18,687	65,863	1,072	75	11	..

Table from the United States Census Report of 1900, giving Estimated Population of New York City and its Boroughs as now Constituted, 1790 to 1900.

Boroughs.	1790.	1800.	1810.	1820.	1830.	1840.	1850.	1860.	1870.	1880.	1890.	1900.
Manhattan.....	33,131	60,515	96,373	123,706	204,559	312,710	515,547	813,669	942,292	1,164,673	1,441,216	1,850,093
Bronx.....	1,781	1,755	2,267	2,732	3,023	5,346	8,032	23,593	37,393	51,950	88,903	200,507
Brooklyn.....	4,495	5,740	8,303	11,187	20,535	47,613	138,882	279,122	419,021	599,495	838,547	1,166,582
Queens.....	6,159	6,542	7,444	8,246	9,049	14,480	18,593	32,903	45,168	56,559	87,050	152,999
Richmond.....	3,835	4,564	5,317	6,135	7,682	10,965	15,061	25,492	33,029	38,991	51,653	67,021
New York City.....	47,401	79,216	119,734	152,056	242,278	391,114	696,115	1,174,779	1,478,103	1,911,698	2,597,414	3,437,202

