FORTY-SECOND ANNUAL REPORT

OF THE

DEPARTMENT OF HEALTH

OF THE

STATE OF NEW JERSEY

1919

TRENTON, N. J.
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The offices of the Department are in the State House, Trenton.

TRENTON, N. J., June 30th, 1919.

To His Excellency. William N. Runyon, Governor of New Jersey:

SIR—In accordance with Chapter 288 of the Laws of 1915, I have the honor to transmit herewith the Forty-second Annual Report of the Department of Health of the State of New Jersey.

Very respectfully,

J. C. PRICE,
Director.

Report of the Director

J. C. PRICE, M.D., DIRECTOR.

An Act of the Legislature approved February 27th, 1918, changed the beginning of the fiscal year from November 1st to July 1st. In consequence of this change this volume contains a report on the activities of the Department of Health from July 1st, 1918, to June 30th, 1919, and also embraces the reports of the several bureaus for the preceding eight months, November 1st, 1917, to June 30th, 1918. Since the publication of the last annual report of this Department an additional bureau has been organized, namely, the Bureau of Venereal Disease Control. The Division of Child Hygiene, formerly a part of the Bureau of Publicity and Education, has been reorganized and a separate bureau created. The Department has been exceedingly fortunate in securing as Chief of this Bureau Dr. Julius Levy, acting in the capacity of Consultant and Supervising Expert. The Legislature of 1919 appropriated for the use of this Bureau the sum of $125,000.00. This amount became available on July 1st, 1919, and is the largest ever received for any single bureau of this Department. It will be expended for the conservation of child life throughout New Jersey. The activities of this important undertaking will be extended to the most remote districts of the state. The work of this Bureau is divided into four divisions, the Division of Consultation and Nursing, the Division of Midwifery, the Division of Children's Institutions and Boarding out Babies, and the Division of Education and Extension. Each succeeding year brings added interest in the Child Welfare work. The death rate among young children is largest where poverty and ignorance prevail. These conditions are found frequently within industrial centers, where mothers are under-paid and over-

worked, compelled to leave their homes in order to gain sufficient sustenance to support a growing family. Such a condition is not creditable to our civilization, that 300,000 babies die annually in the United States from diseases fifty per cent of which are absolutely preventable. As the years roll round, however, the baby is coming to its own, and we feel sure that at no distant day the so-called advanced civilization and higher standards of living attained in every municipality will be largely gauged by the size of its infant death rate.

The Sixty-fifth Congress, second session, passed an Act appropriating $1,000,000.00 to be paid to the states for the use of their respective health departments in the prevention, control and treatment of venereal diseases, to be so conditioned that for each dollar paid to any state the state shall appropriate an equal amount for the purposes above stated. New Jersey was one of the first states offering to co-operate with the Federal Government, and a Bureau for the Control of Venereal Disease was at once organized. It is the purpose of this Bureau to co-operate with the medical profession, the military authorities and the public and to exercise supervision over all activities throughout the entire state. A campaign of education and publicity is in active operation. Clinics have been established in ten of the principal cities of this commonwealth, and more than 9,000 patients have received treatment. Lectures were given before medical societies and at industrial plants, and many thousand pamphlets printed in foreign languages have been distributed. Literature has been sent to every state in the union, and distributed among doctors, ministers, principles of schools, health officers, mayors, and township authorities. The work already begun by this bureau, and so efficiently carried forward by Dr. J. Holmes Smith, Chief of the Bureau of Venereal Disease Control, will be pushed with vigor, with a determined resolution that the scourge undermining the constitution and impairing the mentality of our youth may be blotted out. The great underlying and fundamental factor of national prosperity and national advance is in the strength and vigor of our people.

Notwithstanding the fact that there was a decrease in the number of marriages in New Jersey exceeding 6,000 for the fiscal year 1918, due to so large a number of our young men on the firing line in France, the activities of this Bureau were vastly increased as a result of the war. The number of deaths in 1918 exceeded those for the preceding year by more than 17,000, as a result of the epidemic of Spanish influenza which assumed vast proportions throughout the state. The total number of certificates received, all kinds, reached 162,915, an increase of more than 10,000 over the previous year. The fees of the Bureau were materially increased though no charge was exacted for certificates for soldiers, sailors or war workers. The Bureau has recently forwarded to each of the 500 registrars in New Jersey a letter requesting that hereafter an engraved birth certificate be forwarded to the parents of each new born child. More than 100

municipalities have already complied with this request, and it is believed that at no distant day every child born within this commonwealth will receive a suitable testimonial and record of birth. Through a recent act of the Legislature this Bureau was authorized to issue free of charge certificates of birth to those desiring employment.

There is probably no state in the Continental Union of the approximate area and population of New Jersey that produces so great a quantity of milk. Besides supplying our three million inhabitants vast quantities are shipped to New York and Philadelphia. In consequence of this fact the major portion of money supplied to this Bureau of Food and Drugs is used to maintain a safe, pure and sanitary milk supply. Our inspectors are traveling over the state constantly procuring samples from producers and dealers whose products are suspected of not conforming to the state statutes. Our veterinarian is daily examining the herds from which raw milk is sold. These herds are subjected frequently to the tuberculin test and reactors destroyed.

This Bureau has supervision over all creameries, pasteurizing plants, cold storage warehouses and slaughter houses. Frequent inspections are made and if operated in compliance with our rules and regulations, and surroundings found in a sanitary condition, they are licensed by this Department.

Canning factory investigations were carried on in co-operation with the Bureau of Chemistry of the United States Department of Agriculture and during the war licensed by the Federal Food Administration. For violations of this law hearings were given and canners warned that the continued use of decomposed material in the preparation of food products would result in the revocation of the license.

The misbranding of proprietary medicines has received the attention of this Bureau. The literature and labels used in the sale were in several instances found to be false and misleading. Investigations were made, hearings given, and the parties warned of violations. Further investigations demonstrated that the articles spoken of were prepared in a manner and the labels so worded as to comply with the law.

One of the larger industries in New Jersey is the growing and shipping of oysters. The sales from this important food product reach a sum annually approximating four million dollars. In consequence of the rapid growth of the state great care is exercised by this Department to prevent the waters of the oyster producing areas from being polluted. New Jersey has many thousand acres of riparian lands, more than 30,000 acres are leased to oystermen. This delicious food product is susceptible of contamination and in order to guard against pollution the inspection boat of this Department is in commission during the spring, summer and fall months patrolling the waters and guarding the beds from infection. This boat is provided with a laboratory and a bacteriologist in charge. Analyses are made both of the oysters and the water in which they are grown. These

efforts by this Department should insure a safe product and one fit for human consumption.

The eastern coast of New Jersey is washed with ocean tides. Many of the great ports of entry and magnificent harbors of the Atlantic are easily accessible. This favorable location for transportation overseas made New Jersey the center for many war activities. More than a score of military agencies were established within the confines of this state. One of the largest military reservations, Camp Dix, is located in Burlington County, and on several occasions during the war more than 75,000 soldiers were quartered there for purposes of equipment and drilling. The Department of Health, in an advisory capacity, co-operated with the Federal Government in establishing an efficient system of water supply and sewage disposal. Appreciating the obligation due our military forces in civilian territory accessible to soldiers, this Department, in co-operation with the Public Health Service and the American Red Cross established an extra cantonment zone surrounding the entire reservation five miles in width and embracing an area of more than one hundred fifty square miles, in which were ten separate municipalities. The Department established a branch office within this extra cantonment of which the Chief of the Bureau of Local Health Administration was made Director in September, 1917, and the work of improving sanitary conditions throughout this entire zone was immediately begun, with the determination to protect the health of the soldier and the civilian. The scope of this work involved efficient control of communicable diseases, proper disposal of human excrement, supervision over food, milk and water supplies, and the elimination of breeding places for mosquitoes and flies. Insanitary eating places were driven out of business, and those that complied with established rules and regulations were licensed. Similar activities, with sanitary surveys, were rendered at Camp Merritt, Camp Raritan, and the Naval Rifle Range at Great Piece Meadows. One of the most difficult problems to solve in these various districts was the abolishment of insanitary privies, and the proper disposal of sewage and household waste. Local Boards of Health were called together and ordinances passed requiring flyproof toilets with watertight vaults. Schools were inspected, children vaccinated, and the parents instructed in rural sanitation.

The nationwide epidemic of influenza spread through New Jersey in the early fall of 1918. No city, town or hamlet escaped its ravages. The hillsides of every community were dotted with newly made graves, and the records of this Department registered approximately 300,000 cases. All this happened notwithstanding the vigorous efforts of the Department to check the disease in its incipiency. The public was instructed to avoid crowds, all public gatherings were forbidden, schools, churches, theatres, moving picture shows and saloons were ordered closed, yet the disease spread. Its limits were boundless, reaching from ocean to ocean, from the Great Lakes to the Gulf, and at the present time making vast inroads in Alaska and the Philippine Islands.

SEWERAGE WORKS, PLANS FOR WHICH HAVE BEEN ACTED UPON BY THE DEPARTMENT OR THE WORKS CONSTRUCTED.

The plans for sewer extensions approved by the Department have been for the following municipalities: Collingswood (4), Flemington, Garwood (2), Haskell—E. I. du Pont de Nemours & Company—(2), Linden Township (3), Long Branch (3), Madison, Manasquan, Merchantville, Milltown, Morristown, Palisades Park, Red Bank, South Orange Township, Summit, Westfield.

Sewer extensions were approved with conditional stipulations, as follows:

BOUND BROOK (2) :—Subject to the order issued by the Department to the authorities of the municipality of Bound Brook to discontinue discharging raw sewage into the Raritan river.

CARNEY'S POINT (5) (E. I. du Pont de Nemours & Company) :—Subject to the construction of a sewage treatment plant at such time as this Department may require.

HACKENSACK :—That such approval shall not in any manner affect the force or terms of an order by this Department requiring this municipality to cease polluting the waters of this state.

LINDEN TOWNSHIP (Grasselli Chemical Company) :—Subject to the construction of a sewage treatment plant at such time as this Department may require.

PHILLIPSBURG :—That a sewage treatment plant be constructed as required by this Department.

RAHWAY :—That such approval will not in any manner affect the force or terms of an order by this Department, requiring this municipality to cease polluting the waters of this state.

TRENTON (5) :—That a sewage treatment plant be constructed as required by this Department.

UPPER PENN'S NECK TOWNSHIP (E. I. du Pont de Nemours & Company) :—Subject to the construction of a sewage treatment plant at such time as this Department may require.

AT THE FOLLOWING PLACES PLANS FOR SEWAGE TREATMENT PLANTS HAVE BEEN APPROVED.

ASYLA (Camden County Institutions) :—Plans were approved on March 19th, 1918, for alterations to the present sewage treatment plant. The approved plans call for the construction of a sprinkling filter, 12 feet in width, 200 feet in length, and 5½ feet in depth.

ALLENWOOD (Monmouth County Tuberculosis Hospital) :—On May 28th, 1918, plans were approved for a sedimentation tank, 4 feet in width, 12 feet in length, and 4 feet in depth; a dosing tank, with a capacity of 500 gallons; two sub-surface irrigation fields, each field to contain 975 feet of 3-inch farm tile.

FLEMINGTON (New Jersey Cider Vinegar Company) :—On March 10th, 1919, plans were approved for the preliminary treatment of industrial wastes. The plant is to consist of a screen chamber, 5 feet in width, 5 feet in length, and 4 feet in depth; screens are of ¼-inch mesh; and a settling tank, 5 feet in width, 15 feet in length, and 4 feet in depth. The effluent is to be discharged into the sewerage system of Flemington.

MORRISTOWN:—On July 23d, 1918, plans were approved for three additional sand filtration beds, with a total area of .38 acres. A variable flow chlorinator has been installed.

PALMYRA:—Plans were approved May 13th, 1919, for a sanitary sewer system and sewage treatment plant. The plant is to consist of a two-story sedimentation tank, the capacity of the settling chamber is to be 40,000 gallons; and a sludge drying bed, 1,000 square feet in area. The effluent will discharge into the Delaware river. The plans were approved with the proviso, that additional purification processes will be constructed when required by this Department.

PAULSBORO:—Plans were approved February 19th, 1918, for a sanitary sewer system and a sewage treatment plant. The plant is to consist of the following units: A two-story sedimentation tank, 25 feet in width, 50 feet in length, and 12 feet in depth; two sludge drying beds, each 900 square feet in area. The effluent will discharge into Mantua creek.

PAULSBORO (American Standard Metal Products Company):—Plans were approved March 5th, 1918, for alterations to the three sand filtration beds and for a two-story settling tank, 9 feet in width, 14 feet in length, and 8 feet in depth.

PEMBERTON (Pemberton Township Water, Sewerage and Light Company):—On April 2d, 1918, plans were approved for improvements to the sewage treatment plant.

PRINCETON:—On November 13th, 1917, plans were approved for two additional sand filtration beds, each 84 feet by 84 feet, and 3½ feet in depth, at the northeast sewage treatment plant.

PROSPECT PARK:—On November 13th, 1917, plans were approved for a sanitary sewer system. The effluent will discharge into the Passaic Valley Trunk Sewer.

RAHWAY (Philadelphia Quartz Company):—On May 6th, 1919, plans were approved for a sewage treatment plant consisting of the following units: A one-story sedimentation tank of two compartments, each compartment is 4 feet in width, 9 feet in length, and 6 feet in depth; a dosing tank, with a capacity of 650 gallons; and two sand filtration beds, each 900 square feet in area. The effluent will discharge into the Rahway river.

ROCKAWAY VALLEY TRUNK SEWER:—On April 9th, 1918, plans were approved with provisos for an intercepting sewer and sewage treatment plant to receive the sewage from the municipalities located upon the Jersey City watershed. The approved plans call for the construction of two-story sedimentation tanks, units for the activated sludge treatment, and chlorine disinfection. The effluent will discharge into the Rockaway river.

SEA ISLE CITY:—Plans were approved July 30th, 1918, for the installation of a solution feed chlorinator.

SUSSEX:—Plans were approved May 7th, 1918, for a two-story sedimentation tank, 18 feet in diameter and 27 feet in depth; a solution feed chlorinator; a contact retention tank, 10 feet in width, 12 feet in length, and 6½ feet in depth; and a sludge drying bed 660 square feet in area. Effluent will discharge into Papakating creek.

WESTFIELD:—Plans were approved April 2d, 1918, for improvements to the sewage treatment plant.

WESTMONT:—On May 13th, 1919, plans were approved for a sanitary sewer system in a part of this municipality and a sewage treatment plant consisting of the following units: A two-story sedimentation tank, 20 feet in width, 36 feet in length, and 24 feet in depth; a dosing tank with a capacity of 5,000 gallons; a sprinkling filter with an area of .088 acres and a depth of 5½ feet; a secondary settling tank, 16 feet in width, 30 feet in length, and 3 feet in depth; and a sludge drying bed, 1,100 square feet in area. The effluent will discharge into Cooper river.

WESTMONT-HADDONFIELD (Joint Project):—Plans were approved May 13th, 1919, for a sanitary sewer system and a sewage treatment plant consisting of the following units: A two-story sedimentation tank, the capacity of the settling chamber is 13,500 gallons, the capacity of the sludge chamber is 75 cubic yards; a sprinkling filter with an area of .088 acres and a depth of 5½ feet; a secondary settling tank with a capacity of 9,000 gallons; and a sludge drying bed, 1,120 square feet in area. The effluent will discharge into Newton creek. The plans were approved with the proviso that the municipality of Haddonfield shall improve its present sewage treatment plant in accordance with the plans approved on October 2d, 1917, before construction begins upon this project.

WOODBURY:—On April 2d, 1918, plans were approved for a sanitary sewer system.

AT THE FOLLOWING PLACES PLANS FOR SEWAGE TREATMENT PLANTS HAVE BEEN DISAPPROVED.

CALDWELL TOWNSHIP:—On January 14th, 1919, plans for a sewage treatment plant at the rifle range on the Great Piece Meadows were disapproved.

MAYS LANDING (Bethlehem Loading Company):—On March 7th, 1918, plans for sewage treatment plants at the shell loading plant and the village were disapproved.

HEARINGS ON MATTERS RELATING TO SEWAGE.

AUDUBON:—On January 22d, 1918, a hearing was given to representatives of the municipality relative to the unsatisfactory operation of the sewage treatment plant.

BORDENTOWN:—On January 22d, 1918, a hearing was given to the municipal officials relative to the unsatisfactory operation of the sewage treatment plant.

BROWNS MILLS:—August 13th, 1918, a hearing was given to the representatives of the Browns Mills Company relative to the construction of an adequate sewage treatment plant.

BUTLER:—Representatives of the American Hard Rubber Company appeared before the Department on February 4th, 1919, and March 4th, 1919, relative to the pollution of the Pequannock river by industrial wastes.

BUTLER:—On September 30th, 1918, representatives of the Pequannoc Rubber Company were heard in reference to the installation of a treatment plant for industrial wastes.

DOVER:—On January 4th, 1918, and on July 2d, 1918, hearings were given the municipal officials and other interested parties relative to the pumping of polluted waters from cellars into storm sewers.

EWING TOWNSHIP:—In April, 1918, and in May, 1918, hearings were given to the representatives of the local board of health and the Agasote Millboard Company relative to the pollution by industrial wastes of a tributary of the Delaware river.

MAYWOOD:—On November 27th, 1918, a hearing was given to a representative of the municipality relative to its failure to construct the sewage treatment plant in accordance with the plans approved by the Department.

MIDDLESEX TOWNSHIP:—In November, 1917, and in February, 1918, hearings were given to representatives of the township, Bound Brook, and of the Joint Sewage Treatment Plant near Dunellen, relative to odors and pollutions produced by the treatment plant.

MORRISTOWN:—On December 4th, 1917, the officials of the municipality appeared before the Department to show cause why additional units should not be constructed at the sewage treatment plant. On July 23d, 1918, the municipal officials presented plans for additional sand filtration beds.

JERSEY CITY:—On April 2d, 1918, representatives from Jersey City and Dover were given a hearing relative to the submission of plans by Jersey City for an intercepting sewer and sewage treatment plant to receive the sewage from Rockaway Valley.

PEMBERTON:—Numerous hearings were given the officials of the Pemberton Township Water, Light and Sewerage Company, relative to the unsatisfactory operation of the present sewage treatment plant.

PEMBERTON:—On March 13th, 1919, a hearing was given to an official of the General Manufacturing Company relative to the pollution of Rancocas creek by industrial wastes.

PHILLIPSBURG:—Numerous hearings were given relative to the installation of a sewage treatment plant.

RAHWAY:—On January 14th, 1919, representatives were given a hearing relative to the pollution of the Rahway river by industrial wastes coming from the plant of the Chemical Company of America.

RIDGEWOOD:—On May 7th, 1919, the municipal officials were given a hearing relative to the unsatisfactory operation of the sewage treatment plant.

RIVERSIDE:—On November 26th, 1918, a hearing was given to the officials of the borough of Riverside, Hackensack, Delford and Bogota, relative to the gross pollution of the Hackensack river by the effluent from the sewage treatment plant at Camp Merritt.

SPRINGFIELD:—Numerous hearings were given to representatives of the Chemical Company of America relative to the pollution of the Rahway river by industrial wastes.

TRENTON:—On March 18th, 1919, a hearing was given to representatives of Trenton and other interested parties relative to the pollution of Assanpink creek.

WESTFIELD:—On March 5th, 1918, representatives of the municipality were given a hearing relative to the unsatisfactory operation of the sewage treatment plant.

WATER WORKS, THE PLANS FOR WHICH HAVE BEEN ACTED UPON OR THE WORKS CONSTRUCTED.

ALLWOOD (Brighton Mills):—A new water supply from a driven well, 10 inches in diameter and 231 feet in depth, was approved on March 19th, 1918.

ATLANTIC CITY:—On September 3d, 1918, an additional water supply from a new well, 10 inches in diameter and 200 feet in depth, was approved. A supply from another well, 10 inches in diameter and 100 feet in depth, was approved on November 26th, 1918.

BERNARDSVILE (Bernards Water Company):—On March 19th, 1918, plans were approved for the installation of a water treatment plant consisting of a rapid sand gravity filter, 13½ feet square and 4 feet in depth: a coagulation basin with two compartments, each compartment 17½ feet in width, 53 feet in length, and 4½ feet in depth; and a wash water tank with a capacity of 14,300 gallons. This plant has not been constructed.

DOVER:—Plans were approved November 12th, 1918, for the installation of a manual control direct feed chlorinator.

ELLIZABETH (Elizabethtown Water Company):—The water filtration plant was placed in operation in April, 1919.

FREEHOLD:—Plans and an additional source of water supply were approved on December 4th, 1917, from two driven wells, each 8 inches in diameter and 100 feet in depth.

HALEDON:—Plans were approved on February 19th, 1918, for a water treatment plant with the following units: Two slow sand filters, each 42 feet in width, 50 feet in length, and 28 inches in depth; and two clear water basins, each with a capacity of 14,500 gallons. This plant has not been constructed.

MAYS LANDING (Mays Landing Water Power Company):—Plans were approved on May 13th, 1919, for an additional source of water supply from a driven well, 6 inches in diameter and 178 feet in depth.

MEDFORD:—On March 18th, 1918, plans were approved for the installation of a manual control solution feed chlorinator.

PATERSON (Montclair Water Company):—On May 28th, 1918, plans for 4 additional rapid sand gravity filter units were approved, each 14½ feet by 15 feet, by 5 feet in depth. These units are equipped with the Wheeler strainer bottoms, and enlarge the plant capacity by ten million gallons per day.

VINCENTOWN (Vincentown Water Company):—Plans were approved May 13th, 1919, for a solution feed chlorinator.

HEARINGS ON MATTERS RELATING TO POTABLE WATER SUPPLIES.

BERNARDSVILLE:—On November 26th, 1918, a hearing was given to the representatives of the Bernards Water Company and other interested parties relative to the installation of a satisfactory water purification plant.

BOUND BROOK:—On April 1st, 1919, a hearing was given to the representatives of the Bound Brook Water Company and interested citizens of the municipality relative to the quality of the water supplied.

BURLINGTON:—On March 5th, 1918, a hearing was given to representatives of the city relative to the unsatisfactory operation of the water purification plant.

ELIZABETH:—On January 22d, 1918, a hearing was given to representatives of the Elizabethtown Water Company relative to the installation of a satisfactory water purification plant.

LUMBERTON:—On June 4th, 1918, a hearing was given to the representatives of the Lumberton Light, Water and Sewerage Company relative to the installation of some method for the purification of the water supplied.

MEDFORD:—On August 7th, 1918, a hearing was given to the Medford Water Company relative to the installation of some method for the purification of the water supplied.

NEW BRUNSWICK:—On March 7th, 1918, a hearing was given to the officials relative to the unsatisfactory operation of the municipal water purification plant.

PATERSON:—On February 5th, 1918, representatives of the Montclair Water Company appeared before the Department and requested that the company be allowed to supply to its consumers unfiltered water treated with chlorine. Permit was granted for request, which was caused by great shortage of water due to climatic conditions. On February 19th, 1918, interested parties of Montclair and neighboring municipalities were heard relative to the rescinding of the above permit, as the great shortage of water in the district supplied by the Montclair Water Company no longer existed.

PEMBERTON:—On October 29th, 1918, a hearing was given to the representatives of the Pemberton Township Water, Light and Sewerage Company, relative to the installation of some method for the purification of the water supplied.

SOMERVILLE:—On January 8th, 1918, a hearing was given to the representatives of the Somerville Water Company relative to the quality of the water supplied by the company.

VINCENTOWN:—On July 18th, 1918, a hearing was given to the Vincentown Water Company relative to the installation of some method for the purification of the water supplied.

WOODBRIDGE:—On March 5th, 1918, a hearing was given to representatives of the Middlesex Water Company relative to the unsatisfactory operation of the water purification plant.

No tabulations or charts in reference to births, marriages and deaths were published for the calendar year 1917, due to the change in the date of filing yearly reports, therefore the figures in reference to this data which appear in the following pages have been combined to show both the calendar year 1917 and the calendar year 1918, together with continuation of previous years.

During the year 1918 the Bureau received 60,852 certificates of death; 74,549 certificates of birth; 23,989 certificates of marriage, and 3,525 certificates of still-birth, making a total of 162,915.

Population—The total estimated mid-year population of New Jersey for the year 1918 was 3,080,371.

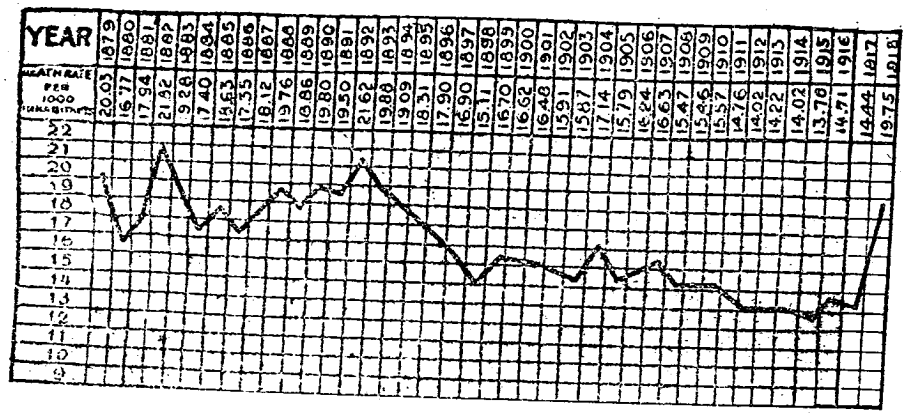
Deaths—The death-rate for 1918 is 19.75, for 1917 the rate was 14.44, and the increase of the past year over 1917 is caused by the great number of deaths due to influenza.

Births—The birth-rate for 1917 was 24.98, and for 1918, 24.20. The figures showing the total births for 1917 and 1918 are as follows: 75,309 births in 1917, and 74,549 births in 1918, a decrease of 760 births.

Comparative Death-Rate of White and Colored Inhabitants—The death-rate among the whites for the year 1917 was 14.12, and for 1918, 19.30. The death-rate among the colored inhabitants for 1917 was 23.29, and for 1918, 32.17.

Marriages—The number of marriages recorded for 1918 was 23,989, a decrease of 6,071 from the previous year. The marriage rate for 1918 was 15.58 as compared with 19.94 for the previous year.

CHART SHOWING TOTAL DEATHS PER 1,000 POPULATION FOR 40 YEARS.



DEATHS FROM CERTAIN CAUSES AND RATES PER 10,000 POPULATION WITH PROPORTION OF DEATHS FROM EACH TO TOTAL DEATHS, 1917 AND 1918.

CAUSE OF DEATH.	Deaths.		Rate per 10,000 population.		Proportion to total deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Typhoid fever	194	160	.6	.5	.4	.3
Malaria	5	13	.....	.....	.....	.....
Smallpox	0	0	.....	.....	.....	.....
Measles	121	526	.4	1.7	.3	.9
Scarlet fever	48	57	.2	.2	.1	.1
Whooping cough	292	577	1.0	1.9	.7	1.0
Diphtheria and croup	447	498	1.5	1.6	1.0	.8
Tuberculosis, all forms	4,620	4,815	15.3	15.6	10.6	7.9
Cancer and other malignant tumors	2,524	2,511	8.4	8.2	5.8	4.1
Diabetes	623	573	2.1	1.9	1.4	.9
Diseases of nervous system and of the organs of special sense	4,189	4,323	13.9	14.0	9.6	7.1
Diseases of circulatory system	6,345	6,592	21.1	21.4	14.5	10.8
Pneumonia	3,685	7,512	12.2	24.4	8.5	12.3
Diseases of respiratory system (pneumonia excepted)	2,581	4,230	8.6	13.7	5.9	7.0
Diarrhœa and enteritis (under 2 years)	2,332	2,278	7.7	7.4	5.4	3.7
Diseases of digestive system (diarrhœa and enteritis under 2 years excepted)	2,214	2,137	7.3	6.9	5.1	3.5
Acute nephritis and Bright's disease	4,183	3,728	13.9	12.1	9.6	6.1
The puerperal state	411	417	1.4	1.4	.9	.7
Malformations and causes due to early infancy	2,967	2,894	9.8	9.4	6.8	4.8
Suicide	413	340	1.4	1.1	.9	.6
Other violent causes	2,850	2,952	9.5	9.6	6.5	4.9

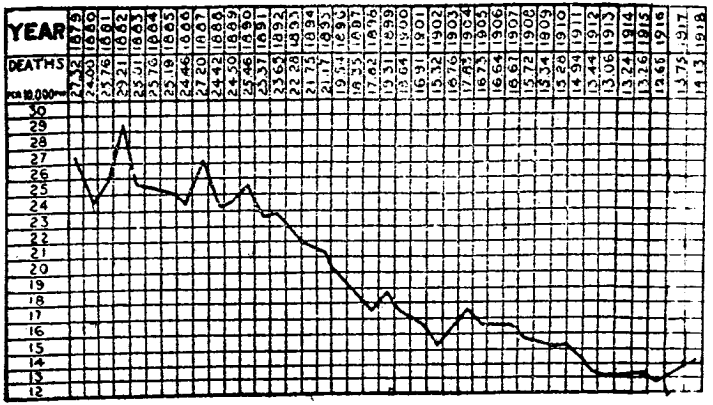
NUMBER OF LIVING BIRTHS AND DEATHS UNDER ONE YEAR OF AGE IN NEW JERSEY AND PERCENTAGE OF BIRTHS LIVING ONE YEAR TO TOTAL BIRTHS.

YEAR.	Births reported.	Deaths under 1 year of age.	Percentage of living births to total births.
1906	42,677	7,773	81.79
1907	44,651	7,732	82.68
1908	47,405	7,823	83.50
1909	47,508	7,658	83.88
1910	53,942	8,352	84.52
1911	58,133	7,642	86.85
1912	60,073	7,457	87.59
1913	61,432	7,542	87.72
1914	65,403	7,431	88.64
1915	66,476	7,077	89.35
1916	70,211	7,348	89.53
1917	75,309	7,582	89.93
1918	74,549	8,372	88.77

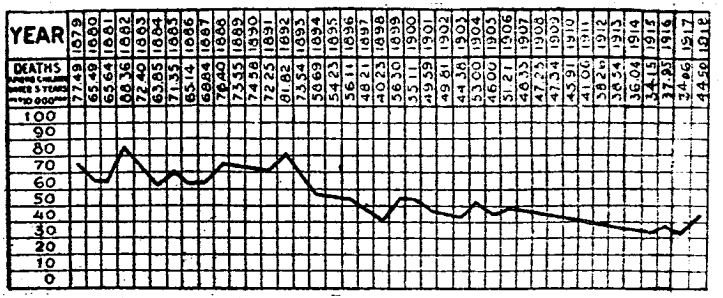
AVERAGE ANNUAL DEATH-RATES, PER 10,000 POPULATION, FROM ALL CAUSES AND FROM TUBERCULOSIS OF LUNGS.

COUNTIES.	Average annual death-rate from all causes per 10,000 for 39 years.	Average annual death-rate from tuberculosis of lungs per 10,000 for 39 years.	Death-rate from all causes for year ending Dec. 31, 1917.	Death-rate from tuberculosis of lungs for year ending Dec. 31, 1917.	Average annual death-rate from all causes per 10,000 for 40 years.	Average annual death-rate from tuberculosis of lungs per 10,000 for 40 years.	Death-rate from all causes for year ending Dec. 31, 1918.	Death-rate from tuberculosis of lungs for year ending Dec. 31, 1918.
Atlantic County	161.0	14.77	119.8	10.01	162.1	14.83	179.6	11.71
Bergen County	102.6	12.12	129.6	9.53	100.5	12.19	173.1	10.68
Burlington County	156.3	16.38	164.6	13.70	157.3	16.30	219.5	11.16
Camden County	184.8	20.10	166.5	14.05	182.6	19.86	258.6	15.94
Cape May County	135.4	12.25	166.7	9.67	135.2	12.02	135.0	7.54
Cumberland County	92.7	17.81	142.3	16.41	97.2	17.52	245.3	13.69
Essex County	174.9	22.70	142.3	16.29	175.2	22.40	236.9	15.84
Gloucester County	142.3	15.75	142.4	9.67	140.7	15.45	183.9	15.82
Hudson County	191.0	22.52	142.3	9.12	191.3	23.51	182.2	10.65
Hunterdon County	130.0	13.06	163.9	17.39	129.9	13.24	222.7	17.76
Mercer County	170.6	20.87	149.4	12.31	172.9	20.78	260.7	17.93
Middlesex County	156.2	15.04	163.5	9.05	153.9	14.77	188.3	8.84
Monmouth County	152.8	14.89	156.4	8.45	153.2	15.17	210.0	12.43
Morris County	128.4	17.83	141.9	9.12	129.2	17.50	164.9	11.34
Ocean County	167.8	13.06	178.2	12.40	168.2	17.17	176.7	9.90
Passaic County	146.8	16.57	145.7	12.23	148.2	16.92	257.2	16.22
Salem County	140.2	13.23	145.6	5.54	141.0	13.55	197.4	6.92
Somerset County	127.3	13.23	145.6	13.23	128.1	13.17	209.8	15.22
Sussex County	140.0	14.60	149.7	7.42	140.8	14.08	202.5	6.92
Union County	136.1	13.43	135.1		136.8	13.11	197.5	14.13
Warren County	143.9							
The State	165.7	18.83	142.4	13.75	167.0	18.64	197.5	14.13

DEATHS FROM TUBERCULOSIS OF LUNGS PER 10,000 POPULATION FOR 40 YEARS.



DEATHS UNDER FIVE YEARS OF AGE PER 10,000 POPULATION FOR 40 YEARS.



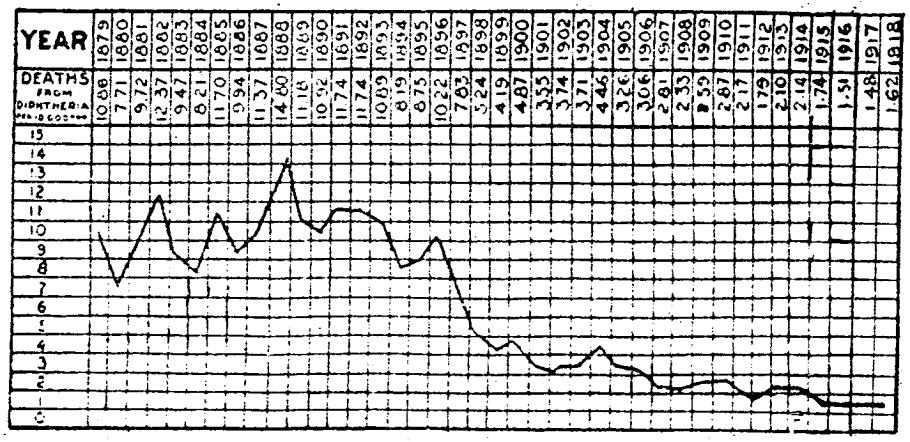
Diphtheria—The death-rate from diphtheria for the year 1917 was 1.48 per 10,000 inhabitants, a slight decrease from the previous year. It is gratifying to note that this once fatal disease is causing fewer deaths each year.

Deaths in New Jersey from diphtheria, with ages at decease, for the year ending December 31, 1917, were: under 1 year, 32; 1 year, 76; 2 years, 71; 3 years, 57; 4 years, 43; 5 to 9 years, 129; 10 to 19 years, 27; 20 to 29 years, 2; 30 to 39 years, 3; 40 to 49 years, 2; 50 to 59 years, 4; 80 to 89 years, 1. Total, 447.

For 1918 the death-rate from diphtheria was 1.62 per 10,000 inhabitants.

Deaths from this disease by age periods for 1918 were: under 1 year, 24; 1 year, 86; 2 years, 74; 3 years, 56; 4 years, 58; 5 to 9 years, 144; 10 to 19 years, 30; 20 to 29 years, 11; 30 to 39 years, 7; 40 to 49 years, 6; 50 to 59 years, 1; 60 to 69 years, 1. Total, 498.

DEATHS FROM DIPHTHERIA PER 10,000 POPULATION FOR 40 YEARS.



Typhoid Fever—The number of deaths from typhoid fever in New Jersey for the year 1917 was 194, exactly the same figures shown for the previous year, and the death-rate per 10,000 inhabitants was .64.

The total number of deaths from typhoid fever for 1918 was 160, and the death-rate per 10,000 inhabitants, .52, a slight decrease from the previous year.

This disease is entirely preventable, and it is hoped that with proper educational methods the number of deaths from the same will be reduced to a minimum.

The deaths from typhoid fever by age periods for the year 1917 were: 2 years, 1; 3 years, 1; 4 years, 1; 5 to 9 years, 14; 10 to 19 years, 39; 20 to 29 years, 59; 30 to 39 years, 23; 40 to 49 years, 30; 50 to 59 years, 15; 60 to 69 years, 6; 70 to 79 years, 4; 80 to 89 years, 1.

The deaths from typhoid fever by counties in New Jersey for the year 1917 were: Atlantic, 7; Bergen, 13; Burlington, 12; Camden, 18; Cape May, 1; Cumberland, 6; Essex, 23; Gloucester, 3; Hudson, 23; Hunterdon, 3; Mercer, 9; Middlesex, 13; Monmouth, 14; Morris, 5; Ocean, 1; Passaic, 22; Salem, 3; Somerset, 8; Sussex, 1; Union, 8; Warren, 1. Total, 194.

The deaths from typhoid fever by age periods for the year 1918 were: under 1 year, 1; 2 years, 2; 3 years, 1; 4 years, 1; 5 to 9 years, 10; 10 to 19 years, 33; 20 to 29 years, 54; 30 to 39 years, 31; 40 to 49 years, 11; 50 to 59 years, 11; 60 to 69 years, 4; 80 to 90 years, 1.

The deaths from typhoid fever by counties in New Jersey for the year 1918 were: Atlantic, 4; Bergen, 5; Burlington, 11; Camden, 15; Cape May, 2; Cumberland, 11; Essex, 19; Gloucester, 4; Hudson, 20; Hunterdon, 2; Mercer, 7; Middlesex, 10; Monmouth, 18; Morris, 4; Ocean, 0; Passaic, 9; Salem, 3; Somerset, 3; Sussex, 2; Union, 9; Warren, 2. Total, 160.

COMPARATIVE DEATH-RATES FROM TYPHOID FEVER, PER 10,000 INHABITANTS, IN THE REGISTRATION AREA OF U. S. AND IN N. J. FOR 10 YEARS.

	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	Averages for ten years.
Registration area of United States	2.20	2.35	2.10	1.65	1.79	1.54	1.24	1.33	1.34	....	.....
New Jersey	1.28	1.55	1.29	1.22	1.00	0.78	0.65	0.66	0.64	0.52	0.96

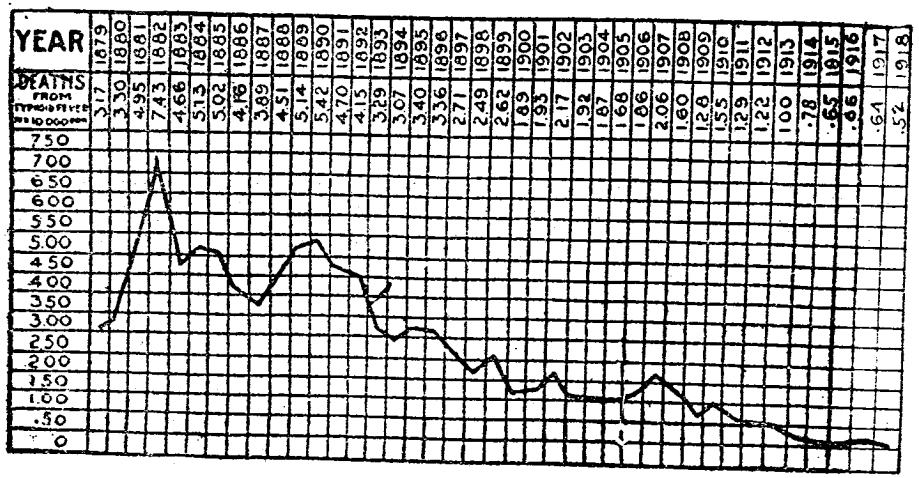
DEATHS FROM TYPHOID FEVER, BY COUNTIES, PER 10,000 POPULATION, FOR 10 YRS.

COUNTIES.	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	Averages for ten years.
Atlantic County	1.13	1.53	2.15	1.96	1.14	1.47	0.59	1.59	0.77	0.43	1.28
Bergen County	0.85	1.16	0.69	0.72	1.00	0.36	0.41	0.63	0.72	0.27	0.68
Burlington County	2.00	3.31	1.33	3.36	1.59	1.28	1.13	1.11	1.65	1.50	1.83
Camden County	1.28	1.97	1.23	1.46	1.88	1.20	0.86	1.53	1.08	0.88	1.34
Cape May County	1.45	1.52	0.49	0.48	1.42	0.92	0.43	1.26	0.41	0.79	0.92
Cumberland County	1.32	1.99	1.43	1.06	0.88	1.39	1.04	1.04	1.03	1.88	1.31
Essex County	1.22	1.21	1.03	0.81	0.66	0.55	0.35	0.43	0.37	0.30	0.69
Gloucester County	1.09	1.61	3.43	2.60	1.28	1.01	1.49	1.47	0.73	0.95	1.57
Hudson County	0.78	0.93	0.97	0.72	0.83	0.76	0.63	0.55	0.36	0.30	0.68
Hunterdon County	0.62	1.49	0.30	1.78	2.37	0.30	0.60	0.30	0.91	0.61	0.93
Mercer County	3.10	4.14	3.89	3.26	1.86	1.45	0.85	0.48	0.61	0.46	2.01
Middlesex County	1.17	0.96	1.19	1.73	0.96	1.09	0.83	0.51	0.93	0.70	1.01
Monmouth County	2.16	2.22	2.91	2.87	1.62	1.50	1.68	1.46	1.35	1.71	1.95
Morris County	1.14	1.34	0.92	0.78	0.25	1.12	0.38	0.37	0.61	0.48	0.74
Ocean County	0.92	3.28	1.40	1.40	2.32	0.46	0.90	0.90	0.45	....	1.20
Passaic County	0.99	1.16	0.76	0.65	0.63	0.52	0.57	0.39	0.85	0.34	0.69
Salem County	1.49	1.48	2.58	1.10	1.09	0.36	1.08	1.43	1.06	1.06	1.27
Somerset County	2.31	1.80	3.32	0.25	....	0.24	0.24	0.47	1.86	0.69	1.12
Sussex County	1.32	1.87	0.73	0.36	....	....	0.36	0.35	0.35	0.69	0.60
Union County	1.67	1.71	0.83	1.61	1.36	0.38	0.62	0.42	0.47	0.52	0.96
Warren County	1.18	2.78	0.69	0.68	0.89	0.66	1.09	....	....	0.42	0.84
The State	1.28	1.55	1.29	1.22	1.00	0.78	0.65	0.66	0.64	0.52	0.96

DEATHS FROM TYPHOID FEVER IN URBAN AND RURAL DISTRICTS FOR 1917 AND 1918.

1917.	Aggregate population.	Deaths from typhoid fever.	Deaths typhoid fever per 10,000 population.
State	3,014,193	194	0.64
Cities	2,134,565	107	0.50
Rural Districts	879,628	87	0.99
1918.			
State	3,080,371	160	0.52
Cities	2,184,042	102	0.47
Rural Districts	896,329	58	0.65

DEATHS FROM TYPHOID FEVER PER 10,000 POPULATION FOR 40 YEARS.



Whooping Cough—The number of deaths from whooping cough in New Jersey for the year 1917 was 292, an increase of 30 over the previous year. The death-rate per 10,000 inhabitants for 1917 was .97, as compared with .89 for the previous year.

The deaths in the state from this disease, with ages of deceased, for the calendar year 1917 were: under 1 year, 151; 1 year, 94; 2 years, 27; 3 years, 8; 4 years, 5; 5 to 9 years, 6; 30 to 39 years, 1. Total, 292.

The number of deaths from whooping cough for 1918, was 577, an increase of 285 over the previous year, and the death-rate from this disease for 1918 was 1.87.

The deaths from whooping cough for 1918, by age periods, were as follows: under 1 year, 248; 1 year, 164; 2 years, 79; 3 years, 33; 4 years, 25; 5 to 9 years, 24; 30 to 39 years, 1; 50 to 59 years, 1; 60 to 69 years, 1; 70 to 79 years, 1. Total, 577.

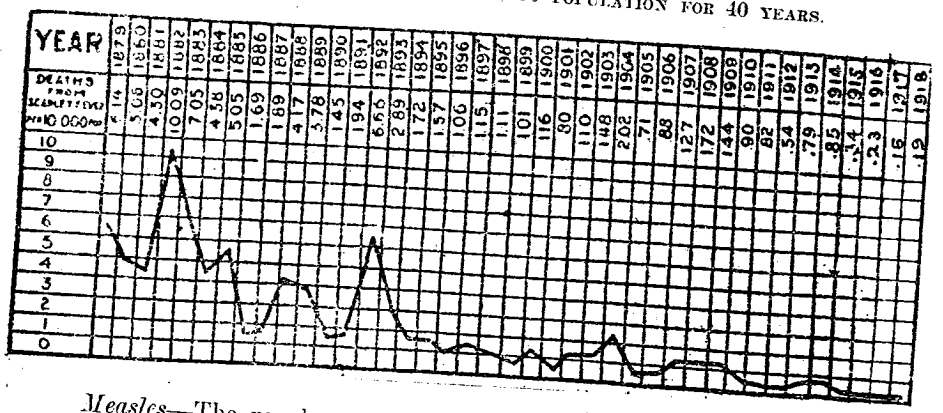
Scarlet Fever—The total number of deaths from scarlet fever for the year 1917 was 48, a decrease of 21 from the previous year. The death-rate was .16, as compared with .23 for the previous year.

The total deaths from this disease, with age at death, for the calendar year 1917, were: under 1 year, 7; 1 year, 6; 2 years, 13; 3 years, 3; 4 years, 3; 5 to 9 years, 7; 10 to 19 years, 6; 20 to 29 years, 3. Total, 48.

The total number of deaths from scarlet fever for 1918 was 57, a slight increase over the previous year. The death-rate was .19.

The total deaths from this disease by age periods for 1918 were as follows: under 1 year, 1; 1 year, 6; 2 years, 3; 3 years, 11; 4 years, 6; 5 to 9 years, 12; 10 to 19 years, 9; 20 to 29 years, 5; 30 to 39 years, 4. . Total, 57.

DEATHS FROM SCARLET FEVER PER 10,000 POPULATION FOR 40 YEARS.



Measles—The number of deaths from measles for the year 1917 was 121, a decrease of 223 from the previous year. The death-rate from this disease per 10,000 inhabitants for 1917 was .40, as compared with 1.17 for the previous year.

The deaths from this disease, with age at death, for the year ending December 31, 1917, were: under 1 year, 38; 1 year, 39; 2 years, 19; 3 years, 5; 4 years, 3; 5 to 9 years, 10; 10 to 19 years, 3; 20 to 29 years, 3; 40 to 49 years, 1. Total, 121.

The number of deaths from measles for 1918, was 526, an increase of 405 over the previous years, and the death-rate for 1918 was 1.71 per 10,000 inhabitants.

Deaths from measles, by age periods, for 1918 were as follows: under 1 year, 138; 1 year, 209; 2 years, 86; 3 years, 33; 4 years, 23; 5 to 9 years, 20; 10 to 19 years, 5; 20 to 29 years, 4; 30 to 39 years, 4; 40 to 49 years, 3; 60 to 69 years, 1. Total, 526.

Malarial Fever—The number of deaths from malarial fever for the year 1917 was 5, and the death-rate per 10,000 inhabitants was .02.

The number of deaths from malarial fever for 1918 was 13, an increase of 8 over the previous year. The death-rate from this disease for 1918, per 10,000 inhabitants, was .04.

Deaths in New Jersey from malarial fever for 40 years are as follows: 1879, 268; 1880, 293; 1881, 431; 1882, 379; 1883, 290; 1884, 230; 1885, 209; 1886, 243; 1887, 217; 1888, 264; 1889, 203; 1890, 195; 1891, 180; 1892, 198; 1893, 148; 1894, 162; 1895, 144; 1896, 119; 1897, 132; 1898, 82; 1899, 96; 1900, 84; 1901, 50; 1902, 36; 1903, 40; 1904, 47; 1905, 21; 1906, 33; 1907, 29; 1908, 30; 1909, 25; 1910, 25; 1911, 25; 1912, 29; 1913, 11; 1914, 10; 1915, 17; 1916, 10; 1917, 5; 1918, 13.

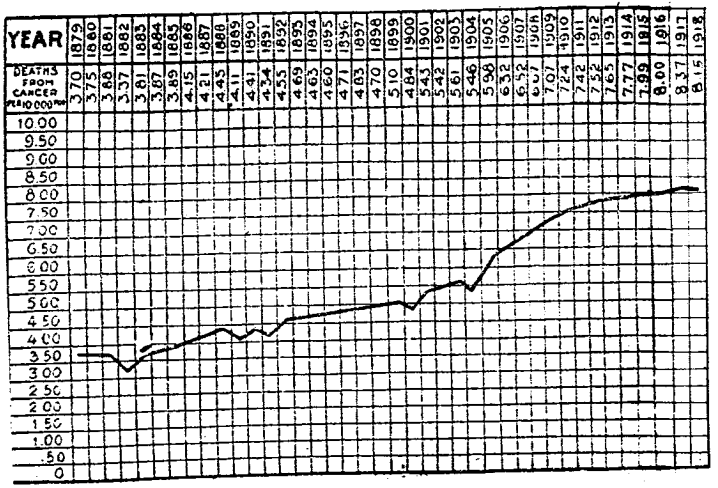
Smallpox—No deaths were reported from smallpox in New Jersey during the year 1917 or 1918, and it is hoped that the local boards of health throughout the state will continue to recognize the importance of vaccination and urge all parents to have their children vaccinated.

Cancer—The total number of deaths from cancer for 1917 was 2,524, an increase of 167 over the previous year. For 1918 the total number of deaths was 2,511, a decrease of 13.

DEATHS FROM CANCER AND OTHER MALIGNANT TUMORS IN NEW JERSEY BY ORGAN AFFECTED, 1917 AND 1918.

CANCER AND OTHER MALIGNANT TUMORS.	Under 1 year	1 to 4.	5 to 9.	10 to 14.	15 to 19.	20 to 24.	25 to 29.	30 to 34.	35 to 39.	40 to 44.	45 to 49.	50 to 54.	55 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Total.
1917.																		
Buccal cavity	..	2	1	..	1	1	..	2	6	4	10	10	16	26	24	6	..	109
Stomach, liver	..	..	..	1	2	2	1	11	23	47	85	116	147	280	167	32	1	915
Peritonæum, intestines, rectum	..	..	1	..	..	3	5	6	5	29	30	37	54	117	80	21	2	390
Female genital organs	..	..	..	..	1	2	5	16	29	33	52	61	53	72	34	9	..	367
Breast	..	..	..	..	..	1	2	5	8	29	33	39	34	70	41	18	..	280
Skin	..	..	..	..	..	2	1	1	1	1	1	1	7	13	27	10	2	67
Other organs or organs not specified	1	6	5	3	6	8	4	12	17	19	30	37	42	115	74	16	1	396
Total	1	8	7	4	10	19	18	53	89	162	241	301	353	693	447	112	6	2,524
1918.																		
Buccal cavity	..	..	..	..	..	..	..	3	1	4	4	10	10	19	20	4	1	76
Stomach, liver	1	2	..	..	..	3	8	18	37	56	89	128	136	297	198	40	2	1,015
Peritonæum, intestines, rectum	..	..	..	..	1	4	6	6	18	20	15	37	48	99	68	22	2	346
Female genital organs	..	..	..	2	..	1	5	11	32	44	55	53	51	76	41	12	..	383
Breast	..	..	..	..	..	..	..	1	4	13	20	26	24	25	54	39	12	220
Skin	..	..	1	..	..	..	..	..	1	1	2	5	11	17	17	19	3	77
Other organs or organs not specified	..	10	3	1	4	8	6	16	16	27	28	39	56	99	67	13	1	394
Total	1	12	4	3	5	16	26	58	118	172	219	296	337	661	450	122	11	2,511

CHART SHOWING DEATHS FROM CANCER PER 10,000 POPULATION FOR 40 YEARS.



Suicide—The total number of deaths from suicide for the year 1917 was 413, an increase of 23 over the previous year.

In 1918 the total number of deaths from suicide was 340, a decrease of 73 from the year 1917.

DEATHS BY SUICIDE IN NEW JERSEY, 1917 AND 1918.

MODE OF DEATH.	10 to 14.	15 to 19.	20 to 24.	25 to 29.	30 to 34.	35 to 39.	40 to 44.	45 to 49.	50 to 54.	55 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Not stated.	Total.
1917.																
Poison	..	3	7	8	9	6	3	1	4	3	5	3	2	..	..	54
Asphyxia	2	6	7	12	12	11	11	14	17	17	16	6	..	1	..	132
Strangulation	..	..	3	2	6	7	7	11	6	6	14	7	..	..	..	69
Drowning	1	..	1	2	2	3	3	3	1	1	2	2	..	..	..	21
Firearms	1	3	7	4	9	6	12	10	12	5	13	7	..	..	..	89
Cutting instruments	..	..	..	..	7	3	2	5	4	3	3	1	..	..	..	28
Precipitation from height	..	..	..	1	2	1	..	..	1	1	1	..	..	..	..	7
Crushing	..	..	2	2	1	2	3	1	..	..	..	..	..	..	..	11
Others	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	2
Total	4	12	27	31	48	39	41	45	47	36	54	26	2	1	..	413
1918.																
Poison	..	1	3	2	5	3	4	3	5	2	5	1	..	..	..	34
Asphyxia	..	2	10	8	3	5	4	13	14	11	17	8	..	..	..	95
Strangulation	2	..	1	5	6	7	4	7	5	3	15	4	2	..	..	61
Drowning	..	1	2	3	..	2	7	2	..	..	..	..	1	..	..	18
Firearms	..	2	15	11	13	7	13	12	6	4	6	5	2	..	..	96
Cutting instruments	..	..	..	6	..	2	..	3	3	1	5	..	1	..	..	21
Precipitation from height	..	1	..	..	1	1	2	1	1	..	2	1	..	..	..	10
Crushing	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	2
Others	..	..	..	..	..	..	..	1	1	..	..	..	..	..	1	3
Total	2	7	31	36	28	27	34	42	35	22	50	19	6	..	1	340

Bright's Disease—For the year ending December 31st, 1917, 4,183 deaths occurred in New Jersey from Bright's disease, an increase of 333 over the previous year.

In 1918, 3,728 deaths occurred from Bright's disease, a decrease of 455 from the previous year.

Report of the Division of General Administration

CHARLES J. MERRELL, CHIEF.

Under the reorganization of the State Department of Health, which became effective on October 31st, 1915, a Division of General Administration was established to which five clerks were assigned with the Chief, which Division has a supervising relation to all other Bureaus and Divisions of the Department. Within this Division is included the Central Filing Office in which all records, except vital and morbidity statistics, engineering plans, and bacteriological reports, are now filed, together with all correspondence of the Department, except purely routine letters referring particularly to the work of a bureau and having no relation to the work of the Department as a whole.

The work of systematizing the filing of the records from the various bureaus in one central filing office has been a large task, especially in the case of the records of the Bureau of Engineering and the former Division of Milk Control, as it has been necessary to rearrange the filing of these records. In the case of the Bureau of Engineering, which now has charge of the work formerly conducted by the Division of Sewerage and Water Supplies, it was found that many records had been placed in folders without any indexing or filing record of any character, and it has therefore been found necessary to go over all of these records for the past 16 years to index and arrange the same in order that they may be available at a moment's notice. This work has now been completed and has already proven to be of great benefit especially to representatives of the Bureau of Engineering.

This Division has charge of the library of the Department and since this work has been taken up by the Division all books have been rearranged and catalogued and a system has been inaugurated under which every representative of the Department having an interest in the various periodicals received has opportunity to look over said periodicals promptly and to note any articles in the same which he would like to have indexed for future reference. Each interested person is given a definite period of time to look over a periodical after which it is returned to the library, the articles noted indexed and the periodical placed on file in the library.

In addition to the work in connection with the Central Filing Office and Library above referred to, this Division is charged with the reporting of all meetings, conferences and hearings of the Department and the recording of the minutes and reports of the same. All official notices, licenses, permits and correspondence of the Department and of the Director of Health are sent out through this Division, together with the 10,000 monthly bulletins. All financial work of the Department in reference to the making of requisitions, payment of all bills, preparation of the payroll, requests for appropriations, etc., is handled by this Division.

A central stock of articles used in common by all Bureaus or Divisions of the Department has now been established in this Division, the purpose being to obtain the supplies in quantities from the Purchasing Agent and furnish the same to each Bureau or Division from time to time as they may be needed and thus avoid the constant duplication of small requisitions and the holding of a stock of supplies in each office of the Department.

An indication of the increase in the work of this Division will be noted in the fact that the Department July 1st, 1915, had on its payroll 60 employes; the total number of employes at present, June 30th, 1919, including those in the recently reorganized Division of Child Hygiene and the newly created Bureau of Venereal Disease Control, is 114. Appropriations have been granted as follows: 1915, $132,625.00; 1916, $133,000.00; 1917, $145,000.00; 1918, $175,240.00. In addition to the regular appropriation for 1918, $5,176.35 was expended from a special appropriation granted by the State House Commission to aid in limiting the spread of Spanish Influenza.

Under an act passed in 1918, a change was made in the fiscal year of the state and the fiscal year now begins on July 1st, instead of November 1st, as formerly. For the year beginning July 1st, 1919, an appropriation of $319,676.22 has been granted to the Department. This includes an appropriation of $125,000.00 for the Division of Child Hygiene, an increase of $100,000.00 above last year and $27,586.22 for the Bureau of Venereal Disease Control. The sum of $27,586.22 has also been appropriated by the Government for the Bureau of Venereal Disease Control and the work of this Division, incident to the activities of said Bureau and the Division of Child Hygiene will be largely increased during the coming year.

A petty cash fund, of which the Chief of the Administration Division is Treasurer, and from which money is advanced each month to meet the traveling expenses of inspectors, has proven to be of great benefit to said employes and an aid to the work of the Department.

Under recent acts of the Legislature, the Department is empowered to prepare and sell culture media and to also make charges for the examination of samples of water and food for private parties in

our Laboratory. A revenue of over $1,100.00 was received from these two sources last year.

In addition to the regular meetings and hearings of the Department held at the office monthly, bi-monthly or weekly, an average of 20 hearings has been held by the Director each month concerning violations of the food and drug laws, insanitary conditions on dairy premises and creameries, pollution of streams, &c.

Under the regulations of the Department new licenses are issued each year for all creameries, ice cream factories, cold storage warehouses, egg breaking establishments, and slaughter houses in the state, this number being approximately 1,000 a year.

Examinations for health officers and inspectors who desire appointments by local boards of health are held quarterly by the examining board of the Department and licenses have been issued during the past year as follows: health officers, 8; sanitary inspectors, first class, 13; sanitary inspectors, third class, 1; plumbing inspectors, 4; meat inspectors, 1; milk inspectors, 2; food and drug inspectors, 2; operators of sewage disposal plants, 3; operators of water treatment plants, 2. During the year 86 applicants have been examined. A complete list of all persons thus far licensed by the Department since the enactment of Chapter 215 of the Laws of 1903, requiring examination and licensing of applicants, will be found printed in the back of this report.

Report of the Bureau of Medical Supervision

BY A. CLARK HUNT, M.D., CHIEF.

In the reorganization of the State Department of Health in 1908 this Bureau was created. It was intended that in cases of disputed diagnosis, where local physicians were in doubt, or the patient or family was dissatisfied with the diagnosis of the medical attendant, a representative of the State Department should, if possible, assist in arriving at the nature and character of the disease. During the epidemic of infantile paralysis, owing to the fact that the disease was comparatively infrequent and few medical practitioners were acquainted with the diagnostic phases of the disease, many calls for assistance were received, and the services rendered by the Bureau at that time were appreciated. In the more common diseases, such as scarlet fever and smallpox, it is seldom necessary to give aid, as the history of the cases and of evident exposure to these diseases together with the presence of characteristic symptoms generally enable the attending physician to make a correct diagnosis. However, in several cases of scarlet fever occurring especially in the sanitary districts surrounding Camp Dix, where it was important, because of possible exposure of the soldiers to infection, that no error in diagnosis should occur, assistance was sought and given. In the earlier cases of smallpox in Burlington county, in the spring of 1919, the type of the disease was very mild, and since some of the usual symptoms were wanting, local physicians were unable to decide whether some of the cases were or were not smallpox. The chief of the Bureau examined these cases, and in each instance a diagnosis of smallpox was made. As the number of cases increased the physicians became better acquainted with the present-day modified type of the disease, and no further assistance was required.

Another of the duties assigned to the Bureau consists in keeping in touch with the medical men and medical societies of the state, for the purpose of securing co-operation and transmission of information relating to the laws entailing certain duties on the medical profession. Although a number of society meetings have been attended, it is evident that a fixed program is usually planned for these meetings, and the time of the members being limited, it is difficult to create an interest unless some unusual topic, such as The Law Requiring the Reporting of Venereal Diseases, is presented for discussion.

It is doubtless a good policy on the part of the Department to have representatives attend as many of these meetings as possible for the

purpose of answering questions and discussing any points upon which information is requested. When any subject requiring special attention of the medical profession is to be presented it should have thorough publicity in the Public Health News and the public press.

EXAMINATION OF TUBERCULOSIS CLINICS.

Under the provisions of the original act constituting the State Department of Health one of the duties of the Department was to have general supervision over the sanitary condition of the institutions of the state. At a later date the law giving the Department supervision over the County Tuberculosis Hospitals was enacted. Prior to the passage of this special law, relating to the institutional care of persons suffering from tuberculosis, each year a sanitary survey was made of the state institutions. With the increased powers which were given to the Commissioner of Charities a portion of this inspection work was passed to him, and the State Board of Health is always prepared to assist other Departments when any special report of sanitary conditions of a given institution is required.

For several years in the State Department of Health there was a Division which attempted to deal with the problem of prevention of tuberculosis. In the latter part of 1917 a portion of this work was abandoned and greater attention was given to the development of Child Hygiene. Since that time the New Jersey Anti-Tuberculosis League has taken over in part the supervision which was formerly given by this Board, and a thorough survey has been made by the League with respect to the tuberculosis situation in New Jersey.

Recent advances in the knowledge of methods dealing with communicable diseases has caused us to reach the definite conclusion that the very best work that is accomplished is when close personal supervision of the patient is secured.

Aside from the institutional care of persons suffering from tuberculosis there is no agency at the present time that is giving more beneficial results than the tuberculosis clinics in our state. It was said by Dr. James Alexander Miller, that "The tuberculosis dispensary occupies a pivotal position in the whole anti-tuberculosis campaign. It is in intimate contact with all other activities in this field and while the interdependence of all factors is well recognized, it is scarcely too much to say that the dispensary is the one indispensable link in the chain and that a fairly accurate gauge of the successful organization of the anti-tuberculosis forces in a community of any size may be found in its dispensary service."

During the year 1918 a careful sanitary survey was made of the various tuberculosis clinics in the state for the purpose of ascertaining the methods which were adopted in the supervision of patients, and the efficiency of administration. There are eighteen clinics in our state, and separate and extensive reports were made on each clinic.

Without going into detail as to these reports, it may be said that the system which has been adopted in Hudson county is of a very high standard and well deserves commendation. Six clinics in this county are under the supervision of the County Tuberculosis Hospital, and the results of the investigation of the management of the various clinics was satisfactory. Where a County Hospital is maintained this arrangement leads to the best results. Care has been exercised in this county in the selection of sites for tuberculosis clinics so that large areas are covered. Each of the clinics has a competent staff, and is provided with necessary methods for clinical diagnosis. Selection of rooms and the general brightness and cleanliness of all parts of the clinics make them especially attractive, and the number of persons either suspected of having tuberculosis or already suffering from tuberculosis attending the clinics is an evidence of their usefulness.

In Essex county there are a number of clinics but they are maintained by private organizations or under supervision of Boards of Health. In some of our larger cities, such as Newark and Trenton, the clinics have been taken over by the local board of health and the city dispensaries.

In Union county there has been a development along this line, and with a hospital located in the county which is doing most valuable work, the supervision of the tuberculosis clinics will be vested in the superintendent of that institution. The reports from Union county indeed show that this work is being extended, and that splendid results will follow the plan of the general examination of children throughout the county.

In Camden county a very efficient clinic has been established, and more and more calls are being made upon it for assistance.

Mention has only been made of the activities along this line in these counties, but it is evident that there is need of an extension of this system to other counties in the state. During the investigation of the clinics it was evidenced that there is need of raising the standards and an adoption of uniform methods. In some of the smaller clinics it was found that the history of patients and the records of physical examination were not properly kept. It would be well to follow Hudson county in adopting a uniform method of record keeping.

We believe as the county tuberculosis hospitals increase in number, that under the management of these institutions, clinics should be equipped and maintained in every county in the state. The investigation also brings out the fact that there are many of these clinics under the supervision of private anti-tuberculosis associations. These organizations should be relieved of this work, and permitted to use their energies in other lines of prevention. The New Jersey Anti-Tuberculosis League has been doing excellent work along this line, and the survey published by that organization in 1917 is a very complete record of the tuberculosis activities in New Jersey.

PUBLIC HEALTH NEWS.

The Public Health News was first issued in August, 1915, and for each month until October, 1917. It was then discontinued owing to the increase in activities of many of the Bureaus of the Department, and the decrease of our working force due to the enlistment of many of our men in the army. In October, 1918, the Board appointed the Chief of the Bureau of Medical Supervision as editor of the News.

The necessity for continuing the publication is appreciated when we consider that there are over five hundred local boards of health in New Jersey, and many have supervision of rural communities where it is almost impossible to arrange for meetings of the local boards because the members live at far distant points of the township. The policy of the Public Health News is to become a medium by which information may be transmitted to all of the health organizations of the state. The plan which has been adopted is to present, if possible, in each issue one or two leading articles on subjects which are of special interest, and following such articles to transmit information in regard to the activities of the several departments which go to constitute the State Department of Health.

Within a year or two the Child Hygiene Division has been greatly enlarged, and a Venereal Disease Division has been formed. Therefore, a large portion of the space in the News for several months has been devoted to the plans which are to be followed for prosecuting the work of these divisions.

Under Current Notes the effort is made to bring together any points of special moment, and any results of action by the State Department which we believe to be of special interest to those in our state who are giving attention either officially or otherwise to disease prevention and health preservation.

An effort has already been made and will be continued to obtain from the local boards of health information in regard to the solution of local health problems and the administration of laws for dealing with any condition which menaces the health of individuals or communities.

We believe that in the future, with the co-operation of the various bureaus, the material presented from time to time in the Public Health News will be of special interest, and that the information conveyed through its pages will assist those who are responsible for the healthfulness of the various localities in our state.

Report of Bureau of Local Health Administration

D. C. BOWEN, CHIEF.

Following is the report of the Bureau of Local Health Administration for a period of twenty months, dating from October 31st, 1917, to the close of the present fiscal year ending June 30th, 1919. During this entire period of time there has been an unprecedented demand for intensive work along practically every line of public health work falling within the sphere of the Bureau's activities. This country's participation in the war not only made necessary the enforcement of special measures to safeguard the health of soldiers during mobilization and training, but likewise required that special precautions should be taken to protect the civilian population against preventable diseases in order that the country's military effectiveness might be maintained at a high standard.

The establishment of national army cantonments and other camps within the state resulted in increasing the population in the districts in which these military reservations were located, and in some of these localities sanitary supervision was entirely lacking or inadequate to meet the changed conditions. In addition, the congested population that sprang up in the vicinity of a number of the numerous war industrial plants located in the state gave rise to insanitary conditions with which local boards of health were unable to cope, and which had to be handled in a large measure by other agencies with greater resources and better equipment. As a result of these conditions the amount of work which the Bureau of Local Health Administration was called upon to perform was greatly increased over that of normal times. Furthermore, the pandemic of influenza in the Fall of 1918 was of such magnitude and severity that every public health organization in the country was overtaxed, no matter how great their resources may have been.

Three employes on the Bureau's field staff were on leave of absence a considerable portion of the twenty months covered by this report, serving as commissioned officers in the army, and one was transferred to another Bureau in the Department, so that at no time during this period have we had our full quota of personnel. The Bureau's field working force over the time with which this report deals only averaged about 55 per cent of what it was prior to this country's active participation in the war. It has, therefore, not been possible on all occasions to handle matters claiming attention as expeditiously as desired, notwithstanding the fact that considerable time has been devoted to work carried on under the direction of this Bureau by employes of other departmental divisions.

SPECIAL WORK IN EXTRA CANTONMENT ZONE.

The organization established by the State Department of Health in the Fall of 1917 to enforce sanitary regulations in the extra cantonment zone around Camp Dix, was disbanded on January 1st, 1919, after sixteen months of uninterrupted service. The branch office at Wrightstown was closed and supervision over public health matters was turned over to local boards of health in the various sanitary districts included within this zone.

The sanitary unit financed by the American Red Cross, and which had been working under my supervision as a part of this organization, was also disbanded at that time. The supervising public health nurse who had been attached to the unit was employed by the State Department of Health and assigned to the Bureau of Local Health Administration.

While the officer in charge of the work conducted by the State Department of Health in the Camp Dix zone practically became the executive health officer of the entire district, every possible effort was made to have local boards of health in the eleven municipalities in the zone take an active part in the enforcement of the law and the regulations of the State Sanitary Code in their respective districts, particularly in regard to matters that should concern local boards of health in rural districts under normal conditions. The local health officials in each district were kept informed of any work of importance conducted independently of them through the Wrightstown office, in so far as this was practicable. All our activities in this district were conducted on the theory that the most lasting results would be secured by working in co-operation with the local organizations, rather than independent of them, when such co-operation could be secured. As a result of persisting in this policy, when the state organization was withdrawn local boards of health in the zone were much better prepared to carry on their work than before our organization entered the field.

When public health nursing work was begun as a part of the activities of the State Department of Health in the Camp Dix zone, its purpose was not clearly understood by the public in general and was looked upon with considerable disfavor by some who later became its strongest supporters. This was also true of the measures taken to abate certain nuisances of long standing. As the work progressed the attitude of the public changed, and local boards of health came to rely more and more on the assistance and advice they were receiving from the Wrightstown office. When the time came to close the office and recall our field workers, both public officials and private citizens expressed regret, believing that the work should be continued by a central organization exercising jurisdiction over the entire district.

Our public health nursing work had been conducted in a very efficient manner and resulted in accomplishing much good. When it

was proposed to remove the nurse many leading citizens, as well as a number of local health officials, requested that she be allowed to remain at least until funds could be raised by local organizations to employ someone to succeed her, advancing as an argument that the services of a nurse would be greatly needed in the zone during the demobilization of troops from overseas. These requests were favorably considered and the nurse has been working in the district as an employe of the State Department of Health for the past six months, this proving to be a wise move in many respects. In the first place, it has enabled the Department to keep informed on public health conditions as they developed in the zone subsequent to closing the branch office at Wrightstown; secondly, the frequency with which local health officials, civic organizations and private citizens have appealed to the nurse for advice and assistance in handling sanitary problems that have arisen in the meantime, furnishes concrete evidence that the work carried on from the branch office in Wrightstown has been of considerable educational value as well as having fulfilled the purpose for which it was primarily undertaken. Insanitary conditions that formerly passed unnoticed by the public, and that would have resulted in no action on the part of public health officials if brought to their attention, are now taken cognizance of by both. The public sentiment that has been awakened for better sanitary supervision throughout the district will, if followed up by appropriate supervision, most probably be reflected in lowering the morbidity and mortality rates within the next few years.

A special report has been submitted, setting forth in detail the work accomplished in the Camp Dix zone from September, 1917, when the branch office was opened in Wrightstown, until it was closed on January 1st, 1919. This report also includes an itemized statement showing the amount spent by the State Department of Health and by the American Red Cross in conducting this work.

Special investigations have been made in the vicinity of a number of other military and naval reservations in the state, during the period covered by this report. These had to do with outbreaks of communicable diseases and with insanitary conditions in the vicinity of these camps. The results of these investigations have been set forth in special reports which may be consulted by reference to the files.

INFLUENZA EPIDEMIC.

New Jersey, as did most other states, suffered severely from the world-wide pandemic of influenza that reached its crest in this country in the Fall of 1918. The epidemic surpassed by far any preceding outbreak of disease on record, both in the number of cases and deaths that occurred and likewise in the rapidity with which the disease swept over the entire state. The actual number of cases that occurred will never be known and probably not closely approximated, as re-

liable data pertaining to the case incidence could not be secured from enough municipalities in different sections of the state to serve as a basis for making a reliable estimate. It is safe to assert, however, that there has never been another epidemic of disease that extended over any considerable portion of the state in which so large a per cent of the population was attacked, nor in which the fatality rate was so high.

That case reports were not more complete in this epidemic is due primarily to its severity and to the scarcity of doctors then practicing in the civilian population. At the time the pandemic occurred more than 30,000 physicians had been inducted into military service. As a result of withdrawing this large number of physicians from private practice, many communities were left in which medical aid could not promptly be secured at all times even before influenza became prevalent, and during the height of the epidemic there was scarcely a section of the state where there were enough physicians to attend all who contracted the disease. In many places patients died without having been seen by a physician or without having received proper nursing care. While these conditions prevailed many physicians not only failed to report all cases coming under their observation but also failed to keep record from which complete reports could be made later. Others neglected to make any report, either during or subsequent to the epidemic. Even though it had been possible to have gotten complete reports of all cases seen by physicians, there would still have been no means, short of house to house surveys, of learning the number of cases that received no medical care. Furthermore, influenza and pneumonia were not made reportable diseases until October 1st, 1918, at which time the outbreak had already gained epidemic proportions in many parts of the state.

During the months of October, November and December, 292,839 cases of influenza and 18,027 cases of pneumonia were reported to the State Department of Health. No reports were received from a number of municipalities in which the disease is known to have been prevalent. These reports were based on the best information local health officials could obtain under the circumstances with which they were confronted. They were not presumed to be complete in any municipality. A considerable number of cases that occurred during the month of September, before influenza and pneumonia were made reportable, were included in the early October reports sent in by some municipalities, while others made no mention of cases occurring prior to October 1st. It is quite evident, therefore, that reports that reached the Department through the regular channels cannot be relied upon as a measure of the morbidity rate in this epidemic, nor can these reports be used, by reason of their incompleteness, to make an approximation of the case incidence of the disease in the state as a whole, nor in selected groups of municipalities.

After-epidemic surveys were conducted under the supervision of the Bureau of Local Health Administration in three cities. These

surveys deal with 36,974 persons and show a case incidence of over 30 per cent of the entire population of the three municipalities. The indicated fatality rate was 3.1 per cent. These communities were not selected for surveys because of any indication that the disease had been relatively more prevalent in them than in many others of corresponding size. They were, however, all located in the southern part of the state, where the epidemic is believed to have been more severe than in the northern and central portion, and for this reason morbidity and mortality rates obtained in these surveys cannot be applied to the entire urban population of the state, nor can they be taken as representing the case incidence and mortality rate in strictly rural communities.

TABLE 1.

NUMBER OF CASES AND DEATHS FROM INFLUENZA AND PNEUMONIA, CASES PER 1,000 POPULATION, DEATHS PER 1,000 POPULATION AND FATALITY RATES AS DETERMINED BY AFTER-EPIDEMIC SURVEYS IN BRIDGETON, GLOUCESTER AND MILLVILLE.

MUNICIPALITY.	Population.	Cases.	Deaths.	Cases per 1,000 Population.	Deaths per 1,000 Population.	Per Cent Fatality.
Bridgeton	13,319	3,845	111	288.6	8.3	2.8
Gloucester	11,969	2,930	148	244.7	12.3	5.0
Millville	11,686	4,749	107	406.3	9.1	2.2
Totals	36,974	11,524	366	311.6	9.8	3.1

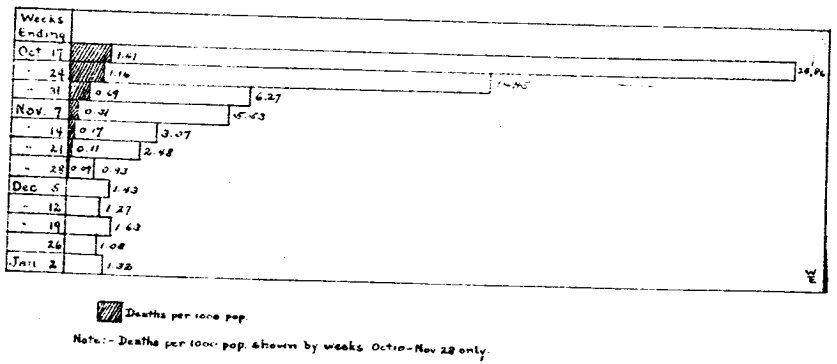
Data collected in four institutions during and subsequent to the epidemic, and which deal with 2,696 persons, show that 41.24 per cent of the inmates and employes in this group of institutions contracted influenza during the epidemic, and that 9.53 per cent of the cases proved fatal. However, the case incidence and fatality rates in these institutions are not comparable with those in the average community because they represent selected groups of individuals among whom the distribution of age and sex does not correspond to that which prevails in the population at large.

As was true in other sections of the country, the epidemic in this state first appeared in military and naval reservations. From these foci of infection the disease spread to the civilian population, rapidly assuming epidemic form in the larger communities and later invading the rural districts. Early in September the number of cases of influenza in Camp Dix became alarming and the death-rate from complicating pneumonia soon exceeded anything heretofore experienced at this season of the year. It has been stated that 7,000 cases were treated in the base hospital during the epidemic and that 863 of these cases died, equal to a fatality rate of 12.3 per cent.

During September, October, November and December, 10,962 deaths from influenza were reported in the civilian population of the state, together with 5,874 deaths from pneumonia attributable to influenza as the pre-disposing cause. In addition, 1,471 deaths from influenza and pneumonia were reported during the same period of time from military and naval reservations in the state. Therefore, the epidemic was accountable for 17,407 deaths in New Jersey during the last four months of 1918.

As nearly as can be determined the epidemic reached its crest in New Jersey during the third week in October, about one month later than at Camp Dix. In some localities, however, cases were relatively few until the epidemic was practically over in the larger cities and more thickly populated areas. This was noticeably true in a number of smaller municipalities and rural districts. According to case reports and the most reliable information obtainable a pronounced recrudescence of the disease occurred in many communities about two months after the crest of the epidemic had passed, although the fatality rate in these later cases was apparently much less than occurred when the epidemic was at its height. There is also some evidence which tends to show that a relatively higher per cent of cases occurred among children under school age in these secondary outbreaks. If true, this may be attributable to the reopening of schools which had been closed as a precautionary measure against the spread of infection.

CHART SHOWING REPORTED CASES AND DEATHS PER 1,000 POPULATION FROM INFLUENZA AND PNEUMONIA BY WEEKS FROM OCT. 10, 1918, TO JAN. 2, 1919.



The means adopted by local health officials to prevent the spread of influenza during the early part of the epidemic were rather drastic in some municipalities, while in others little or nothing was done. Definite knowledge concerning the methods by which the infection is transmitted could not be obtained, and public health officials were therefore at a loss to know how best to proceed when the number of

cases was found to be rapidly increasing in spite of their efforts. As a result the State Department of Health received urgent appeals from all parts of the state for a set of regulations containing the minimum requirements that should be enforced in each community. To meet the situation the Director of Health issued an order on October 5th, 1918, containing specific regulations to be enforced by local boards of health. These regulations were based on the presumption that the infection was mainly spread by personal contact and aimed to restrict the congregation of large numbers of persons, in so far as this could be accomplished without seriously interfering with the necessary movements of those engaged in essential businesses.

There were very few municipalities in which these regulations were not promptly recognized by local boards of health as binding upon them to enforce, and the public in general showed a commendable spirit of co-operation in the efforts made by public health officials to control the epidemic and to minimize the suffering which followed in its wake. With the exception of a few municipalities in which public officials yielded to political influence brought to bear by persons representing certain interests that were being injuriously affected by the closing of non-essential businesses, the regulations issued by the Director were enforced by local boards of health until the epidemic had subsided in their respective localities so that, in the judgment of the Director, the necessity for their further observance had passed.

EMERGENCY RELIEF MEASURES.

On account of the scarcity of doctors and nurses in many stricken communities, the United States Public Health Service announced that the service was prepared, through the arrangement that had been made with the American Red Cross, to furnish physicians and nurses to work in co-operation with state and local health authorities in furnishing medical relief. Taking advantage of this arrangement, on October 4th, 1918, the Director appealed to the Surgeon General for physicians and nurses for the city of Gloucester. In response to this request Passed Assistant Surgeon Treadway was sent to Trenton as Senior Officer in charge of the U. S. Public Health Service's emergency relief work in New Jersey. Two days later he was stricken with influenza and was obliged to spend two weeks in a hospital. Acting on instructions from the Surgeon General, the writer directed the U. S. Public Health Service relief work in New Jersey during the forced absence from duty of Captain Treadway.

The Atlantic Branch of the American Red Cross sent a representative in the person of Mr. E. D. Easton to facilitate the work of that organization in furnishing nurses and emergency hospital supplies to stricken communities when the necessity for such relief was certified to by an authorized agent of the State Department of Health.

At the request of the Director, His Excellency, the Governor, authorized the Comptroller to set aside from an emergency appropriation the sum of $10,000 to be used by the State Department of Health for influenza relief work throughout the state. With additional help employed by money from this fund the State Laboratory of Hygiene was able to manufacture influenza vaccine for free distribution in sufficient quantities to meet the requirements of local boards of health and practicing physicians who were unable to procure supplies from commercial manufacturers. Though ample money was available for the employment of physicians and nurses they could not be secured in sufficient numbers to meet even the most pressing demands.

During the epidemic the U. S. Public Health Service furnished 29 physicians and 10 nurses, and the American Red Cross provided 42 nurses. These physicians were given 48 assignments and the nurses 61 in response to 111 requests for physicians and 176 for nurses from 59 separate municipalities. The physicians were on duty a total of 673 days and the nurses 472 days. In some localities emergency hospitals were open for several days before patients could be received because nurses and physicians could not be secured to operate them, although municipal officials offered nurses exorbitant salaries and paid physicians as high as $100.00 per day.

Inability to find nurses who were willing to serve in hospitals and to do community bedside nursing during this epidemic was mainly due to the following reasons: in the first place, the ranks of the nursing profession had been greatly depleted, many having accepted service in the American Red Cross and other organizations for overseas duty. In the second place, many nurses were engaged in public health nursing work, community welfare work and similar activities in this country, and this made further inroads on the number available to do bedside nursing exclusively. Furthermore, the demand for nurses in private cases was never so great, and for the private patient who could amply afford to pay for individual service the cost of such service ceased to be a consideration. Under these conditions it can readily be seen why it was so difficult to find nurses willing to take assignments in emergency influenza hospitals and to accept temporary employment with local boards of health to do bedside nursing in private homes.

The Atlantic Division of the American Red Cross assisted in equipping 20 influenza emergency hospitals in New Jersey, of which we have knowledge. With the facilities at the disposal of this organization it was able to deliver a complete hospital equipment to any part of the state within a few hours after its need had been demonstrated. This prompt and valuable service relieved much suffering and doubtless resulted in saving many lives in communities where funds were not immediately available to enable local officials to open hospitals in time to meet the greatest emergency.

For the purpose of securing data as a matter of record pertaining to various activities of local boards of health throughout the state during the epidemic, a number of questions dealing with points of general interest were inserted in the blank prepared for the annual reports of local boards of health for the calendar year of 1918. As was anticipated when the questionnaire was sent out, the information furnished by the majority of municipalities is not complete in respect to all details, and there is a number of municipalities from which no reports have yet been received. However, tabulations that have been compiled contain much information of interest bearing on the severity of the epidemic, as well as on the methods employed by local boards of health to check its spread, to open hospitals and carry on other relief measures.

We find that at least 53 municipalities equipped emergency hospitals during the epidemic. New buildings were erected expressly for this purpose in three of these municipalities while in the remaining 50 it was possible to find old buildings either vacant or that could be vacated and quickly equipped as emergency hospitals at relatively low cost. These 53 emergency hospitals had 1,900 beds and 3,002 patients were treated during the epidemic, 592 of whom died, a fatality rate of 19.92 per cent.

Forty-three municipalities report 7,315 cases treated in general hospitals, among whom 1,393 deaths occurred, equal to a fatality rate of 19.18 per cent. From these figures it appears that the fatality rate among cases treated in these general hospitals and those treated in emergency hospitals was practically the same. As a rule, only the more severe type of cases were admitted to hospitals, which accounts for the high fatality rates in these institutions.

Four hundred and thirty-six municipalities report treatment given to 12,862 cases in private homes by 67 physicians in the employ of, or working under the supervision of, local boards of health, at a total cost of $9,992.00. Nursing relief was furnished in 8,522 cases in private homes by 229 nurses in the employ of or working under the direction of local boards of health, at a cost of $9,209.73.

Two hundred and sixty-one municipalities, in which the aggregate population was about 2,445,000, report that 1,724 practicing physicians were residing in these municipalities when the epidemic occurred. Of this number 165 were reported to have contracted influenza or pneumonia from which 16 died, equal to a case incidence of 9.34 per cent and a fatality rate of 9.93 per cent. According to the information there was an average of one physician to about 1,360 of the population in these municipalities.

One group of 50 municipalities, representing a population of about 565,000, reported that 178 non-resident physicians were secured for emergency medical relief work at some time during the epidemic, 3 of whom died of pneumonia contracted while thus employed.

SMALLPOX.

Smallpox has been unusually prevalent during the past eighteen months, principally in the southern part of the state. Out of 172 cases reported the majority was connected with three independent outbreaks, two of which originated in Atlantic and one in Gloucester county. One of the outbreaks in Atlantic county is believed to have been responsible for 44 cases that occurred in three municipalities in that county, 50 cases that occurred in six municipalities in Cape May county, 7 cases in one municipality in Camden county and 25 cases in six municipalities in Burlington county.

The source of infection causing the outbreak in Gloucester county was definitely traced to a negro woman who came to Paulsboro from Essex county, Virginia, while broken out with an eruption alleged to have been diagnosed as chickenpox before leaving her southern home for New Jersey. The original source of infection causing the outbreaks in Atlantic county was not established in either case, probably owing to the fact that in both outbreaks several weeks had elapsed before an investigation was started. There can be no doubt, however, but that the spread of the disease was directly due to failure on the part of physicians to report cases diagnosed as chickenpox in the early stages of both outbreaks.

That many physicians are still delinquent in reporting cases of chickenpox was demonstrated in the investigations conducted by this Bureau in each of the outbreaks of smallpox above referred to, notwithstanding this disease has been reportable for many years. If the cases occurring early in these outbreaks had been reported as chickenpox, in all probability such reports would have attracted the attention of health officers and lead to a corrected diagnosis in time to have prevented wide-spread infection. When any considerable number of cases is being reported and the proportion of cases is as high among adults as among children, the diagnosis is not likely to be accepted without question by a competent health officer.

Other sporadic cases and small localized outbreaks of smallpox, due to independent sources of infection, occurred in Burlington, Camden, Cumberland, Essex, Gloucester, Hudson, Hunterdon, Monmouth, Morris and Passaic counties. Most of these isolated cases and localized outbreaks were due to infection received in other states.

There were no fatalities from the 172 cases of smallpox reported during the past twenty months. None were due to a "virulent" type of infection and none of the patients were seriously ill. However, an outbreak due to infection from what has come to be recognized as a "non-virulent" form of the disease is treated by the average local board of health in as drastic a manner as one due to a "virulent" type of infection. The fact that the former seldom, if ever, results in more than economic loss, while an outbreak caused by a "virulent" type of infection is usually accompanied by a high death-rate, as well

as an economic loss and prolonged cases of severe illness, is seldom taken into consideration by local health officials. Perhaps this is due in a measure to the dread with which the general public looks upon this disease, while the more common communicable diseases receive scant attention notwithstanding they are responsible for a greater amount of sickness and more deaths.

OUTBREAKS OF GASTRO ENTERITIS.

During the early part of January, 1918, an explosive and wide-spread outbreak of gastro enteritis occurred in the city of Elizabeth and nearby communities and caused much alarm until it became apparent that the outbreak was not due to typhoid infection and it was found that persons affected were not made dangerously ill. At about the same time an entirely independent outbreak of the same character occurred in a group of municipalities in Essex, Hudson and Passaic counties. In some municipalities more than 15 per cent of the population are believed to have been affected. Many persons were made quite ill but the majority of the cases cleared up within two or three days. Specimens for laboratory examination were collected from a number of patients in an effort to establish a positive diagnosis but the results were negative.

According to data collected in epidemiological investigations that were conducted, it seemed altogether probable that the public water supply was at fault in each outbreak, but this could not be definitely proven in either case. Outbreaks of a similar character were reported in other states at about the same time of the year, all occurring after a prolonged spell of severe cold weather and generally attributed to some unknown causative agent distributed through the public water supplies.

TYPHOID FEVER.

During the great part of the past twenty months conditions have prevailed in many parts of the state which might reasonably be expected to result in an abnormally high typhoid fever rate. Housing accommodations were inadequate in many industrial centers to which people were attracted from all parts of the country by the high wages which were paid, and where they were obliged to live under sanitary conditions that, in many cases, were far from ideal. In spite of these conditions there have been no typhoid outbreaks of any considerable size during the past twenty months, and there were fewer cases and deaths reported in 1918 than in any year since 1910.

That typhoid fever has not been more prevalent under these conditions must be very largely due to anti-typhoid vaccination, compulsory in all branches of military service, that was strongly advocated in many industrial plants during the war. Furthermore, since this country began active preparations for war, sanitary regulations for

the prevention of the spread of communicable diseases have been more generally and vigorously enforced than ever before. This has included supervision over food vending establishments and, in some cases, medical examination of food handlers, both measures being important factors in preventing the spread of typhoid fever.

Since 1910 there has been a yearly diminution in the number of deaths from typhoid fever in New Jersey, as will be seen by reference to Table 2. Improvement of public water supplies has doubtless had more to do in producing this result than any other one factor. Supervision over the milk supply has also helped in a measure, particularly where pasteurization has been practiced for commercial reasons or required as a public health measure. If health officials would require the abolishment of insanitary privies in municipalities in which there are sewers, and if regulations should be rigidly enforced requiring safe methods of disposal of human excrement in all communities and in rural districts where there are no sewers, the death-rate from typhoid would become a negligible factor. The necessity of this work in the rural districts is emphasized by the fact that the death-rate from this disease in 1918 was practically twice as high in rural districts in the state as in the urban communities.

SCARLET FEVER.

There were more deaths from scarlet fever in 1918 than during the preceding year, although fewer cases were reported. The first six months of 1919 show a marked increase in the number of cases reported and a corresponding increase in the number of deaths.

DIPHTHERIA.

Diphtheria caused more deaths in 1918 than in either of the two years immediately preceding, yet there were fewer cases reported.

MEASLES.

Measles were unusually prevalent in most parts of the state during a portion of the year 1918. There were 28,310 cases and 523 deaths reported, exclusive of cases and deaths that occurred in military reservations within the state. The death-rate from measles in 1918 was 1.69 per 10,000 population, the highest recorded since 1896.

WHOOPING COUGH.

Whooping cough must have been far more prevalent in 1918 than is indicated by the 8,310 cases reported, since there were 562 deaths, equal to a fatality rate of 6.7 per cent.

TABLE 2.

TABULATION OF REPORTED CASES AND DEATHS FROM CERTAIN COMMUNICABLE DISEASES FOR THE 9 YEARS 1910–1918. (MEASLES AND WHOOPING COUGH WERE REPORTABLE ONLY SINCE JUNE 1ST, 1917.)

YEAR.	*Typhoid Fever.*		*Scarlet Fever.*		*Diphtheria.*		*Measles.*	*Whooping Cough.*
	Cases.	*Deaths.*	*Cases.*	*Deaths.*	*Cases.*	*Deaths.*	*Deaths.*	*Deaths.*
1910....	1,134	392	6,955	229	5,072	630	186	389
1911....	1,617	337	5,335	214	5,884	458	281	364
1912....	2,024	328	3,987	146	4,829	412	296	211
1913....	1,825	216	5,255	218	6,374	506	216	386
1914....	1,604	223	6,552	242	6,863	545	240	299
1915....	1,425	188	4,735	97	7,410	501	205	259
1916....	1,390	194	4,209	69	5,580	444	344	262
1917....	1,151	191	4,776	49	5,326	447	121	292
1918....	739	162	2,818	57	4,465	485	523	562

VENEREAL DISEASES.

The close of 1918 marked the first complete calendar year during which venereal diseases were reportable by law to the State Department of Health. During this time 12,115 cases have been reported: 9,530 cases from cantonments and military camps, 64 cases from industrial plants under Federal control or supervision, 231 cases from state institutions and 2,290 by private practitioners. The reports from military camps represent 78.6 per cent, those from state institutions and Federal industrial plants 2.4 per cent and those from physicians in private practice 18.9 per cent of the total cases reported.

TABLE 3.

NUMBER OF CASES OF VENEREAL DISEASES REPORTED TO THE STATE DEPARTMENT OF HEALTH FROM MILITARY CAMPS, INDUSTRIAL PLANTS UNDER FEDERAL SUPERVISION, STATE INSTITUTIONS AND FROM PRIVATE PHYSICIANS DURING THE CALENDAR YEAR 1918.

	Syphilis.	*Gonorrhea.*	*Chancroid.*	*Total.*
Military reports	987	8,110	433	9,530
State institution reports	226	5	0	231
Federal industrial reports	20	41	3	64
Physicians' reports	962	1,266	62	2,290
Totals	2,195	9,422	498	12,115

Of the 9,530 cases reported by the military authorities 1,443 were among persons who were residents of New Jersey at the time of induction into the military service. Inasmuch as the reports of these cases give the home addresses of the infected individuals, they have been considered as cases reported from the municipality in which the infected person resided when inducted into military service, and are shown by counties in Table 4, together with the cases reported by physicians in private practice.

TABLE 4.

NUMBER OF CASES OF VENEREAL DISEASES REPORTED DURING THE CALENDAR YEAR OF 1918 IN RESIDENTS OF NEW JERSEY BY MILITARY AUTHORITIES AND BY PRIVATE PRACTITIONERS.

COUNTY.	*Cases Reported from Military Sources.*	*Cases Reported Among Civilian Population.*
Atlantic	110	64
Bergen	27	78
Burlington	26	42
Camden	142	280
Cape May	9	6
Cumberland	25	42
Essex	347	820
Gloucester	42	16
Hudson	273	161
Hunterdon	13	11
Mercer	92	222
Middlesex	48	26
Monmouth	50	100
Morris	18	70
Ocean	5	4
Passaic	72	229
Salem	56	3
Somerset	10	14
Sussex	4	8
Union	64	84
Warren	10	10
State	1,443	2,290

Comparison of the number of cases reported by the military authorities in residents of New Jersey and those reported by physicians in private practice, appears to indicate failure on the part of the latter to report cases in certain localities, notably in Salem, Cape May, Atlantic and Hudson counties.

In comparing the total number of cases of each of the three venereal diseases reported by the military authorities with the number reported by physicians in private practice, it appears that the private practitioners have been more remiss in reporting cases of gonorrhea and chancroid than in reporting syphilis, as may be seen by reference to Table 3. This may be partly accounted for by the practice of checking the reports of all positive Wasserman examinations made in the State Laboratory of Hygiene with the cases of syphilis reported, and where specimens giving a four plus Wasserman were not followed in due time by a case report, a follow-up letter was sent to the physician asking for an explanation.

The number of cases of venereal diseases reported by private practitioners, together with the indicated case rates per 1,000 population as shown by these reports, is shown by counties in the following table, with the counties arranged in the order of indicated decreasing case rates:

TABLE 5.

NUMBER OF CASES OF VENEREAL DISEASES REPORTED BY PRIVATE PHYSICIANS DURING THE CALENDAR YEAR 1918, ARRANGED BY COUNTIES IN THE ORDER OF INDICATED DECREASING CASE RATES.

COUNTY.	*Population.*	*Cases.*	*Rate per 1,000 Population.*
Camden	170,604	280	1.67
Mercer	150,837	222	1.47
Essex	640,756	820	1.26
Passaic	266,356	229	.86
Morris	82,641	70	.84
Cumberland	58,445	42	.72
Atlantic	93,183	64	.68
Burlington	73,484	42	.57
Union	174,147	84	.48
Monmouth	105,272	100	.47
Bergen	187,511	78	.41
Hunterdon	32,789	11	.38
Gloucester	41,909	16	.37
Somerset	43,700	14	.32
Sussex	28,981	8	.28
Hudson	662,897	161	.24
Cape May	25,185	6	.23
Warren	47,691	10	.20
Middlesex	143,239	26	.18
Ocean	22,624	4	.17
Salem	28,219	3	.10
State	3,080,370	2,290	.74

The relation which the indicated case rate of venereal diseases reported in the civilian population in 1918 bears to the density of the population by counties is shown in Table 6, in which the counties are arranged in the order of decreasing density of population:

TABLE 6.

INDICATED CASE RATE OF VENEREAL DISEASES REPORTED IN THE CIVILIAN POPULATION IN 1918, COMPARED WITH DENSITY OF POPULATION.

COUNTY.	*Population per Square Mile.*	*Indicated Case Rate per 1,000.*
Hudson	13,416	.24
Essex	5,045	1.26
Union	1,690	.48
Passaic	1,345	.86
Bergen	794	.41
Camden	782	1.67
Mercer	667	1.47
Middlesex	459	.18
Monmouth	219	.47
Morris	174	.84
Atlantic	164	.68
Somerset	143	.32
Warren	131	.20

COUNTY.	Population per Square Mile.	Indicated Case Rate per 1,000.
Gloucester	128	.37
Cumberland	114	.72
Cape May	99	.23
Burlington	84	.57
Salem	78	.10
Hunterdon	74	.38
Sussex	54	.28
Ocean	38	.17
State	409	.74

The relationship which the indicated case rate of venereal diseases reported by physicians in private practice bears to the percentage of urban population represented in each county is shown in Table 7. For the purpose of this tabulation incorporated municipalities having 2,500 population and over are considered as urban, with which are included the township of North Bergen and a few smaller municipalities in Bergen county whose geographical relations are such as to give them the characteristics of larger communities.

TABLE 7.

INDICATED CASE RATE OF VENEREAL DISEASES REPORTED BY PRIVATE PHYSICIANS IN THE URBAN CIVILIAN POPULATION DURING 1918.

COUNTY.	Percentage of Urban Population.	Indicated Case Rate per 1,000 Population.
Hudson	99.3	.24
Passaic	98.2	.86
Essex	97.2	1.26
Union	92.5	.46
Mercer	84.5	1.47
Atlantic	83.7	.68
Camden	82.8	1.67
Middlesex	72.8	.18
Bergen	70.7	.41
Cumberland	58.7	.72
Salem	53.4	.10
Monmouth	50.0	.47
Warren	46.8	.20
Morris	44.2	.84
Somerset	42.4	.32
Cape May	29.2	.23
Gloucester	28.9	.37
Sussex	26.4	.28
Hunterdon	24.5	.38
Burlington	22.3	.57
Ocean	00.0	.17
State	81.1	.74

The indicated case rates of venereal diseases reported by physicians in private practice in municipalities of various populations are shown in the following table:

TABLE 8.

INDICATED CASE RATES OF VENEREAL DISEASES REPORTED BY PHYSICIANS IN PRIVATE PRACTICE DURING 1918, IN MUNICIPALITIES FALLING WITHIN VARIOUS POPULATION GROUPS.

Group.	Population.	No. of Municipalities in Group	Indicated Case Rate per 1,000.
	(Incorporated Municipalities.)		
1.	Over 100,000	5	1.19
2.	50,000 to 100,000	5	.37
3.	25,000 to 50,000	9	.48
4.	15,000 to 25,000	10	.78
5.	10,000 to 15,000	8	1.07
6.	5,000 to 10,000	33	.44
7.	4,000 to 5,000	18	.43
8.	3,000 to 4,000	14	.19
9.	2,000 to 3,000	28	.51
10.	1,000 to 2,000	55	.40
11.	Less than 1,000	74	.23
	(Townships.)		
12.	Over 10,000	8	.25
13.	5,000 to 10,000	14	.45
14.	4,000 to 5,000	15	.14
15.	3,000 to 4,000	18	.17
16.	2,000 to 3,000	46	.35
17.	1,000 to 2,000	77	.30
18.	Less than 1,000	55	.16

Cases of venereal diseases were reported by private physicians from 190 of the 504 municipalities in the state. The number of municipalities from which cases were reported are shown in the following table, with the municipalities grouped according to their population:

TABLE 9.

NUMBER OF MUNICIPALITIES FROM WHICH REPORTS OF VENEREAL DISEASES WERE RECEIVED AND THE NUMBER FROM WHICH NO CASES WERE REPORTED DURING 1918.

Group.	Population.	No. Reporting.	No. Not Reporting.	Percentage Reporting.
	(Incorporated Municipalities.)			
1.	Over 100,000	5	0	100
2.	50,000 to 100,000	5	0	100
3.	25,000 to 50,000	9	0	100
4.	15,000 to 25,000	10	0	100
5.	10,000 to 15,000	8	0	100
6.	5,000 to 10,000	26	7	79
7.	4,000 to 5,000	15	3	83
8.	3,000 to 4,000	7	7	50
9.	2,000 to 3,000	16	15	51
10.	1,000 to 2,000	18	38	32
11.	Less than 1,000	8	75	10
	(Townships.)			
12.	Over 10,000	6	2	75
13.	5,000 to 10,000	11	2	84
14.	4,000 to 5,000	4	11	26
15.	3,000 to 4,000	8	10	44
16.	2,000 to 3,000	19	27	41
17.	1,000 to 2,000	13	64	17
18.	Less than 1,000	2	53	3

TABLE 10.

NUMBER OF CASES AND INDICATED CASE RATE OF VENEREAL DISEASES REPORTED BY PRIVATE PHYSICIANS IN MUNICIPALITIES OF OVER 50,000 POPULATION DURING 1918.

MUNICIPALITY.	*Population.*	*No. of Cases.*	*Cases per 1,000 Population.*
Group 1—Over 100,000 Population:			
Newark City	428,682	627	1.46
Jersey City	318,769	62	.19
Paterson City	142,581	197	1.38
Trenton City	116,355	192	1.38
Camden City	110,001	245	2.22
	1,116,388	1,323	1.19
Group 2—50,000 to 100,000 Population:			
Elizabeth City	90,970	41	.45
Hoboken City	79,434	26	.32
Passaic City	77,212	13	.16
Bayonne City	74,515	12	.16
Atlantic City	61,368	50	.81
	383,499	142	.37

COMMUNICABLE DISEASES ON DAIRY PREMISES.

During the past twenty months communicable diseases known to be transmissible through milk were reported on 69 dairies. In only 10 of these was it found necessary to prohibit the sale of milk during the infectivity of the patient. Effectual isolation or removal of the patient from the premises was found to be efficacious in preventing the spread of infection in the remainder of the cases.

MORBIDITY REPORTS.

During the year 1918 reports of 385,142 cases of reportable diseases were received in the Bureau of Local Health Administration, exceeding by nine times the total number of cases reported during 1917 and thirteen times the number reported during 1916.

TABLE 11.

NUMBER OF CASES OF REPORTABLE DISEASES REPORTED TO THE STATE DEPARTMENT OF HEALTH DURING THE YEARS 1916, 1917 AND 1918.

	1916.	1917.	1918.
Cases of diseases reportable prior to 1917	29,011	27,308	61,441
Additional diseases made reportable since 1916	0	13,092	310,866
Cases of above two classes reported from military posts	0	847	12,835
Totals	29,011	41,247	385,142

Measles, whooping cough and several other less common diseases made reportable by an amendment to the State Sanitary Code, which took effect June 1st, 1917, accounts for the marked increase in the total number of morbidity reports received in 1917 over the total number of cases reported in 1916. The epidemic of influenza explains the large increase in the number of morbidity reports in 1918. Barring epidemics of unusual magnitude, we may reasonably expect to receive reports of about seventy-five or eighty thousand cases of preventable diseases in 1919.

Based on reported cases and deaths the indicated fatality rates from diphtheria, typhoid fever and tuberculosis show a substantial increase in 1917 over the fatality rates for the same diseases in 1916. A still further increase in the fatality rate from all three of these diseases occurred in 1918. The indicated fatality rate for scarlet fever in 1917 shows a slight increase over the rate for 1916, and the rate in 1918 is twice as high as it was in 1917. From these results it would at first appear that these four diseases have been more fatal in the past two years. However, this is probably not true, since the case incidence has steadily declined during the same period of time. These results probably mean poor reporting in 1917 and 1918 rather than an actual increase in fatality rates. A large number of physicians were serving in the army in 1917 and 1918 which made it more difficult to find physicians to attend cases of illness in the civilian population than it was before the war, and this would possibly have a tendency to cause parents to neglect to call a physician for cases of slight illness in the family, and in this wise many cases of reportable diseases may have been overlooked. Furthermore, experience has shown that, as a rule, physicians who have graduated in more recent years take greater pains to report communicable diseases than many older practitioners, and it was the younger members of the medical profession who were inducted into military service.

The volume of clerical work involved in handling morbidity reports during the 1918 epidemic of influenza was so great that it has not been possible to transfer the data from all reported cases of communicable diseases in time to furnish standard tables for publication in this report. It will, therefore, be necessary to defer publication of these tables for 1918 until the next annual report is issued. Standard tables for cases of communicable diseases reported in 1917 accompany this report inasmuch as these tables have not yet been published.

NUMBER OF CASES OF CHICKENPOX REPORTED DURING THE CALENDAR YEAR 1917 BY AGE GROUPS AND MONTHS.

AGE GROUP.	Number of Cases. Total.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year ..	337	64	40	46	55	34	30	7	1	2	12	13	33
1 year	388	43	32	72	49	45	37	21	4	...	7	32	9
2 years	461	51	64	78	61	59	43	17	3	3	6	50	44
3 years	468	51	55	79	68	62	44	16	3	3	4	47	50
4 years	624	87	77	83	88	65	59	18	7	3	24	41	71
Under 5 years ..	2,278	302	288	358	321	266	213	79	20	11	53	183	234
5 to 9 years..	3,971	497	552	609	473	441	328	47	14	18	173	356	433
10 to 14 years..	576	59	68	117	83	68	40	12	1	2	20	36	70
15 to 19 years..	114	13	11	14	17	20	7	2	1	...	3	8	18
20 to 24 years..	64	3	6	10	11	5	5	3	...	1	1	5	10
25 to 34 years..	57	5	8	11	10	5	4	...	2	...	1	5	4
35 to 44 years..	16	3	3	3	1	2	...	...	...	...	1	1	...
45 to 54 years..	8	...	1	....	1	2	...	...	...	...	2	1	...
55 to 64 years..	1	...	...	....	...	...	...	...	...	...	...	...	1
65 yrs. and over.	1	...	...	....	...	1	...	...	...	...	...	...	...
Unknown age ..	10	1	...	....	...	4	1	1	...	...	1	2	...
Total	7,096	883	937	1,122	917	814	602	144	38	32	257	578	772

NUMBER OF CASES AND DEATHS FROM CHICKENPOX REPORTED DURING THE CALENDAR YEAR 1917 BY AGE GROUPS AND SEX.

AGE GROUP.	Male. Cases.	Male. Deaths.	Female. Cases.	Female. Deaths.	Total. Cases.	Total. Deaths.
Under 1 year	188	....	149	....	337	....
1 year	184	....	204	....	388	....
2 years	239	....	222	....	461	....
3 years	234	....	234	....	468	....
4 years	322	....	302	....	624	....
Under 5 years	1,167	....	1,111	....	2,278	....
5 to 9 years	1,983	....	1,988	....	3,971	....
10 to 14 years	289	....	287	....	576	....
15 to 19 years	63	....	51	....	114	....
20 to 24 years	29	....	35	....	64	....
25 to 34 years	44	....	13	....	57	....
35 to 44 years	10	....	6	....	16	....
45 to 54 years	5	....	3	....	8	....
55 to 64 years	1	....	....	....	1	....
65 years and over	1	....	....	....	1	....
Age unknown	8	....	2	....	10	....
Total	3,600	....	3,496	....	7,096	....

NUMBER OF CASES OF DIPHTHERIA REPORTED DURING THE CALENDAR YEAR 1917 BY AGE GROUPS AND MONTHS.

AGE GROUP.	Number of Cases. Total.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year ...	95	...	11	14	8	5	6	4	2	19	6	11	9
1 year	306	23	26	22	32	26	20	11	17	31	41	26	31
2 years	495	51	46	39	42	35	30	33	29	34	52	36	34
3 years	514	54	43	33	38	42	37	28	22	39	36	35	47
4 years	508	44	29	31	41	41	35	42	23	37	65	39	31
Under 5 years...	1,918	172	155	159	161	149	128	118	84	160	220	210	202
5 to 9 years...	2,057	170	143	147	144	146	139	126	89	169	264	304	212
10 to 14 years...	366	44	56	49	32	42	43	35	27	38	68	84	48
15 to 19 years...	223	27	18	36	19	14	12	11	10	18	16	15	18
20 to 24 years...	163	22	16	13	16	12	9	7	11	8	11	20	15
25 to 34 years...	247	27	21	21	28	17	19	23	14	9	20	15	23
35 to 44 years...	106	12	11	11	10	6	9	8	4	6	6	12	10
45 to 54 years...	21	1	1	2	1	3	2	1	1	...	2	1	2
55 to 64 years...	12	1	2	...	...	1	1	1	...	...	...	2	3
65 yrs. and over.	5	...	...	1	1	1	...	...	...	...	...	...	1
Unknown age ...	8	...	...	...	4	1	1	...	...	...	...	2	...
Total	5,326	476	423	439	416	395	363	330	249	408	609	677	541

NUMBER OF CASES AND DEATHS FROM DIPHTHERIA REPORTED DURING THE CALENDAR YEAR 1917 BY AGE GROUPS AND SEX.

AGE GROUP.	Male. Cases.	Male. Deaths.	Female. Cases.	Female. Deaths.	Total. Cases.	Total. Deaths.
Under 1 year	55	....	40	....	95	32
1 year	172	....	134	....	306	76
2 years	273	....	222	....	495	71
3 years	255	....	259	....	514	57
4 years	231	....	257	....	508	43
Under 5 years	1,006	....	912	....	1,918	279
5 to 9 years	1,019	....	1,038	....	2,057	129
10 to 14 years	259	....	307	....	366	27
15 to 19 years	87	....	136	....	223	
20 to 24 years	54	....	109	....	163	
25 to 34 years	78	....	169	....	247	
35 to 44 years	34	....	72	....	106	12
45 to 54 years	8	....	13	....	21	
55 to 64 years	6	....	6	....	12	
65 years and over	1	....	4	....	5	
Age unknown	3	....	5	....	8	....
Total	2,555	284	2,771	213	5,326	447

NUMBER OF CASES OF MALARIA REPORTED DURING THE CALENDAR YEAR 1917 BY AGE GROUPS AND MONTHS.

AGE GROUP.	Number of Cases. Total.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	2	...	...	...	...	...	...	1	1	...	...	...	...
1 year	1	...	...	...	...	...	...	1	...	...	...	...	...
2 years	1	...	...	...	...	1	...	...	...	...	...	...	...
3 years	6	...	...	...	1	...	2	1	1	...	...	...	...
4 years	2	...	...	...	...	...	...	...	...	...	...	...	...
Under 5 years	12	...	...	...	2	2	2	4	3	...	...	...	...
5 to 9 years	17	...	...	...	1	2	3	4	3	3	...	...	...
10 to 14 years	15	...	...	...	...	1	2	3	3	1	...	1	...
15 to 19 years	16	...	1	...	4	2	2	3	1	...	...	...	...
20 to 24 years	15	...	1	1	...	1	2	3	3	2	...	...	1
25 to 34 years	29	...	...	...	2	2	4	5	5	4	2	...	...
35 to 44 years	29	...	...	2	...	2	3	6	4	2	2	1	2
45 to 54 years	12	...	1	...	...	...	1	2	3	2	1	...	...
55 to 64 years	8	...	...	1	1	3	...	...	2	1	...	1	...
65 yrs. and over.	2	...	...	...	...	...	...	1	1	...	...	...	...
Unknown age	1	...	...	...	...	...	...	1	...	...	...	...	...
Total	156	...	3	4	10	17	22	33	30	19	10	5	3

NUMBER OF CASES AND DEATHS FROM MALARIA REPORTED DURING THE CALENDAR YEAR 1917 BY AGE GROUPS AND SEX.

AGE GROUP.	Male. Cases.	Male. Deaths.	Female. Cases.	Female. Deaths.	Total. Cases.	Total. Deaths.
Under 1 year	1	....	1	....	2	....
1 year	1	....	....	....	1	....
2 years	1	....	....	....	1	....
3 years	4	....	2	....	6	....
4 years	....	....	2	....	2	....
Under 5 years	7	....	5	....	12	....
5 to 9 years	10	....	7	....	17	1
10 to 14 years	7	....	8	....	15	....
15 to 19 years	12	....	4	....	16	....
20 to 24 years	8	....	7	....	15	....
25 to 34 years	22	....	7	....	29	....
35 to 44 years	20	....	9	....	29	....
45 to 54 years	5	....	7	....	12	4
55 to 64 years	3	....	5	....	8	....
65 years and over	2	....	....	....	2	....
Unknown age	....	....	1	....	1	....
Total	96	3	60	2	156	5

NUMBER OF CASES OF POLIOMYELITIS REPORTED DURING THE CALENDAR YEAR 1917 BY AGE GROUPS AND MONTHS.

AGE GROUP.	Number of Cases. Total.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	11	1	...	3	1	1	2	1	1	1	...	...	...
1 year	15	2	...	...	3	1	4	2	1	1	...	...	1
2 years	15	2	1	2	...	3	2	2	1	2	...	...	...
3 years	6	...	...	...	...	...	...	3	1	1	1	...	...
4 years	7	...	1	...	...	3	1	1	1	...	...	...	...
Under 5 years	54	5	2	5	4	8	9	9	5	5	1	...	1
5 to 9 years	11	...	...	1	...	1	1	3	3	1	...	1	...
10 to 14 years	16	1	...	3	...	4	2	...	2	...	2	2	...
15 to 19 years	4	...	...	...	...	...	1	1	1	1	...	...	...
20 to 24 years	...	...	...	...	...	...	...	...	...	...	...	...	...
25 to 34 years	2	...	...	1	...	...	...	...	...	1	...	...	...
35 to 44 years	2	...	1	...	...	1	...	...	...	...	...	...	...
45 to 54 years	...	...	...	...	...	...	...	...	...	...	...	...	...
55 to 64 years	1	...	1	...	...	...	...	...	...	...	...	...	...
65 yrs. and over.	1	...	...	...	1	...	...	...	...	...	...	...	...
Unknown age	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	91	7	3	10	5	14	13	13	11	8	3	3	1

NUMBER OF CASES AND DEATHS FROM POLIOMYELITIS REPORTED DURING THE CALENDAR YEAR 1917 BY AGE GROUPS AND SEX.

AGE GROUP.	Male. Cases.	Male. Deaths.	Female. Cases.	Female. Deaths.	Total. Cases.	Total. Deaths.
Under 1 year	7	....	4	....	11	....
1 year	7	....	8	....	15	....
2 years	8	....	7	....	15	....
3 years	3	....	4	....	7	....
4 years	3	....	2	....	5	....
Under 5 years	29	....	25	....	54	....
5 to 9 years	7	....	4	....	11	....
10 to 14 years	7	....	9	....	16	....
15 to 19 years	4	....	....	....	4	....
20 to 24 years	....	....	....	....	....	....
25 to 34 years	....	....	2	....	2	....
35 to 44 years	1	....	1	....	2	....
45 to 54 years	....	....	....	....	....	....
55 to 64 years	1	....	....	....	1	....
65 years and over	1	....	....	....	1	....
Unknown age	....	....	....	....	....	....
Total	50	....	41	....	91	....

NUMBER OF CASES OF SCARLET FEVER REPORTED DURING THE CALENDAR YEAR 1917 BY AGE GROUPS AND MONTHS.

AGE GROUP.	Number of Cases.												
	Total.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year ...	24	4	2	5	2	1	...	2	2	...	2	2	2
1 year	78	4	7	15	11	6	6	7	3	5	6	4	7
2 years	224	21	27	24	29	26	16	14	11	6	15	17	18
3 years	345	49	47	44	41	34	29	12	7	12	21	20	29
4 years	372	46	48	55	50	43	20	17	11	8	15	27	32
Under 5 years...	1,043	124	131	143	133	110	71	52	34	28	59	70	88
5 to 9 years...	2,154	244	245	321	236	256	161	76	44	75	159	188	149
10 to 14 years...	933	107	114	148	105	124	77	25	17	32	52	72	60
15 to 19 years...	248	29	41	58	23	24	15	5	3	4	7	17	22
20 to 24 years...	196	21	25	39	29	20	15	5	1	7	4	14	16
25 to 34 years...	148	11	15	27	16	16	12	5	4	6	5	9	22
35 to 44 years...	40	5	7	2	7	8	2	1	...	...	3	1	4
45 to 54 years...	8	...	1	1	...	2	1	1	...	...	1	...	1
55 to 64 years...	2	...	1	1	...	...	...	...	...	...	...	...	...
65 yrs. and over,	...	...	...	...	...	...	...	...	...	...	...	...	...
Unknown age ...	8	1	1	3	...	1	2	...	...	...	...	...	...
Total	4,780	542	581	743	549	561	356	170	103	152	290	371	362

NUMBER OF CASES AND DEATHS FROM SCARLET FEVER REPORTED DURING THE CALENDAR YEAR 1917 BY AGE GROUPS AND SEX.

AGE GROUP.	Male.		Female.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Under 1 year	11	....	13	....	24	7
1 year	44	....	34	....	78	6
2 years	108	....	116	....	224	13
3 years	175	....	170	....	345	3
4 years	190	....	182	....	372	3
Under 5 years	528	....	515	....	1,043	32
5 to 9 years	1,040	....	1,114	....	2,154	7
10 to 14 years	423	....	510	....	933	6
15 to 19 years	119	....	129	....	248	
20 to 24 years	88	....	108	....	196	
25 to 34 years	57	....	91	....	148	
35 to 44 years	14	....	26	....	40	3
45 to 54 years	7	....	1	....	8	
55 to 65 years	1	....	1	....	2	
65 years and over	....	....	....	....	....	
Unknown age	....	....	8	....	8	....
Total	2,277	29	2,503	19	4,780	48

NUMBER OF CASES OF SMALLPOX REPORTED DURING THE CALENDAR YEAR 1917 BY AGE GROUPS AND MONTHS.

AGE GROUP.	Number of Cases.												
	Total.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year ...	...	...	...	...	...	...	...	...	...	...	...	...	...
1 year	1	...	...	1	...	...	...	...	...	...	...	...	...
2 years	...	...	...	...	...	...	...	...	...	...	...	...	...
3 years	...	...	...	...	...	...	...	...	...	...	...	...	...
4 years	...	...	...	...	...	...	...	...	...	...	...	...	...
Under 5 years...	1	...	...	1	...	...	...	...	...	...	...	...	...
5 to 9 years...	1	...	...	...	...	...	1	...	...	...	...	...	...
10 to 14 years...	...	...	...	...	...	...	...	...	...	...	...	...	...
15 to 19 years...	...	...	...	...	...	...	...	...	...	...	...	...	...
20 to 24 years...	2	1	...	1	...	...	...	...	...	...	...	...	...
25 to 34 years...	1	...	...	...	...	1	...	...	...	...	...	...	...
35 to 44 years...	1	1	...	...	...	...	...	...	...	...	...	...	...
45 to 54 years...	...	...	...	...	...	...	...	...	...	...	...	...	...
55 to 64 years...	...	...	...	...	...	...	...	...	...	...	...	...	...
65 yrs. and over,	...	...	...	...	...	...	...	...	...	...	...	...	...
Unknown age ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	6	2	...	2	...	1	1	...	...	...	...	...	...

NUMBER OF CASES AND DEATHS FROM SMALLPOX REPORTED DURING THE CALENDAR YEAR 1917 BY AGE GROUPS AND SEX.

AGE GROUP.	Male.		Female.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Under 1 year	....	....	....	....	....	....
1 year	....	....	1	....	1	....
2 years	....	....	....	....	....	....
3 years	....	....	....	....	....	....
4 years	....	....	....	....	....	....
Under 5 years	....	....	1	....	1	....
5 to 9 years	1	....	....	....	1	....
10 to 14 years	....	....	....	....	....	....
15 to 19 years	....	....	....	....	....	....
20 to 24 years	2	....	....	....	2	....
25 to 34 years	1	....	....	....	1	....
35 to 44 years	1	....	....	....	1	....
45 to 54 years	....	....	....	....	....	....
55 to 64 years	....	....	....	....	....	....
65 years and over	....	....	....	....	....	....
Unknown age	....	....	....	....	....	....
Total	5	0	1	0	6	0

NUMBER OF CASES OF TUBERCULOSIS REPORTED DURING THE CALENDAR YEAR 1917 BY AGE GROUPS AND MONTHS.

AGE GROUP.	Number of Cases. Total.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	79	6	6	10	10	8	8	9	3	3	5	4	7
1 year	61	2	2	6	12	11	6	3	4	2	4	5	4
2 years	81	8	3	9	15	15	4	4	3	4	4	5	1
3 years	70	10	2	6	8	10	11	5	4	1	3	2	1
4 years	49	10	1	4	8	7	4	5	3	1	3	2	1
Under 5 years	340	36	14	35	53	51	33	26	26	15	22	15	14
5 to 9 years	350	35	23	45	35	46	32	27	14	19	39	30	17
10 to 14 years	438	32	33	44	47	60	41	41	35	39	26	24	26
15 to 19 years	631	61	44	69	59	57	61	53	42	34	37	41	33
20 to 24 years	1,067	90	100	119	73	85	67	111	96	86	84	71	85
25 to 34 years	2,202	197	183	223	177	190	176	188	207	154	189	163	155
35 to 44 years	1,569	173	127	141	128	139	126	134	134	119	136	111	101
45 to 54 years	944	94	76	131	86	80	86	74	88	49	77	58	45
55 to 64 years	428	52	33	31	41	37	33	34	41	27	39	28	32
65 yrs. and over	171	15	17	21	20	17	17	9	12	12	9	7	15
Unknown age	38	...	7	1	3	5	4	1	3	1	3	4	2
Total	8,178	785	657	860	724	767	677	698	698	562	671	558	521

NUMBER OF CASES AND DEATHS FROM TUBERCULOSIS REPORTED DURING THE CALENDAR YEAR 1917 BY AGE GROUPS AND SEX.

AGE GROUP.	Male. Cases.	Male. Deaths.	Female. Cases.	Female. Deaths.	Total. Cases.	Total. Deaths.
Under 1 year	42	....	37	....	79	104
1 year	39	....	22	....	61	68
2 years	43	....	38	....	81	44
3 years	43	....	27	....	70	37
4 years	22	....	27	....	49	25
Under 5 years	189	....	151	....	340	268
5 to 9 years	190	....	160	....	350	68
10 to 14 years	231	....	207	....	438	374
15 to 19 years	282	....	349	....	631	
20 to 24 years	504	....	563	....	1,067	
25 to 34 years	1,287	....	915	....	2,202	
35 to 44 years	1,072	....	497	....	1,569	3,010
45 to 54 years	707	....	237	....	944	
55 to 64 years	327	....	101	....	428	
65 years and over	105	....	66	....	171	
Unknown age	25	....	13	....	38	....
Total	4,919	2,841	3,259	1,779	8,178	4,620

NUMBER OF CASES OF TYPHOID FEVER REPORTED DURING THE CALENDAR YEAR 1917 BY AGE GROUPS AND MONTHS.

AGE GROUP.	Number of Cases. Total.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	7	...	...	...	...	...	...	...	1	3	...	1	...
1 year	4	1	...	...	...	1	...	...	...	...	1	1	...
2 years	3	...	...	...	1	...	...	...	1	1	...	...	...
3 years	19	1	...	...	1	1	...	...	1	5	...	1	1
4 years	24	2	1	...	2	1	1	1	4	6	...	1	...
Under 5 years	57	4	1	...	4	3	...	1	8	17	1	4	1
5 to 9 years	128	9	1	...	6	3	...	6	31	33	14	9	7
10 to 14 years	168	14	...	...	4	...	...	14	27	48	13	16	9
15 to 19 years	165	9	...	...	5	1	...	5	11	40	35	2	7
20 to 24 years	182	12	2	10	10	3	11	14	25	45	26	10	14
25 to 34 years	231	13	12	22	14	17	11	12	34	41	23	22	10
35 to 44 years	105	3	2	5	4	5	5	6	17	26	7	8	3
45 to 54 years	73	3	1	5	5	2	1	4	14	9	8	7	1
55 to 64 years	21	...	...	...	1	2	1	2	4	4	...	1	2
65 yrs. and over	14	...	1	...	...	...	5	1	1	2	3	1	1
Unknown age	1	...	...	...	...	1	...	...	...	1	2	...	...
Total	1,151	73	39	53	53	44	54	71	201	259	163	89	52

NUMBER OF CASES AND DEATHS FROM TYPHOID FEVER REPORTED DURING THE CALENDAR YEAR 1917 BY AGE GROUPS AND SEX.

AGE GROUP.	Male. Cases.	Male. Deaths.	Female. Cases.	Female. Deaths.	Total. Cases.	Total. Deaths.
Under 1 year	7	....	....	....	7	....
1 year	2	....	2	....	4	....
2 years	1	....	2	....	3	1
3 years	13	....	6	....	19	1
4 years	10	....	14	....	24	1
Under 5 years	33	....	24	....	57	3
5 to 9 years	79	....	49	....	128	14
10 to 14 years	93	....	75	....	168	39
15 to 19 years	89	....	76	....	165	
20 to 24 years	118	....	64	....	182	
25 to 34 years	150	....	81	....	231	
35 to 44 years	63	....	42	....	105	138
45 to 54 years	44	....	29	....	73	
55 to 64 years	12	....	9	....	21	
65 years and over	9	....	5	....	14	
Unknown age	2	....	5	....	7	....
Total	692	128	459	66	1,151	194

MORBIDITY AND MORTALITY FROM CHICKENPOX.

COUNTIES.	Cases.			Cases per 1,000 Population.			Deaths.			Per Cent Fatality.		
	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.
Atlantic	111	141	122	1.26	1.55	1.31	0	0	0	0	0	0
Bergen	203	359	133	1.15	1.97	.70	1	0	0	.04	0	0
Burlington	40	109	50	.55	1.50	.68	0	0	0	0	0	0
Camden	256	228	105	1.56	1.37	.61	0	1	1	0	.4	.9
Cape May	16	13	12	.67	.53	.47	0	0	0	0	0	0
Cumberland	48	62	27	.83	1.06	.46	0	0	0	0	0	0
Essex	2,218	3,566	1,546	3.63	5.70	2.41	0	2	0	0	.05	0
Gloucester	48	64	35	1.17	1.54	.83	0	0	0	0	0	0
Hudson	606	631	241	.95	.97	.36	1	2	0	.01	.3	0
Hunterdon	8	55	23	.24	1.67	.70	0	0	0	0	0	0
Mercer	30	196	67	.20	1.32	.44	0	2	0	0	1.0	0
Middlesex	27	47	12	.19	.33	.08	0	0	0	0	0	0
Monmouth	161	123	48	1.56	1.18	.45	0	1	0	0	.8	0
Morris	38	188	11	.47	2.30	.13	0	0	0	0	0	0
Ocean	21	18	17	.94	.80	.75	0	0	0	0	0	0
Passaic	173	481	184	.68	1.84	.69	0	0	0	0	0	0
Salem	3	7	22	.10	.24	.78	0	0	0	0	0	0
Somerset	39	53	11	.91	1.22	.25	0	0	0	0	0	0
Sussex	9	15	6	.31	.52	.20	0	0	0	0	0	0
Union	299	729	286	1.80	4.28	1.64	1	0	1	.03	0	.3
Warren	5	4	0	.10	.08	0	0	0	0	0	0	.....
State	4,359	7,089	2,958	1.47	2.35	.95	3	8	2	.006	.1	.6
Military posts	.....	7	21	.....	.....	.....	.....	0	0	.....	.....	.....

MORBIDITY AND MORTALITY FROM DIPHTHERIA.

COUNTIES.	Cases.			Cases per 1,000 Population.			Deaths.			Per Cent Fatality.		
	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.
Atlantic	111	92	23	1.26	1.01	.24	17	13	3	15.3	14.1	13.0
Bergen	299	226	276	1.70	1.24	1.47	28	15	34	9.3	6.6	12.3
Burlington	99	80	89	1.37	1.10	1.21	8	14	7	8.0	17.5	7.8
Camden	237	244	193	1.44	1.46	1.13	34	32	29	14.3	13.1	16.7
Cape May	16	18	6	.67	.73	.23	1	1	1	6.2	5.5	16.6
Cumberland	103	89	62	1.78	1.53	1.06	7	8	6	6.7	8.9	9.6
Essex	1,438	1,276	1,222	2.35	2.04	1.90	88	82	108	6.1	6.4	8.8
Gloucester	19	50	42	.46	1.20	1.00	0	8	6	0	16.0	14.2
Hudson	1,386	1,050	1,122	2.19	1.62	1.69	91	103	126	6.5	9.8	11.2
Hunterdon	71	41	21	2.15	1.24	.64	2	1	2	2.8	2.4	9.5
Mercer	320	400	284	2.21	2.77	1.88	28	34	36	8.7	8.5	12.6
Middlesex	263	272	155	1.93	1.94	1.08	18	31	23	6.8	11.3	14.8
Monmouth	99	115	46	.96	1.10	.43	12	13	8	12.1	11.3	17.3
Morris	111	53	43	1.37	.64	.52	15	2	4	13.5	3.7	9.3
Ocean	19	6	16	.85	.26	.70	1	2	0	5.2	33.3	0
Passaic	407	631	447	1.60	2.42	1.67	40	39	42	9.8	6.1	9.3
Salem	33	18	26	1.18	.64	.92	8	1	3	24.2	5.5	11.5
Somerset	35	27	45	.82	.62	1.02	2	1	2	5.7	3.7	20.0
Sussex	13	26	7	.45	.90	.24	0	2	3	0	7.6	42.8
Union	429	544	311	2.58	3.19	1.78	36	40	31	8.3	7.3	9.9
Warren	71	65	29	1.52	1.37	.60	8	5	4	11.2	7.6	13.7
State	5,579	5,323	4,465	1.89	1.76	1.44	444	447	485	7.9	8.3	10.8
Military posts	.....	3	136	.....	.....	.....	.....	0	20	.....	.....	.....

MORBIDITY AND MORTALITY FROM INFLUENZA AND PNEUMONIA.

(Reportable since October 2d, 1918.)

COUNTIES.	INFLUENZA—1918.			PNEUMONIA—1918.		
	Cases.	Deaths.	Per Cent Fatality.	Cases.	Deaths.	Per Cent Fatality.
Atlantic	11,944	420	3.5	628	96	15.2
Bergen	12,806	579	4.5	767	287	37.4
Burlington	10,804	326	3.0	326	120	36.8
Camden	18,899	955	5.0	1,079	521	48.2
Cape May	1,870	42	2.2	63	10	15.8
Cumberland	12,295	287	2.3	237	121	51.0
Essex	45,262	1,849	4.0	4,758	1,144	24.0
Gloucester	7,357	215	2.9	298	78	26.1
Hudson	20,913	1,499	7.1	489	1,391	*
Hunterdon	4,351	100	2.2	202	54	26.7
Mercer	37,123	899	2.4	2,687	335	12.4
Middlesex	46,626	791	1.6	3,057	407	13.3
Monmouth	7,415	269	3.6	422	135	31.9
Morris	6,512	506	7.7	351	135	38.4
Ocean	2,074	51	2.4	107	20	18.6
Passaic	16,382	853	5.2	1,197	346	28.9
Salem	4,075	155	3.8	240	41	17.0
Somerset	4,763	210	4.4	238	86	36.1
Sussex	2,955	165	5.5	104	36	34.6
Union	14,063	538	3.8	679	464	68.3
Warren	4,350	254	5.8	98	47	47.9
State	292,839	10,963	3.7	18,027	5,874	32.6
Military posts	799	1,227	.....	88	244	.....

*More deaths than cases reported.

MORBIDITY AND MORTALITY FROM MALARIA.

COUNTIES.	Cases.			Cases per 1,000 Population.			Deaths.			Per Cent Fatality.		
	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.
Atlantic	0	0	1	0	0	.01	0	0	2	.....	.....	*
Bergen	28	13	23	.15	.07	.12	1	1	2	3.5	7.7	8.6
Burlington	0	11	16	0	.15	.21	0	0	0	.....	0	0
Camden	3	1	20	.01	.006	.11	0	0	0	0	0	0
Cape May	1	0	0	.04	0	0	0	0	0	.....	.....	.....
Cumberland	0	0	0	0	0	0	0	0	0	0	.....	.....
Essex	70	43	53	.11	.06	.08	0	0	0	.....	.....	.....
Gloucester	2	0	3	.04	0	.07	0	0	0	0	0	0
Hudson	6	6	13	.009	.009	.01	4	1	0	66.6	16.6	0
Hunterdon	0	0	0	0	0	0	0	0	1	.....	.....	*
Mercer	12	13	8	.08	.08	.05	0	0	1	0	0	12.5
Middlesex	7	5	32	.05	.03	.22	0	1	1	0	20.0	0
Monmouth	2	1	1	.01	.009	.009	0	1	1	0	0	100.0
Morris	9	1	2	.11	.01	.02	2	0	1	22.2	0	50.0
Ocean	0	0	0	0	0	0	0	0	0	.....	.....	.....
Passaic	21	13	56	.08	.04	.21	2	0	0	9.5	0	0
Salem	0	0	1	0	0	.03	0	0	0	.....	.....	0
Somerset	44	19	27	1.03	.44	.61	1	0	0	2.2	0	0
Sussex	98	27	16	3.44	.94	.55	0	0	0	0	0	0
Union	15	3	8	.09	.01	.04	0	1	1	0	33.3	12.5
Warren	0	0	1	0	0	.02	0	1	3	.....	*	*
State	318	156	281	.10	.05	.09	10	5	12	3.1	3.2	4.2
Military posts	.....	0	85	.....	.....	.....	.....	0	0	.....	.....	.....

*More deaths than cases reported.

MORBIDITY AND MORTALITY FROM MEASLES.

(Reportable since June 1st, 1917.)

COUNTIES.	Cases.		Cases per 1,000 Pop.	Deaths.		Per Cent Fatality.	
	1917.	1918.	1918.	1917.	1918.	1917.	1918.
Atlantic	66	402	4.31	2	3	3.0	.7
Bergen	150	1,446	7.71	2	26	1.3	1.7
Burlington	59	906	12.32	2	10	3.3	.1
Camden	316	1,001	5.86	9	21	2.8	2.0
Cape May	17	186	7.38	0	1	0	.5
Cumberland	145	413	7.06	1	6	.6	.1
Essex	2,100	12,755	19.90	10	145	.4	1.1
Gloucester	40	375	8.94	1	5	2.5	1.3
Hudson	957	3,104	4.68	26	121	2.7	.3
Hunterdon	1	144	4.39	0	1	0	.6
Mercer	16	380	2.51	1	11	6.2	2.8
Middlesex	24	250	1.74	5	53	20.8	21.2
Monmouth	108	1,041	9.88	1	14	.9	1.3
Morris	31	217	2.62	0	6	0	.2
Ocean	8	63	2.78	0	1	0	1.5
Passaic	196	3,370	12.65	2	43	1.0	1.2
Salem	19	60	2.12	1	3	5.2	5.0
Somerset	31	103	2.35	0	10	0	9.7
Sussex	30	353	12.50	1	7	3.3	1.9
Union	391	1,794	10.30	6	28	1.5	1.5
Warren	10	74	1.55	1	8	10.0	10.8
State	4,715	28,437	9.23	71	523	1.49	1.8
Military posts	38	1,174	.....	0	38	.....	.....

MORBIDITY AND MORTALITY FROM GERMAN MEASLES.

COUNTIES.	Cases.		Cases per 1,000 Pop.	Deaths.		Per Cent Fatality.	
	1917.	1918.	1918.	1917.	1918.	1917.	1918.
Atlantic	1	18	.19	0	0	0	0
Bergen	32	82	.43	0	1	0b	1.2
Burlington	4	326	4.43	0	1	0	.3
Camden	1	98	.57	0	0	0	0
Cape May	1	139	5.51	0	0	0	0
Cumberland	0	3	.05	0	0	0	0
Essex	1,132	870	1.35	2	0	.1	0
Gloucester	1	75	1.78	0	0	0	0
Hudson	41	30	.04	1	0	2.4	0
Hunterdon	0	15	.45	0	0	0	0
Mercer	2	67	.44	0	0	0	0
Middlesex	2	9	.06	0	0	0	0
Monmouth	15	71	.67	0	0	0	0
Morris	5	178	2.15	0	0	0	0
Ocean	1	22	.97	0	1	0	4.5
Passaic	2	41	.15	0	0	0	0
Salem	0	5	.17	0	0	0	0
Somerset	4	3	.06	0	0	0	0
Sussex	3	4	.13	0	0	0	0
Union	63	211	1.21	0	0	0	0
Warren	0	5	.10	0	0	0	0
State	1,310	2,272	.73	3	3	.2	.1
Military posts	0	357	.....	0	0	.....	.....

MORBIDITY AND MORTALITY FROM MENINGITIS, EPIDEMIC CEREBRO-SPINAL.

(Reportable since June 1st, 1917.)

COUNTIES.	Cases.		Cases per 1,000 Pop.		Deaths.		Per Cent Fatality.	
	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.
Atlantic	1	3	.....	.03	2	2	*	66.6
Bergen	0	16	.....	.08	1	7	*	43.7
Burlington	1	3	.....	.04	0	0	0	0
Camden	0	4	.....	.02	0	1	.....	25.0
Cape May	0	0	.....	0	0	0	.....	.....
Cumberland	0	0	.....	0	1	1	*	.....
Essex	53	124	.....	.19	22	31	41.5	25.0
Gloucester	1	5	.....	.11	0	0	0	0
Hudson	13	40	.....	.06	7	18	53.8	54.0
Hunterdon	0	0	.....	0	0	0	.....	.....
Mercer	0	10	.....	.06	2	1	*	10.0
Middlesex	0	5	.....	.03	0	0	.....	0
Monmouth	0	3	.....	.02	0	2	.....	66.6
Morris	0	2	.....	.02	0	0	.....	0
Ocean	0	0	.....	0	0	0	.....	.....
Passaic	5	26	.....	.09	0	3	0	11.5
Salem	2	1	.....	.03	0	0	0	0
Somerset	1	0	.....	0	2	0	*	.....
Sussex	0	0	.....	0	0	0	.....	.....
Union	16	23	.....	.13	2	3	12.5	13.0
Warren	0	0	.....	0	0	0	.....	.....
State	93	265	.....	.08	39	69	43.0	22.6
Military posts	0	57	.....	.....	1	15	.....	.....

*More deaths than cases reported.

MORBIDITY AND MORTALITY FROM POLIOMYELITIS.

COUNTIES.	Cases.			Cases per 1,000 Population.			Deaths.			Per Cent Fatality.		
	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.
Atlantic	36	0	0	.40	0	0	3	0	0	8.3	.....	.....
Bergen	168	4	3	.95	.02	.01	32	2	1	19.0	50.0	33.3
Burlington	59	2	0	.82	.02	0	16	0	0	27.1	0	.....
Camden	118	5	2	.72	.03	.01	42	2	0	35.5	40.0	0
Cape May	33	0	1	1.38	0	.03	6	0	0	18.1	.....	0
Cumberland	36	1	0	.62	.01	0	16	0	0	44.4	0	.....
Essex	1,730	46	25	2.83	.07	.03	489	16	9	28.2	34.7	36.0
Gloucester	37	0	0	.90	0	0	8	0	0	21.6	.....	.....
Hudson	556	8	4	.87	.01	.006	214	2	1	38.4	25.0	25.0
Hunterdon	43	3	1	1.30	.09	.03	11	2	0	25.5	66.6	0
Mercer	221	3	0	1.52	.02	0	70	2	0	31.6	66.6	.....
Middlesex	172	8	1	1.26	.05	.006	47	2	1	27.3	25.0	100.0
Monmouth	207	0	0	2.01	0	0	63	0	0	30.4	.....	.....
Morris	125	3	0	1.54	.03	0	37	1	0	29.6	33.3	.....
Ocean	15	0	1	.67	0	.04	2	0	0	13.3	.....	0
Passaic	110	3	2	.43	.01	.007	30	2	0	27.2	66.6	0
Salem	57	0	3	2.04	0	.10	14	0	0	24.5	.....	0
Somerset	36	1	0	.84	.02	0	8	0	0	22.2	0	.....
Sussex	18	1	0	.63	.03	0	2	1	0	11.1	100.0	.....
Union	262	3	0	1.57	.01	0	62	2	0	23.6	66.6	.....
Warren	16	0	0	.34	0	0	9	0	0	56.2	.....	.....
State	4,055	91	43	1.37	.03	.01	1,181	34	12	29.0	37.3	27.9
Military posts	.....	0	0	.....	.....	.....	.....	0	0	.....	.....	.....

MORBIDITY AND MORTALITY FROM DYSENTERY AND PARATYPHOID FEVER.

COUNTIES.	DYSENTERY. (Reportable since June 1st, 1917.)				PARATYPHOID FEVER. (Reportable since June 1st, 1917.)			
	Cases.		Deaths.		Cases.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.
Atlantic	0	0	1	1	2	0	0	0
Bergen	0	0	4	2	0	2	0	0
Burlington	0	0	3	0	0	0	1	0
Camden	0	0	1	0	1	0	0	0
Cape May	0	0	0	1	0	0	0	0
Cumberland	0	0	1	3	0	0	0	0
Essex	4	10	5	8	3	0	0	0
Gloucester	3	0	4	3	0	3	0	1
Hudson	0	3	10	7	0	0	0	0
Hunterdon	0	0	1	1	0	2	0	0
Mercer	0	0	2	0	2	0	0	0
Middlesex	0	3	0	4	1	0	2	0
Monmouth	0	2	4	3	2	0	1	0
Morris	0	1	2	2	0	0	0	0
Ocean	0	0	1	2	0	0	0	0
Passaic	0	0	2	1	1	0	0	0
Salem	0	0	0	3	0	3	0	0
Somerset	2	0	1	4	1	0	0	0
Sussex	0	3	1	0	0	0	0	0
Union	0	0	3	4	0	1	0	0
Warren	0	0	1	1	0	0	0	0
State	9	22	47	50	13	11	4	1
Military posts	1	10	0	0	1	0	0	0

MORBIDITY AND MORTALITY FROM OPHTHALMIA NEONATORUM—TRACHOMA AND COMPRESSED AIR ILLNESS.

COUNTIES	OPHTHALMIA NEONATORUM.						TRACHOMA.						COMPRESSED AIR ILLNESS.	
	Cases.			Deaths.			Cases.			Deaths.				
	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.	Cases 1917.	Deaths 1917.
Atlantic	0	0	1	0	0	0	0	0	1	0	0	0	0	0
Bergen	1	1	1	0	0	0	1	3	1	0	0	0	0	0
Burlington	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Camden	1	4	1	0	0	0	0	0	0	0	0	0	0	0
Cape May	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cumberland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Essex	22	29	27	1	1	0	37	13	10	0	0	0	1	0
Gloucester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hudson	3	3	5	1	0	0	0	15	6	0	0	0	0	0
Hunterdon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mercer	3	1	4	0	0	0	0	3	1	0	0	0	0	0
Middlesex	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Monmouth	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Morris	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Ocean	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Passaic	5	8	5	0	0	1	5	7	16	0	0	0	0	0
Salem	0	1	1	0	0	0	0	0	0	0	0	0	0	0
Somerset	1	2	2	0	0	0	0	0	0	0	0	0	0	0
Sussex	0	0	0	0	0	0	0	2	2	0	0	0	0	0
Union	0	3	2	0	0	0	0	0	0	0	0	0	0	0
Warren	0	0	0	0	0	0	0	0	0	0	0	0	0	0
State	37	53	50	2	1	1	46	43	38	1	0	0	1	0
Military posts	...	0	0	...	0	0	...	1	18	...	0	0	0	0

MORBIDITY AND MORTALITY FROM POISONING FROM LEAD, MERCURY, ARSENIC AND T. N. T.

COUNTIES.	LEAD POISONING.						MERCURY POISONING.				ARSENIC POISONING.				T. N. T.	
	Cases.			Deaths.			Cases.		Deaths.		Cases.		Deaths.			
	1916.	1917.	1918.	1916.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	Cases 1918.	Deaths 1918.
Atlantic	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Bergen	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Burlington	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Camden	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Cape May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cumberland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Essex	1	34	30	1	2	0	2	1	0	0	1	1	0	0	0	0
Gloucester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hudson	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0
Hunterdon	0	0	0	5	0	2	0	0	0	0	0	0	0	0	0	0
Mercer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Middlesex	0	10	3	2	0	1	0	0	0	0	0	0	0	0	0	0
Monmouth	0	6	0	0	0	2	1	0	0	0	0	0	0	0	0	0
Morris	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0
Ocean	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Passaic	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Salem	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Somerset	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Sussex	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Union	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Warren	0	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
State	2	55	35	15	8	7	3	1	0	0	1	2	0	0	4	1
Military posts		0	0		0	0	0	0	0	0	0	0	0	0	0	0

MORBIDITY AND MORTALITY FROM EPILEPSY AND MENTAL DEFICIENCY.

COUNTIES.	EPILEPSY						MENTAL DEFICIENCY.	
	Cases.			Deaths.			Cases.	
	1916.	1917.	1918.	1916.	1917.	1918.	1917.	1918.
Atlantic	0	0	0	1	4	5	0	0
Bergen	0	0	0	10	6	6	0	0
Burlington	0	0	0	3	1	2	0	0
Camden	0	0	0	9	11	6	0	0
Cape May	0	0	0	0	1	0	0	0
Cumberland	0	0	0	1	5	1	0	0
Essex	0	79	47	20	18	12	17	24
Gloucester	0	0	0	0	4	1	0	0
Hudson	0	0	3	19	20	11	0	1
Hunterdon	0	0	0	6	3	1	0	0
Mercer	0	5	0	4	6	3	229	88
Middlesex	0	0	0	4	8	7	0	0
Monmouth	0	1	1	5	4	4	2	0
Morris	0	1	0	5	5	2	0	0
Ocean	0	0	0	1	0	1	0	0
Passaic	0	0	1	7	6	4	0	0
Salem	0	0	0	2	1	1	0	0
Somerset	0	0	0	2	2	45	0	0
Sussex	0	0	0	1	2	2	0	1
Union	0	3	0	6	3	0	1	0
Warren	0	0	0	2	1	2	0	0
State	0	89	52	108	111	116	249	114
Military posts		0	0		0	0	0	0

MORBIDITY AND MORTALITY FROM SCARLET FEVER.

COUNTIES.	Cases.			Cases per 1,000 Population.			Deaths.			Per Cent Fatality.		
	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.
Atlantic	86	64	25	.97	.70	.28	1	0	0	1.1	0	0
Bergen	275	226	211	1.56	1.24	1.12	3	5	4	1.0	2.2	1.8
Burlington	42	65	35	.58	.89	.47	0	0	0	0	0	0
Camden	134	232	199	.81	1.39	.35	3	1	3	2.2	.4	0
Cape May	9	13	9	.37	.53	.35	0	0	0	0	0	0
Cumberland	41	75	120	.71	1.29	2.05	0	1	3	0	1.3	2.5
Essex	1,293	1,137	813	2.12	1.81	1.26	13	9	19	1.0	.7	2.3
Gloucester	23	120	50	.56	2.90	1.19	1	1	1	4.3	.8	2.0
Hudson	1,202	1,560	655	1.90	2.40	.98	25	15	13	2.0	.9	1.9
Hunterdon	36	31	3	1.09	.94	.09	0	0	0	0	0	0
Mercer	124	70	45	.85	.47	.29	3	1	1	2.4	1.4	2.2
Middlesex	91	121	89	.66	.86	.62	3	2	3	3.2	1.6	3.3
Monmouth	60	205	46	.58	1.97	.43	0	4	2	0	1.9	4.3
Morris	136	95	58	1.68	1.16	.70	5	2	1	3.6	2.1	1.7
Ocean	31	5	10	1.38	.22	.44	0	0	0	0	0	0
Passaic	194	227	131	.76	.87	.49	6	1	3	3.0	.4	2.2
Salem	15	19	18	.53	.67	.63	0	0	0	0	0	0
Somerset	41	50	27	.96	1.15	.61	0	0	1	0	0	3.7
Sussex	15	38	33	.52	1.32	1.16	0	0	0	0	0	0
Union	334	387	231	2.01	2.27	1.32	6	5	3	1.7	1.2	1.2
Warren	27	23	9	.57	.48	.18	0	2	0	0	8.6	0
State	4,209	4,763	2,817	1.42	1.58	.91	69	49	57	1.6	1.0	2.0
Military posts		13	263					0	13			

MORBIDITY AND MORTALITY FROM SMALLPOX.

COUNTIES.	Cases.			Cases per 1,000 Population.			Deaths.			Per Cent Fatality.		
	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.
Atlantic	0	0	28	0	0	.30	0	0	0	.....	.....	0
Bergen	0	0	0	0	0	0	0	0	0	.....	.....	.....
Burlington	0	0	3	0	0	.04	0	0	0	.....	.....	0
Camden	3	0	0	.01	0	0	0	0	0	0	.....	.....
Cape May	0	0	0	0	0	0	0	0	0	.....	.....	.....
Cumberland	0	0	0	0	0	0	0	0	0	.....	.....	.....
Essex	1	2	3	.001	.003	.003	0	0	0	0	0	0
Gloucester	4	0	22	.09	0	.54	0	0	0	0	.....	0
Hudson	0	3	1	0	.004	.001	0	0	0	.....	0	0
Hunterdon	0	0	0	0	0	0	0	0	0	.....	.....	.....
Mercer	0	0	0	0	0	0	0	0	0	.....	.....	.....
Middlesex	0	1	0	0	.007	0	0	0	0	.....	0	.....
Monmouth	1	0	1	.009	0	.009	0	0	0	0	.....	0
Morris	0	0	3	0	0	.06	0	0	0	.....	.....	0
Ocean	0	0	0	0	0	0	0	0	0	.....	.....	.....
Passaic	0	0	1	0	0	.003	0	0	0	.....	.....	0
Salem	0	0	1	0	0	.03	0	0	0	.....	.....	0
Somerset	0	0	0	0	0	0	0	0	0	.....	.....	.....
Sussex	0	0	0	0	0	0	0	0	0	.....	.....	.....
Union	0	0	0	0	0	0	0	0	0	.....	.....	.....
Warren	0	0	0	0	0	0	0	0	0	.....	.....	.....
State	9	6	65	.003	.001	.02	0	0	0	0	0	0
Military posts	.....	0	4	.....	.....	.....	.....	0	0	.....	.....	.....

MORBIDITY AND MORTALITY FROM TUBERCULOSIS.

COUNTIES.	Cases.			Cases per 1,000 Population.			Deaths.			Per Cent Fatality.		
	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.
Atlantic	266	232	152	3.02	2.56	1.63	109	109	110	40.9	46.9	71.9
Bergen	288	268	265	1.64	1.47	1.41	143	191	201	49.6	71.2	75.8
Burlington	138	127	135	1.92	1.74	1.83	85	110	92	61.5	86.6	68.1
Camden	384	390	436	2.34	2.34	2.55	268	275	291	69.7	70.5	66.7
Cape May	19	24	22	.79	.97	.87	12	25	20	63.1	*	90.9
Cumberland	125	101	97	2.15	1.74	1.65	74	77	86	59.6	76.2	88.6
Essex	3,352	2,912	2,737	5.56	4.65	4.29	1,057	1,128	1,104	31.1	38.7	40.0
Gloucester	47	63	66	1.07	1.52	1.57	54	44	59	*	69.8	89.3
Hudson	1,947	1,647	1,553	3.07	2.54	2.34	1,138	1,154	1,129	58.4	70.0	72.6
Hunterdon	41	37	33	1.24	1.12	1.00	36	37	34	87.8	100.0	*
Mercer	470	507	457	3.24	3.43	3.02	239	300	311	50.8	59.1	68.2
Middlesex	250	296	294	1.83	2.11	1.85	163	193	259	65.2	66.2	88.0
Monmouth	143	121	126	1.39	1.16	1.19	106	108	111	74.1	89.2	88.0
Morris	126	94	92	1.56	1.15	1.11	87	88	123	69.0	93.6	*
Ocean	29	23	39	1.30	1.02	1.72	29	22	26	100.0	95.6	66.6
Passaic	670	586	695	2.63	2.25	2.60	351	347	334	52.3	59.2	48.0
Salem	32	37	23	1.14	1.31	.81	34	33	28	*	89.1	*
Somerset	96	91	71	2.25	2.11	1.62	37	54	58	38.5	59.3	81.6
Sussex	18	21	24	.63	.73	.85	19	17	22	*	80.9	91.6
Union	550	551	581	3.31	3.24	3.33	246	264	305	44.7	47.9	52.4
Warren	46	38	28	.98	.80	.58	46	38	36	100.0	100.0	*
State	9,017	8,166	7,946	3.05	2.70	2.57	4,333	4,614	4,739	48.0	56.4	59.6
Military posts	.....	11	312	.....	.....	.....	.....	3	24	.....	.....	.....

*More deaths than cases reported.

MORBIDITY AND MORTALITY FROM TYPHOID FEVER.

COUNTIES.	Cases.			Cases per 1,000 Population.			Deaths.			Per Cent Fatality.		
	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.
Atlantic	130	49	20	1.47	.54	.21	15	8	5	11.5	16.3	25.0
Bergen	71	56	49	.40	.30	.26	10	13	5	14.0	23.2	10.2
Burlington	94	79	60	1.32	1.08	.81	8	12	11	8.5	15.1	18.3
Camden	201	68	59	1.22	.40	.34	25	19	16	12.4	27.9	27.1
Cape May	11	8	9	.46	.32	.35	3	2	2	27.2	25.0	22.2
Cumberland	46	37	32	.79	.63	.54	6	6	11	13.0	16.2	34.3
Essex	179	166	100	.29	.26	.17	26	21	19	14.5	12.6	17.4
Gloucester	58	14	27	1.42	.33	.64	6	2	4	10.3	14.2	14.8
Hudson	127	65	52	.20	.10	.07	35	21	20	27.5	32.3	38.4
Hunterdon	11	18	3	.30	.54	.09	1	3	2	9.0	16.6	66.6
Mercer	73	73	38	.50	.41	.25	7	6	7	9.5	8.2	18.4
Middlesex	59	87	31	.43	.62	.21	7	11	11	11.8	12.6	35.4
Monmouth	107	88	67	1.04	.84	.63	15	14	18	14.0	15.9	26.8
Morris	30	21	20	.35	.25	.24	4	5	3	13.3	23.8	15.0
Ocean	26	9	5	1.25	.40	.22	2	0	0	7.6	0	0
Passaic	43	158	46	.16	.60	.17	10	25	9	23.2	15.8	19.5
Salem	30	18	9	1.07	.64	.31	4	3	3	13.3	16.6	33.3
Somerset	12	30	28	.28	.69	.64	2	8	3	16.6	26.6	10.7
Sussex	4	6	6	.14	.20	.20	1	1	2	25.0	16.6	33.3
Union	66	73	63	.39	.42	.36	7	9	9	10.6	12.3	14.2
Warren	10	2	6	.20	.04	.12	0	1	2	0	50.0	33.3
State	1,388	1,125	739	.47	.37	.23	194	190	162	13.9	16.5	21.9
Military posts	.....	26	10	.....	.....	.....	.....	1	0	.....	.....	.....

MORBIDITY AND MORTALITY FROM WHOOPING COUGH.

(Reportable since June 1st, 1917.)

COUNTIES.	Cases.		Cases per 1,000 Pop.	Deaths.		Per Cent Fatality.	
	1917.	1918.	1918.	1917.	1918.	1917.	1918.
Atlantic	34	89	.05	1	12	2.9	13.4
Bergen	54	447	2.38	7	29	12.9	6.48
Burlington	47	151	2.05	6	14	12.7	9.2
Camden	63	234	1.37	10	52	15.8	22.2
Cape May	18	17	.67	0	5	0	28.8
Cumberland	75	107	.29	7	17	9.3	15.8
Essex	3,994	3,998	6.23	70	93	1.7	2.32
Gloucester	38	135	3.22	9	19	23.6	14.0
Hudson	225	438	.66	48	94	21.3	21.46
Hunterdon	10	42	1.28	0	8	0	19.0
Mercer	42	129	.85	7	29	16.6	22.4
Middlesex	0	43	.30	6	33	*	76.6
Monmouth	109	260	2.46	7	28	6.4	10.7
Morris	257	127	1.53	17	13	6.6	10.2
Ocean	11	23	1.01	0	1	0	4.3
Passaic	437	1,086	4.07	18	37	4.1	3.4
Salem	0	3	.10	1	13	*	*
Somerset	1	11	.25	3	12	*	*
Sussex	7	12	.41	11	1	*	8.5
Union	274	956	5.48	11	44	4.0	4.5
Warren	1	2	.04	2	8	*	*
State	5,697	8,310	2.69	247	562	4.3	6.7
Military posts	0	4	.....	0	0	.....	.....

*More deaths than cases reported.

MORBIDITY AND MORTALITY FROM GONORRHEA.

(Reportable since March 29th, 1917.)

COUNTIES.	Cases.		Cases per 1,000 Pop.	Deaths		Per Cent Fatality.	
	1917.	1918.	1918.	1917.	1918.	1917.	1918.
Atlantic	46	39	.41	0	0	0	0
Bergen	28	42	.22	0	0	0	0
Burlington	13	25	.34	0	0	0	0
Camden	69	171	1.00	2	0	2.8	0
Cape May	14	3	.11	0	0	0	0
Cumberland	33	17	.33	1	0	3.3	0
Essex	275	531	.82	4	3	1.4	.5
Gloucester	23	12	.28	0	0	0	0
Hudson	50	88	.13	2	0	4.0	0
Hunterdon	4	3	.09	0	0	0	0
Mercer	47	75	.49	0	0	0	0
Middlesex	15	12	.08	0	0	0	0
Monmouth	18	48	.45	2	0	11.1	0
Morris	27	58	.70	0	0	0	0
Ocean	3	4	.18	0	0	0	0
Passaic	63	130	.48	0	2	0	1.5
Salem	3	2	.07	0	0	0	0
Somerset	8	11	.25	0	0	0	0
Sussex	0	3	.10	0	0	.....	0
Union	32	32	.18	0	0	0	0
Warren	4	8	.16	0	0	0	0
State	774	1,314	.42	11	5	3.0	0.38
Military posts	592	8,110	.....	0	1	.....	.....

MORBIDITY AND MORTALITY FROM ANTHRAX, RABIES AND TYPHUS FEVER.

COUNTIES.	ANTHRAX.						RABIES.						TYPHUS FEVER.	
	Cases.			Deaths.			Cases.			Deaths.				
	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.	1916.	1917.	1918.	Cases 1918.	Deaths 1918.
Atlantic	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Bergen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burlington	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Camden	5	14	5	0	2	0	0	0	0	0	0	0	0	0
Cape May	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cumberland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Essex	1	4	3	0	2	0	0	2	0	0	2	0	0	0
Gloucester	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hudson	0	1	0	0	0	0	0	1	0	0	1	1	0	0
Hunterdon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mercer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Middlesex	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Monmouth	0	‡2	*2	0	‡2	1	0	0	0	0	0	0	0	0
Morris	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ocean	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Passaic	1	0	0	0	0	0	0	0	0	0	0	2	0	0
Salem	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Somerset	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sussex	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Union	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Warren	0	0	0	0	0	0	0	0	0	0	0	0	0	0
State	7	‡21	*10	0	‡6	1	1	3	2	1	3	3	0	1
Military posts	...	0	‡14	...	0	‡1	...	0	0	...	0	0	0	0

*One case non-occupational.
†Non-occupational.
‡Two non-occupational.

MORBIDITY AND MORTALITY FROM TRICHINOSIS, LEPROSY AND CHANCROID.

COUNTIES.	TRICHINOSIS.				LEPROSY.						CHANCROID.*		
	Cases.		Deaths.		Cases.			Deaths.			Cases.		Cases per 1,000 Population—1918.
	1916.	1917.	1916.	1917.	1916.	1917.	1918.	1916.	1917.	1918.	1917.	1918.	
Atlantic	0	0	0	0	...	0	...	...	0	...	1	0	0
Bergen	0	0	0	0	...	0	...	...	0	...	1	3	.01
Burlington	0	0	0	0	...	0	...	...	0	...	3	1	.01
Camden	0	0	0	0	...	0	...	...	0	...	6	16	.09
Cape May	0	0	0	0	...	0	...	...	0	...	0	1	.03
Cumberland	0	0	0	0	...	0	...	...	0	...	2	1	.01
Essex	2	0	0	0	1	0	...	...	0	...	10	21	.03
Gloucester	0	0	0	0	...	0	...	...	0	...	3	1	.02
Hudson	0	0	0	0	...	1	1	...	1	...	1	4	.006
Hunterdon	0	0	0	0	...	0	...	...	0	...	0	0	0
Mercer	2	0	0	0	...	0	...	...	0	...	2	1	.006
Middlesex	0	0	0	0	...	0	...	...	0	...	1	0	0
Monmouth	0	0	0	0	...	0	...	...	0	...	1	4	.03
Morris	1	0	0	0	...	0	...	...	0	...	2	3	.03
Ocean	0	0	0	0	...	0	...	...	0	...	0	0	0
Passaic	2	0	0	0	...	0	...	...	0	...	9	4	.01
Salem	0	0	0	0	...	0	...	...	0	...	1	0	0
Somerset	0	0	0	0	...	0	...	...	0	...	1	0	0
Sussex	0	0	0	0	...	0	...	...	0	...	1	1	.03
Union	0	9	0	0	...	0	...	...	0	...	3	3	.01
Warren	0	0	0	0	...	...	2	...	0	...	0	1	.02
State	7	9	0	0	1	1	3	0	1	0	50	65	.02
Military posts	0	0	0	0	...	0	0	...	0	0	47	433	.....

*Reportable since March 29th, 1917.

MORBIDITY AND MORTALITY FROM SYPHILIS.

(Reportable since March 29th, 1917.)

COUNTIES.	Cases.		Cases per 1,000 Pop.	Deaths.		Per Cent Fatality.	
	1917.	1918.	1918.	1917.	1918.	1917.	1918.
Atlantic	20	25	.26	6	7	30.0	28.0
Bergen	14	33	.17	3	13	21.4	39.3
Burlington	6	16	.21	3	7	50.0	43.7
Camden	33	143	.83	9	13	27.2	9.0
Cape May	0	2	.07	1	0	*	0
Cumberland	36	86	1.67	4	5	11.1	5.8
Essex	241	268	.41	22	43	9.1	16.0
Gloucester	2	3	.07	1	3	50.0	100.0
Hudson	52	69	.10	33	30	63.4	43.4
Hunterdon	10	62	1.89	1	1	10.0	1.6
Mercer	95	269	1.78	10	12	10.5	4.4
Middlesex	4	14	.09	4	5	100.0	35.9
Monmouth	9	48	.45	4	7	44.4	14.5
Morris	30	12	.14	5	5	16.6	41.6
Ocean	0	0	0	0	0	...	...
Passaic	77	111	.41	2	21	2.5	18.9
Salem	3	1	.03	2	1	66.6	100.0
Somerset	76	3	.06	1	2	1.3	66.6
Sussex	2	4	.13	1	4	50.0	100.0
Union	35	49	.28	6	14	17.1	28.5
Warren	0	1	.02	1	0	*	0
State	745	1,219	.39	119	193	14.8	15.8
Military posts	54	987	.....	0	0	.....	.....

Report of the Bureau of Food and Drugs.

WALTER W. SCOFIELD, JR., CHIEF.

The Bureau of Food and Drugs enforces the laws relating to the production and distribution of milk and milk products (Chapter 78 of the Laws of 1914); the law controlling the pasteurization of milk and its products (Chapter 285 of the Laws of 1915); the law governing the operation of creameries (Chapter 139 of the Laws of 1906); the Slaughter-House act (Chapter 295 of the Laws of 1910); the Cold Storage act (Chapter 101 of the Laws of 1916); the act regulating the sale and breaking of eggs (Chapter 30 of the Laws of 1914); the Methyl Alcohol act (Chapter 286 of the Laws of 1912); the Oleomargarine laws (Chapter 84 of the Laws of 1886 and its supplements) and the Food and Drug act (Chapter 217 of the Laws of 1907) and its amendments and supplements which include the Sanitary act of 1909 and the Non-Alcoholic Beverage act of 1915.

Milk Control—The vital importance of a wholesome milk supply has been recognized and emphasis has been placed on milk control. The supervision of the production and sale of milk throughout the state presents such a large problem that it has been necessary to select certain phases of the work for emphasis. An effort has been made to correlate the work carried on by the different agencies throughout the state in such a manner that duplication of effort would not occur and in order that the producer or distributor would not be confused or antagonized by conflicting orders or regulations. The recommendations made by the Milk Committee of the Central Atlantic States Dairy and Food Officials Association for minimum requirements for a clean and safe milk have been endorsed. The most important factors for such a milk have been considered to be healthy cattle, healthy milkers and milk handlers, a pure water supply, the proper cooling of milk, sterilization of utensils, clean flanks and udders of cows and small top milking pails. On the other hand minor factors which have little or no effect upon the quality of the milk have been minimized.

The possibility of the contamination of milk at dairies, creameries and bottling or distributing stations with the infective material of typhoid fever, scarlet fever, diphtheria, gastro-intestinal infections, septic sore throat or bovine tuberculosis is so great that the general raw milk supply cannot be given the necessary supervision to insure a safe milk. As a result of our investigations, we believe that all milk should be pasteurized, excepting such milk as is produced in conformity with the regulations for the production of "Certified Milk"

as adopted by the American Association of Medical Milk Commissions, or produced under local supervision sufficiently rigid to protect the milk from contamination by pathogenic organisms and to control the sanitary conditions under which it is produced and handled.

Dairy Inspection—In the inspection of dairy premises the State Department of Health has in the past made use of the score card devised by the Bureau of Animal Industry, United States Department of Agriculture. It was apparent that certain essential requirements for the production of a safe milk received little or no attention from the dairy inspector when the score card was used as a guide for the reports of inspections of dairies. As a matter of fact the use of the score card by the average dairy inspector resulted in recording certain numerical figures which he believed the equipment and methods warranted. When it was necessary to take action on such reports in the central office of the State Department of Health, the person attempting to interpret such reports was at a loss to know the actual conditions existing on the dairy from a perusal of the numerical figures recorded, unless the inspector was present to describe the conditions in detail, or unless a supplementary report was made by the inspector. Furthermore, the record made upon the score card was of little value for future reference because it was difficult for the inspector to recall the conditions upon the premises as a result of refreshing his memory by consulting the numerical score. Another objection to the score card is the tendency of certain producers to argue with the official over the score allowed. Such arguments seldom accomplish more than to get the producers in such an antagonistic mood that no beneficial results are obtained.

A more serious difficulty presented itself when it was demonstrated that milk which was not clean was being produced on a dairy which was equipped and operated in such a manner as to receive a high score and, on the other hand, a dairy which had relatively poor equipment produced clean milk.

For these reasons the score card was abandoned and a form was devised for use by inspectors in reporting conditions of dairies. No numerical rating for the equipment and methods employed on dairy premises is made. On the new form the attention of the inspector is directed to the essential points upon which information is desired and reports are made in such a manner that insanitary conditions found are reported clearly.

Recommendations for changes in equipment or methods have been made in written notices from the Department, based upon the reports of inspections. As far as practicable the inspections of dairy premises have been made with representatives of local boards of health and copies of corrective notices have been forwarded to such officials for the purpose of interesting them in milk control work. The inspection of dairies by local authorities with representatives of this Department tends to lessen conflicting orders issued by the different boards. After such joint inspection certain of the local boards of health have made

reinspections of dairies supplying milk within their jurisdiction and have found conditions improved.

Inspections have been made of dairies which supply milk to the following municipalities: Alpha, Asbury Park, Bayonne, Bloomfield, Bound Brook, Dunellen, Dover, Englewood, Freehold, Hackensack, Haddonfield, Hightstown, Hohokus, Keyport, Lakewood, Lambertville, Long Branch, Metuchen, Newton, North Bergen, New Brunswick, Passaic, Paterson, Plainfield, Penns Grove, Princeton, Trenton, Woodbridge.

Inspections have also been made of the dairies supplying milk to creameries at the following places: Andover, Annandale, Belle Mead, Belvidere, Bridgeville, Burnt Mills, Califon, Carteret, Cherryville, Clinton, Delaware, Flagtown, Flemington, Great Meadows, Hixon, Hope, Hopewell, Jutland, Lebanon, Long Valley, Milford, Neshanic, North Branch, Port Murray, Sunnyside, Sussex, Three Bridges, West Portal, Woodruff's Gap.

In addition to the above mentioned work inspections have been made of all dairies located in Cumberland county and Gloucester county. The work of inspecting the dairies in Salem county is now under way.

An effort has been made to inspect dairies, by townships, in certain counties, for the purpose of visiting all the dairies within a given area, regardless of where the milk is sold. This was done in order to inspect dairies which had never been visited in the past. A total of 3,496 inspections have been made of the dairies in this state.

Physical Examinations of Dairy Animals—The State Department is dependent largely upon the reports of physical examinations of dairy animals, made by private veterinarians employed by the dairymen, to gain knowledge of the existence of disease in the dairy herds of this state. Chapter 78 of the Laws of 1914 requires that each dairyman, engaged in the production of milk for sale, shall submit a certificate to the Department of Health of the State of New Jersey, at least once each year, stating the results of the examination of the cows, signed by a duly licensed veterinarian, with reference to the existence of any disease with which the animals may be affected. A compilation of the data contained in such reports received between February 1st, 1918, and June 30th, 1919, shows that 90,484 animals have been examined physically by veterinarians engaged in private practice and of this number only 219 animals were suspected of being affected with tuberculosis. From February 1st, 1918, to July 1st, 1918, private veterinarians reported that they examined 24,069 animals and reported 34 as being affected with tuberculosis. From July 1st, 1918, to January 1st, 1919, the number of animals examined was 19,873 and 67 of these animals were reported as being suspected of being affected with tuberculosis. From January 1st, 1919, to June 30th, 1919, reports of physical examinations of 46,542 animals have been reported and of this number 118 have been suspected of being

affected with tuberculosis. Information regarding suspected cases of tuberculosis in dairy animals received by the Department is reported to the Bureau of Animal Industry, New Jersey Department of Agriculture.

The increase in the number of animals which have been physically examined by veterinarians is attributed to the requests for such examinations, which have been made by letter from this Department. The increase in the number of animals reported as being suspected of being affected with tuberculosis is not regarded as a material increase in the number of dairy animals affected with this disease, but is attributed to the fact that local veterinarians are taking greater care to report suspected cases of bovine tuberculosis in dairy animals.

The following table shows the results of physical examinations made of dairy animals by the veterinarian employed by this Department:

CITIES.	Number of Herds.	Number of Cattle.	Number Showing Acute Mastitis.	Abscesses in Udders.	Open Sores in Udders.	Tumorous Growth in Udders.	Abnormal Lymphatic Glands.	Septic Metritis.	Suspected Tuberculosis.	Other Diseased Conditions.	Post Mortem Examinations of Suspected Animals.	Passed for Food.	Condemned as Unfit for Food.	Carcasses Showing Lesions of Tuberculosis.
Bayonne	8	380	1	0	0	3	0	1	6	0	6	2	4	5
Orange	16	322	3	2	6	3	2	0	2	3	2	1	1	2
Newark	37	1,441	8	29	11	8	3	4	15	1	10	6	4	8
Miscellaneous	86	1,164	6	6	6	14	7	2	62	12	53	26	27	53
Totals	147	3,307	18	37	23	28	12	7	85	16	71	35	36	68

By consulting the above table it will be seen that the percentage of advanced cases of tuberculosis among dairy animals is much higher in those herds grouped as miscellaneous. The examinations classed as miscellaneous include herds in practically all sections of the state.

In the cities of Orange and Newark ordinances requiring the tuberculin testing of all cattle supplying raw milk have been in effect for several years. The health officials of these municipalities have supervised the production of milk on the dairies and also the testing of dairy animals to such an extent that the percentage of extensively diseased animals has diminished. In this investigation the cattle which were classed as suspected of being affected with tuberculosis upon physical examination, in some instances were tuberculin tested and negative results were obtained. In such cases these animals were kept under observation, unless they showed positive signs of tuberculosis by physical examination.

The results of physical examinations of dairy animals supplying milk to the above mentioned municipalities, by the veterinarian employed by this Department, show the need for the frequent examination of dairy animals which supply municipalities with raw milk. It is the intention of this Bureau to continue such investigations of dairy animals supplying raw milk to other municipalities in this state during the coming year.

Creameries and Pasteurizing Plants—The inspection of creameries and milk pasteurizing plants, where large quantities of milk are handled, continues to be one of the important functions of the Bureau. It is a well known fact that pasteurization has had its effect upon the decrease of disease due to milk and upon general improvement of the milk supply, but as opportunities for contamination of milk during the course of pasteurization are common, the necessity of a well organized control of these establishments is obvious. It has not been possible to visit regularly every creamery and pasteurizing plant in the state, but our efforts have been directed chiefly to those plants where poor methods have usually been found.

Where milk is pasteurized, the regulations of the Department require that it be heated to 142-145 degrees F., for thirty minutes, then promptly cooled to a temperature of 50 degrees F., or below. Special stress has been laid on the enforcement of this rule as it is believed to be most important for the efficient operation of a pasteurizing plant. Records must be made each day showing the temperatures to which milk is heated and held in the process of pasteurization and these records must be dated and kept on file, in order that the Bureau may be presented with some evidence of the efficiency of pasteurization at other times than the days on which inspections are made.

The thorough cleansing of vats, pumps, pipes, coolers and bottle fillers, with which milk comes in contact in the course of pasteurization has been insisted upon, as a lack of care in cleansing such apparatus has a harmful effect upon the purity of the milk.

The sterilization of milk cans and containers, especially milk bottles, is a problem that should receive greater attention by the creamery operators. Too often bottles and cans are washed in lukewarm, weak, solutions of alkali, rinsed in warm or cold water and are not sterilized. A blast of steam for a second or two accomplishes little, if anything, in the sterilization of milk containers. Milk that has been properly pasteurized is frequently placed into bottles or cans which have not been sterilized, thereby affording possibilities of contamination.

The requirements that all containers in which pasteurized milk is shipped or delivered shall be tagged, capped or labeled "pasteurized"

and with the day of pasteurization marked on the cap, tag or label, has been more generally enforced. Other matters such as personal cleanliness of creamery employes, clean toilets and washing facilities, screening of doors and windows against flies, suitable covers for milk vats and other receptacles, have been brought to the attention of creamery operators and much improvement has been made along these lines. When neglect in meeting our requirements has been shown, or where serious violations have existed, the operators have been summoned before the Director and a specified time has been granted to them to comply with the law. In two instances, suit was instituted against operators of creameries because they absolutely ignored our recommendations for more careful handling of milk and its products and because they operated their plants without obtaining a license from this Department.

Sediment Tests of Milk—Sediment tests for visible dirt in milk have been made at the time the milk was delivered to the various creameries by the producers. In those tests where the milk showed considerable dirt, the disc was dried and sent to the producer with a notice warning him against the sale of milk which was unclean and advising him to take the necessary precautions to prevent dust, dirt and other foreign materials gaining access to the milk. In certain cases where sediment tests showed unclean milk an inspection was made of the dairy premises where the milk was produced. In most instances conditions or methods were observed which seemed to be responsible for the production of unclean milk, and corrective recommendations were made to the producer. Subsequent tests frequently showed the absence of visible dirt in the milk.

Investigations of the Sale of Milk For Which Special Claims Are Made—The results of investigations regarding the production and distribution of milk for which special claims are made upon the labels or caps of containers, indicate that this phase of the milk control work should receive greater attention from food officials. Such milks are generally sold at an advanced price and, in general, the consuming public purchases the milk with an idea that it is of exceptional quality, or that it is produced under conditions which render it safe. As such milks are generally purchased for infant feeding it is important to make the investigations sufficiently exhaustive to decide whether or not the claims are justified.

One milk for which special claims were made, sold in containers bearing the words "Special Baby Milk," was produced on an ordinary dairy, by animals which had not been tuberculin tested, and no particular care had been exercised in the handling of this milk. In another case milk was labeled "Warranted Guernsey-Jersey Milk" and yet investigation proved that more than one-half of the animals in the herd producing this milk were of other breeds. In other cases milk has been represented as "Certified" or "from tuberculin tested cattle" and it has been ascertained that the claims were false.

Such misrepresentations have been considered violations of the Food and Drug Act and the milks have been regarded as misbranded in that they have been labeled so as to deceive or mislead the purchaser. In each case where the milk was found to be misbranded the matter was taken up with the producer and the violations were corrected.

Certified Milk—During the past year the production and sale of certain milks which have been sold as "Certified Milks" have been investigated. In one case the milk was produced on a dairy located outside of the state and it was certified by a Medical Milk Commission of the state in which it was produced. The certificates on the containers in which this milk was sold were not marked with the day of production as required by Chapter 237 of the Laws of 1909. After two warnings had been sent to the producers of this milk they continued to offer it for sale in violation of the above-mentioned law and suit was therefore instituted against them and the penalty was collected.

In the case of another certified milk produced within the state and certified by a Medical Milk Commission outside of this state, inspection of the dairy proved that certain cows which had diseased udders were kept in the stables with cows which were producing certified milk. It was also found that the milk from the cows with diseased udders was being distributed for food purposes. Such a practice is contrary to the regulations governing the production of certified milk as adopted by the American Association of Medical Milk Commissions, and is also in violation of Chapter 237 of the Laws of 1909. This violation was brought to the attention of the Medical Milk Commission which certifies to this milk and instructions were given to discontinue such practice.

One of the chief objects of milk control is to secure milk which is safe for infant feeding. The sale of milk under false statements as to its quality may result in serious consequences to the health of children. As a result of our investigations it has been decided to rigidly enforce the law with respect to the production and sale of milks for which special claims are made and to make thorough investigations of such milks during the coming year.

Chemical Examinations of Samples of Milk and Cream—4,756 samples of milk and cream have been collected during the period from November 1st, 1917, to June 30th, 1919. Of this number 901 samples were found to differ from the legal standard. The samples which were found to differ from the standard may be divided into the following classes:

Milk deficient in total solids	762
Milk containing added water	123
Skimmed milk not properly marked	2
Cream deficient in fat	13
Milk containing preservatives	1
Total	901

Sanitary Inspections of Food Establishments—Chapter 231 of the Laws of 1909 empowers the State Department of Health and each local board of health, to regulate the sanitary conditions of all establishments where food intended for sale, or distribution, is produced, stored, prepared or otherwise handled. The impossibility of state-wide enforcement of this law by this Bureau without the aid of the local boards of health is apparent when the large number of retail establishments in the state is taken into consideration. The provisions of this law which deals with retail establishments must be enforced by local boards of health if it is to be effectively enforced. This Bureau has directed most of its attention in the way of sanitary inspections to business houses engaged in an interstate or intra-state business.

The following table shows the number and kinds of establishments where sanitary inspections have been made during the period of time from November 1st, 1917, to June 30th, 1919:

Dairies	
Creameries	3,496
Milk depots	830
Cheese factories	176
Slaughter-houses	76
Canning factories	1,709
Drug stores	248
Grocery stores	10
Bottling establishments	20
Candy factories	60
Cold storage warehouses	43
Egg breaking establishments	194
Bologna factories	47
Miscellaneous inspections	4
	43

Canning Factories—Each year enormous quantities of certain food products, especially tomatoes, are canned or packed in the State of New Jersey. During the season 248 inspections were made by our representatives of 90 canning factories for the purpose of ascertaining the sanitary conditions under which food products were prepared and also for the purpose of determining the condition of the stock at the time of packing. Representatives of the Bureau of Chemistry of the United States Department of Agriculture accompanied our inspectors on many of their visits to canning factories and rendered material assistance in the work.

In past years certain of the products packed in this state—tomato pulp, paste or tomato catsup—had been condemned and destroyed in large quantities because of the fact that they had been prepared in part from decomposed material. To prevent the destruction of large quantities of foods due to the use of decomposed stock at a time when conservation of foodstuffs was most important, due to conditions brought about by the war, an arrangement was made with the United States Food Administrator for New Jersey whereby

evidence of the use of decomposed stock in the preparation of tomato products would be reported to him by this Department. The Food Administrator agreed that the use of stock which was decomposed in part in the preparation of food products constituted a wasteful practice. The United States Food Administration required all commercial canners to obtain a license to operate their establishments and these licenses were revocable if wasteful practices were followed in the preparation of food products. The operators of canning factories were warned of this ruling of the Food Administrator and in most cases an attempt was made to sort and reject unsound material. In nine instances the proprietors did not heed the warning and were found to be using stock which consisted of decomposed material, in part, in the preparation of food products. On the recommendation of this Bureau they were summoned before the Food Administrator to show cause why the license issued to them by the Food Administration should not be revoked. At this hearing each canner agreed to stop using decomposed materials in the preparation of food products and reinspections showed that the practice had been discontinued.

During our visits to these factories samples of tomato pulp, paste and ketchup were collected for the purpose of determining if these articles contained yeasts, moulds or bacteria in excess of the standards fixed by the regulations of this Department. Of the 104 samples collected, 28 were classed as below the standard.

The usual stress was laid on the sanitary condition of canning factories, especially waste disposal and toilet facilities. The care of the latter is often neglected especially during the height of the season when large numbers of persons are employed. Some toilets were found in a filthy condition with a noticeable absence of washing facilities for employes. The disposal of solid and liquid wastes still constitutes a troublesome problem in some establishments.

The supervision of the canning industry in this state could be more effectively controlled if the operators of canning factories were required to obtain licenses. This would have the effect of eliminating those establishments where the owners refused or neglected to comply with the regulations of the Department. In our opinion the success of the Food Administrator in preventing wasteful practices was largely due to the fact that he had the power to grant and revoke licenses.

Cold Storage—Larger quantities of foodstuffs have been held in cold storage in the warehouses in this state during the period of time from November 1st, 1917, to June 30th, 1919, than at any time in the past. The necessity of preserving enormous quantities of perishable foods near the port of New York, pending the completion of arrangements for its transportation abroad, forced the supply departments of Allied Countries to utilize entire sections of certain cold storage warehouses in this state. During this period large warehouses have been built to meet the demand for space and certain other structures have been converted into cold storage warehouses.

Reports submitted by operators of cold storage warehouses, which are required by Chapter 101 of the Laws of 1916, show that an average of twenty millions of pounds of fresh meats have been held in cold storage on the last day of each month during the past twenty months. On the last day of December, 1918, the reports received from the various warehouses showed over 30,000,000 pounds of fresh meats were held in cold storage. A large proportion of this meat was the property of the Allied Governments and it was stored in the warehouses under the supervision of agents of these governments. The meat was purchased upon specifications and was subjected to rigid inspection.

The Cold Storage act prohibits the storage of articles of food, as defined by that act, for a longer period of time than twelve calendar months except with the consent of the Director of Health. The Attorney-General has ruled that articles of food could be stored twelve months in this state, regardless of the time in other states, provided that further storage would not impair their purity, quality or wholesomeness. It has been found to be a common practice to transfer goods from cold storage warehouses in other states to warehouses in this state and the total period of time the goods are held in storage is often far in excess of the twelve calendar months allowed by our law. It appears that Federal legislation is necessary if this practice is to be stopped.

During the time from November 1st, 1917, to June 30th, 1919, 194 inspections have been made of cold storage warehouses for the purpose of investigating sanitary conditions and to determine whether or not the warehouses are being operated in compliance with the law. Eleven applications have been received for permission to store goods beyond the time limit of twelve months. The action taken with respect to such applications will be found in detail in the report of the Director.

The following table shows the kinds and amounts of foods held in cold storage warehouses on the last day of each month during the period of time from November 1st, 1917, to June 30th, 1919:

SUMMARY OF ARTICLES OF FOOD HELD IN COLD STORAGE WAREHOUSES IN NEW JERSEY ON THE LAST DAY OF EACH MONTH DURING THE PERIOD FROM THE 1ST OF NOVEMBER, 1917, TO JUNE 30TH 1919.

ARTICLES.	Nov. 30th, 1917.	Dec. 31st, 1917.	Jan. 31st, 1918.	Feb. 28th, 1918.	Mar. 31st, 1918.	April 30th, 1918.	May 31st, 1918.	June 30th, 1918.	July 31st, 1918.	Aug. 31st, 1918.
Eggs (cases)	343,100	157,267	14,550	570	11,771	233,800	400,761	439,175	446,907	438,320
Eggs, broken (lbs.)	116,337	100,760	95,552	145,683	422,685	487,050	415,080	370,625	358,085	316,270
Cheese (lbs.)	1,734,914	1,451,358	1,111,741	893,289	689,502	188,696	188,020	265,912	342,951	688,319
Butter (lbs.)	4,784,071	3,063,943	1,665,478	1,339,372	1,205,843	1,031,471	472,808	2,410,360	5,320,201	5,587,733
Poultry (lbs.)	6,725,254	6,712,134	6,457,005	6,491,208	5,009,056	2,779,777	2,516,789	2,290,112	2,407,259	2,811,382
Fresh meats (lbs.)	9,717,311	12,718,031	14,146,127	17,280,451	24,546,064	23,463,585	20,699,898	23,626,953	21,232,440	23,611,130
Fresh fish (lbs.)	2,348,802	2,099,173	841,619	154,610	59,800	90,420	1,385,121	2,893,220	1,941,473	2,167,931
Milk and milk products (lbs.)	403,820	232,976	613,422	262,296	288,120	298,420	280,030	314,000	614,420	440,760
Edible fats and oils (lbs.)	1,003,932	1,408,671	1,011,450	1,048,613	6,966,963	4,338,510	2,755,919	1,388,484	1,482,032	2,080,328
Game (lbs.)	117	1,250	.....	.....	.....	.....	.....	.....	.....	.....
Miscellaneous articles (pkgs.)	196,048	216,720	179,658	636,648	90,965	24,054	2,159	3,428	16,175	2,714

SUMMARY OF ARTICLES OF FOOD HELD IN COLD STORAGE WAREHOUSES IN NEW JERSEY ON THE LAST DAY OF EACH MONTH DURING THE PERIOD FROM THE 1ST OF NOVEMBER, 1917, TO JUNE 30TH 1919.

ARTICLES.	Sept. 30th, 1918.	Oct. 31st, 1918.	Nov. 30th, 1918.	Dec. 31st, 1918.	Jan. 31st, 1919.	Feb. 28th, 1919.	Mar. 31st, 1919.	April 30th, 1919.	May 31st, 1919.	June 30th, 1919.
Eggs (cases)	391,064	334,263	219,061	90,376	8,436	957	13,551	220,307	473,436	533,451
Eggs, broken (lbs.)	271,340	221,075	159,135	126,185	34,210	42,500	85,350	46,275	126,050	184,560
Cheese (lbs.)	386,609	268,192	328,127	226,875	401,509	334,420	309,712	238,995	306,874	646,533
Butter (lbs.)	5,722,281	5,577,952	5,280,962	3,633,317	2,912,023	2,279,221	2,115,481	2,115,842	2,393,005	6,179,804
Poultry (lbs.)	3,779,563	4,262,259	4,523,059	5,654,902	6,274,709	5,777,253	5,453,549	4,648,761	4,277,704	4,371,374
Fresh meats (lbs.)	14,603,834	17,856,104	16,837,915	30,835,892	25,779,641	19,432,542	27,070,436	24,337,246	21,475,799	23,998,876
Fresh fish (lbs.)	2,446,566	3,146,966	3,464,209	3,166,201	2,120,646	1,421,405	878,622	772,307	1,144,373	2,052,144
Milk and milk products (lbs.)	735,805	483,180	143,635	432,080	205,720	237,679	204,227	180,553	257,760	487,400
Edible fats and oils (lbs.)	1,525,941	1,024,969	1,687,022	1,088,735	566,569	874,476	739,460	370,310	457,715	4,329,503
Game (lbs.)	3,450	3,450	102	.....	203,841	173,237	168,737	7,256	168,545	171,464
Miscellaneous articles (pkgs.)	32,521	122,864	6,186	68,275	100,074	80,071	19,789	6,826	11,548	.....

Egg Breaking Establishments—It has been found that establishments where the breaking of eggs is conducted have been operated in general compliance with the law and regulations governing such places in force in this State. At the present time six establishments are licensed by the Department to break eggs for food purposes. One establishment is licensed to break eggs for manufacturing purposes only.

The business of breaking eggs for food purposes seems to be increasing. Two applications have been received recently for licenses to engage in this business. One of these places is now operating under temporary permission and the other place is in the course of construction.

The following summary gives the names of concerns, addresses and the kind of business for which license was granted, and also the condition of the establishment at the time of the last inspection:

OWNER.	Address.	License Granted to Break Eggs for—	Condition of Establishment.
Great Atlantic and Pacific Tea Co.	Jersey City.	Food purposes only.	Poor, not operating.
Morris Meyer.	Jersey City.	Food purposes only.	Fair.
B. Titman.	Jersey City.	Food purposes only.	Good.
Droste & Snyder.	Newark.	Food purposes only.	Good.
Swift & Co.	Newark.	Food purposes only.	Fair.
Holcombe & Wilson.	Trenton.	Food purposes only.	Good.
M. Strudler.	Newark.	Food purposes only. Temporary permission.	Fair.
Philip Weber.	Jersey City.	Mfg. purposes only.	Good.

Slaughter-House Inspection—The operators of slaughter-houses in this state are required by Chapter 295 of the Laws of 1910 to obtain a license each year from the State Department of Health to conduct their business. Before an application for a license to operate a slaughter-house is considered the proprietor must obtain the approval of the site from the local health officials within whose jurisdiction the establishment will be located. Such approval when obtained must be submitted to the State Department of Health when application for a license is made. The power to revoke licenses for failure to comply with the law and regulations governing the operation of slaughter-houses, has been an effective means of controlling the sanitary conditions under which the business of slaughtering is conducted. On June 1st, 1919, 236 slaughter-houses were being

operated in this state under a license from this Department. During the time from November 1st, 1917, to June 30th, 1919, 1709 inspections have been made of slaughter-houses by representatives of this Bureau. Our list of licensed slaughter-houses does not include small dealers and farmers who slaughter animals occasionally on farms where the animals are raised.

Meat Inspection—There is no legislation in force in this state requiring the inspection of meat at the time of slaughter, and while sufficient authority is contained in the food law to prevent the sale of diseased meat, it is obvious that no far-reaching results will be obtained until a comprehensive system of meat inspection is in effect. The following table shows the amounts and kinds of meat which have been inspected during the year:

CARCASSES.			PARTS OF CARCASSES.		
	Passed. lbs.	Condemned. lbs.		Passed. lbs.	Condemned. lbs.
Beef	328	64	Beef	9,470	14,730
Hogs	2	.....	Hogs	8,275	80
Calves	426	.....	Calves	535	.....
Sheep	2	.....	Sheep	220	.....
Totals ...	758	64	Totals ...	18,500	14,810

The above mentioned meat inspections were made in conjunction with slaughter-house inspection work and in connection with post mortem examinations of dairy animals which were suspected to be affected with tuberculosis.

Several communications have been received recently by the Bureau from local boards of health throughout the state requesting information regarding the enforcement of that section of the Food and Drug act relative to the sale of immature veal. Officials of the Bureau of Animal Industry, U. S. Department of Agriculture, were consulted in regard to their policy and regulations with respect to the inspection of calf carcasses in establishments under their supervision. The opinion was expressed that the food and care which a calf received had more influence on the development of the animal than the age, and that the weight of calves varied considerably in the different breeds of cattle. Authorities agree generally that the age or weight of calves are not the important factors in determining the suitability of meat for food purposes. It would appear, therefore, that the present section of the food law which prohibits the sale of meat from calves less than four weeks old, at the time of slaughter, be changed to agree with the regulation of the United States Department of Agriculture for guidance in the inspection of veal.

The following table shows the number and kinds of samples of food, other than milk and cream, collected during the period of time from November 1st, 1917, to June 30th, 1919:

Article.	*Above Standard.*	*Below Standard.*	*Total.*
Beverages	282	28	310
Bread	6	1	7
Butter	133	6	139
Candy	5	...	5
Cocoa	...	1	1
Coffee	1	...	1
Corn starch	1	...	1
Cottonseed oil	1	...	1
Evaporated and condensed milk	92	13	105
Egg substitutes	1	2	3
Flour	11	...	11
Flavoring extracts	24	4	28
Hamburg steak	29	3	32
Honey	1	...	1
Jelly and preserves	4	...	4
Kumyss	1	...	1
Lard	43	13	56
Mustard, gr.	1	...	1
Oat meal	1	1	2
Oleomargarine	6	...	6
Olive oil	92	14	106
Peas, canned	1	...	1
Pepper, black	5	...	5
Pepper, white	3	...	3
Pie	2	...	2
Rice	1	...	1
Saccharine	6	...	6
Sausage	28	2	30
Sausage condiments	7	...	7
Sugar	1	2	3
Syrup, maple	10	...	10
Syrup, table	25	...	25
Tomatoes, canned	4	...	4
Tomato catsup, pulp, paste	76	28	104
Vinegar	1	5	6
Totals	905	123	1,028

Non-alcoholic Beverages—In 1916 and 1917 a complete survey was made of establishments where non-alcoholic beverages are prepared for the purpose of ascertaining the sanitary conditions of such places. As a result of these inspections notices were sent to the operators of certain plants recommending such improvements as were deemed necessary to cause their establishment to be operated in compliance with the regulations of the Department. Copies of the notices were sent to local boards of health of the municipalities where inspections were made with a request that reinspections be made of the establishments by their representatives. Another survey is now being made in company with local representatives for the purpose of ascertaining

if the operators have complied with our recommendations. In view of the fact that the beverages are consumed largely by the inhabitants of municipalities where they are manufactured, the sanitary inspection of such places seems to be a function of the local boards of health, and we are, therefore, endeavoring to interest local authorities in inspection work along this line. Representatives of this Bureau have collected 310 samples of soft drinks from manufacturers for the purpose of ascertaining whether or not the beverages contained saccharine and other substances prohibited by law. Of this number 28 were found to contain saccharine.

The Bureau of Chemistry, U. S. Department of Agriculture, has ruled that food containing saccharine will be regarded as adulterated. This Department has discouraged the use of saccharine in food products because it has no food value, and further, because the Referee Board has ruled that the continued use of saccharine, even in small quantities, may be injurious to health.

Oleomargarine—The practice of offering oleomargarine for sale in response to requests for butter appears to have been discontinued excepting in rare instances. We attribute the decrease in the number of violations of Chapter 84 of the Laws of 1886 to the rigid enforcement of this act in the past and the extensive advertising of oleomargarine under its true name.

Drugs—The Food and Drug act of this state provides that a drug sold under or by a name recognized in the United States Pharmacopoeia or by the National Formulary, shall be deemed to be adulterated if it differs from the standard of strength, quality or purity laid down in the United States Pharmocopoeia or National Formulary, official at the time of the investigation.

The following table shows the number and kinds of samples of drugs purchased under names recognized by the 9th Revision of the U. S. Pharmacopoeia and by the 4th edition of the National Formulary:

Article.	*Above Standard.*	*Below Standard.*	*Total.*
Aqua ammoniæ	1	...	1
Aqua hamamelidis	41	6	47
Elixir ferri quininæ et strychninæ	1	...	1
Fluidextractum frangulæ	1	...	1
Liquor hydrogenii dioxidi	8	21	29
Liquor magnesii citratis	24	23	47
Opium	...	1	1
Quininæ bisulphas	8	...	8
Spiritus camphoræ	2	...	2
Spiritus menthæ piperitæ	14	1	15
Spiritus myrciæ compositus	36	4	40
Tinctura arnicæ	1	...	1
Tinctura iodi	2	...	2
Tinctura myrrhæ	1	...	1
Tinctura zingiberis	2	...	2
Totals	142	56	198

The following table shows the number and kinds of drugs collected under names other than those recognized by the U. S. Pharmacopoeia and the National Formulary:

Article.	*Above Standard.*	*Below Standard.*	*Total.*
Antiseptic tablets	...	1	1
Aspirin tablets	10	8	18
Cough remedies	2	1	3
Dakin's solution	...	1	1
Hair tonic	78	3	81
Proprietary remedies	4	6	10
Rheumatic remedy	...	1	1
Toilet waters	28	2	30
Totals	122	23	145

Patent Medicines—The Bureau has continued the investigation started in 1917 regarding the misbranding of proprietary medicines. The labels and literature used in connection with the sale of several preparations have been found to contain statements which were false and misleading and were therefore misbranded. The misbranding of these preparations took the form of specific therapeutic claims for such diseases as diphtheria, tuberculosis, diabetes, catarrh, asthma, infantile paralysis, syphilis and gonorrhoea. In most cases the misbranding of medicinal preparations was corrected by notifying the manufacturer that the sale of preparations for which false and misleading statements are made constitutes a violation of the Food and Drug act.

As a result of our investigations it is apparent that the statements made in connection with the sale of certain drugs are prepared in such a manner as to comply with the law and at the same time the wording suggests to the average purchaser exaggerated curative properties.

A sample of a proprietary preparation for the treatment of venereal diseases which was manufactured in another state, was collected from a wholesale druggist. This sample was found to be misbranded in that claims were made on the label which were misleading. In view of the fact that the preparation was manufactured in another state the sample and evidence showing inter-state shipment were submitted to the U. S. Department of Agriculture, Bureau of Chemistry.

The dangers to children which are incurred by the use of preparations containing opium and alcohol are well known, and it is therefore suggested that legislation be secured to prohibit the sale of all patent and proprietary preparations which contain any chloral hydrate, opium, morphine, heroin, codiene or any salt derivatives or compounds of any of the above mentioned substances, the labels of which indicate that they are to be used for the treatment of babies or young children.

Methyl Alcohol—Representatives of the Bureau collected 176 samples of toilet preparations from manufacturers, retail stores and barber shops. Only four of these samples were found to contain methyl alcohol. The rigid enforcement of Chapter 286 of the Laws of 1912 has discouraged the use of methyl alcohol in medicinal and toilet preparations in New Jersey and the few samples of preparations which have been found to contain methyl alcohol have been traced to manufacturers outside of the State.

Co-operation—This Bureau has endeavored to co-operate with the Bureau of Chemistry, U. S. Department of Agriculture and collected evidence in inter-state shipments of questionable foods and drugs. We have also worked in co-operation with the various Bureaus of this Department, the New Jersey Department of Agriculture, the various local boards of health of this State, the Dairy Division of the U. S. Department of Agriculture and with the United States Food Administration in matters pertaining to food control work.

Report of George W. McGuire on Ice Cream Factories for 1918.

Following is a report showing the work performed from January 1st, 1918, to December 31st, 1918, in the inspection of ice cream factories.

Four hundred and eighty-nine factories were visited during the year. Four hundred and forty-three were in operation and forty-six had discontinued the business.

There was, approximately, manufactured during the year in the 443 operating factories 3,956,665 gallons of ice cream. It required about 5,275,553 gallons of milk to furnish this output.

As will be seen by the tables below, about one-half of these factories are located in cellars, few of which have proper light and ventilation. When natural light is provided at all, it enters through windows located at the sidewalk end of the cellar opening into an areaway under a sidewalk and covered with an iron grating. These areaways in every instance were found to contain large quantities of dried street dirt, which found its way to the shelves, tables, benches, ledges and other projections in the rooms, and in many cases the containers, machinery and other equipment was defiled by this material.

Letters were sent to proprietors of cellar factories to permanently seal these windows and paint the sash and sills a white color. Many of them objected to carrying out the orders of the Director in this respect on the ground that the State Department of Labor required the windows to be kept open in order to secure sufficient ventilation for the workmen. In order that no conflict of authority through a misunderstanding should occur in the future, an appointment was made with the State Commissioner of Labor for the purpose of arriving at a proper understanding regarding this matter. After a full discussion of the subject the Commissioner concurred in our views and requested that a list of the objectionable factories be sent to him. A list of twenty-six factories was furnished to him and he immediately issued orders to his inspectors to see that all instructions given to ice cream manufacturers by the State Department of Health are obeyed, and promised full co-operation in our future endeavors to safeguard the product.

In a number of cases there has been marked improvement shown, but so long as cellars are permitted to be used for the manufacture of ice cream the danger from this source will exist.

This form of contamination, comprising as it does, human expectorations, animal filth, &c., is a serious menace to the purity of a food

product which is eaten in a raw state and it is not unreasonable to suppose that it contains tubercular and other pathogenic germs.

In about two-thirds of the factories the old fashioned tub type of freezer is used; this frequently requires the use of the bare hands to remove the mixture from the metal dasher and from the sides of the cans. After the mixture is frozen the dasher is often laid on a dirty shelf or hung on the wall where it is exposed to dust and fly contamination. The modern type of freezer is of a vertical or horizontal shape connected with brine freezing attachments and so operated that the hands do not at any time come in contact with the mixture, which when frozen is discharged into containers without exposure to the air of the factory.

The cleansing of all containers, utensils and apparatus with which this product comes in contact is a most important detail of the work of an ice cream manufacturer. The larger factories are provided with steam outfits and in most of them live steam is applied, after washing, to all vessels and utensils. These larger factories and a number of the smaller ones are equipped with adequate washing facilities, such as wash vats or suitable sinks in which to wash all vessels and utensils, as well as having ample provisions for heating water. Others, however, have very meagre facilities and the work is not properly done. Each one of these establishments should be provided with sinks and an adequate supply of running hot and cold water.

Where factories have been found to be lacking in proper washing facilities they have been ordered to provide them and in some cases it has been done, but time has not permitted a reinspection of all the places during the year.

The ingredients used in the manufacture of ice cream in this state are received in a pure condition. The formulas for making the commodity varies in the different factories. The most favorite receipt is cream ranging from 16 to 20 per cent butter fat, 33⅓ per cent, whole milk 33⅓ per cent and condensed milk 33⅓ per cent, with the addition of sugar and flavoring or fruit.

Only thirty-four of the four hundred and forty-three dealers use cream exclusively in their product. Commercially cream is the most valuable single ingredient contained in ice cream, costing from 50 cents to 60 cents a pound as against 5 cents to 6 cents for other ingredients.

In fourteen establishments the formula used called for whole milk, cream and eggs or cream and eggs with the addition of sugar and flavoring. This mixture is heated to the boiling point before freezing and is considered to be the best and safest product on the market.

During these inspections each manufacturer was asked a question as to whether the milk products handled by him were pasteurized before using. Two hundred and seventy-one of them answered that they did not know whether they were or not, although in some cases the transportation cans were plainly labeled "pasteurized," indicating that they had been shipped from pasteurizing plants. Thirty-four

operators stated that their milk and cream had not been pasteurized and thirty-seven declared that they had ordered and received the pasteurized product.

After visiting these factories and observing the processes of manufacture carried on in them and the indifferent handling of the delicate materials used in the composition of this product, one is impressed with the importance of requiring all milk products used in the preparation of ice cream to be pasteurized.

A few of them have their own pasteurizing apparatus and heat the raw milk and cream to 145° F. before freezing. A few others pasteurize the whole mixture.

Following are the methods pursued by two of the largest manufacturers:

No. 1. "Batch is heated to 145° F. and held 30 minutes. It is then homogenized, next runs over a covered tubular cooler and cooled in a few minutes to 40° F. after which it is placed in a cooling room until ready to freeze.

No. 2. "Cream, milk, gelatine and sugar is placed in a pasteurizer heated to 145° F. and held for 30 minutes. This mixture is then conveyed through sanitary pipes to homogenizer, whence it passes over cooler and the temperature reduced to 40° F. It is then stored in covered vats at the same temperature until ready to freeze. When ready to freeze the mixture is conveyed through sanitary pipes 1¼ inches in diameter, by gravity, to the freezers."

This procedure takes place without exposing the product to the air of the factory and without it coming in contact with the hands of the operator.

The following table shows the kind of equipment, milk products and sanitary condition of the factories inspected:

Number of factories visited	489
Number of factories operated	443
Number of factories out of business	46
Number of factories above ground	222
Number of factories in cellar	220
Number of factories detached buildings	78
Number of factories using tub freezers	341
Number of factories using vertical freezers	53
Number of factories using horizontal freezers	48

Milk Products Used in Ice Cream in 443 Factories.

Cream, milk, condensed milk	276
Cream	34
Cream and milk	49
Cream, condensed milk, milk powder	9
"Ice cream powder"	1
Cream, condensed milk	57
Milk, cream, eggs	14
Milk, cream, starch	1
Milk, cream, condensed milk, milk powder	1
Butter, milk, cream, condensed milk	1

Answers to Question as to Whether Milk Products Were Pasteurized.

"Yes"	37
"No"	34
"Don't know"	271

List Showing the Nature of Insanitary Conditions During the Year.

Yard adjacent to factory unclean, open privy unprotected.
Inadequate washing facilities.
No draining racks for cans and utensils.
Products manufactured in kitchen of dwelling.
Insanitary pipes.
Congestion of non-essential articles including clothing, shoes, garbage and rubbish.
Accumulation of street dirt on shelves, sills, ledges and other projections.
No proper wash vat.
An abundance of flies.
Floors, walls, shelves and ledges dirty.
Open privy unprotected 5 to 20 feet from factory.
Yard unclean, chickens in yard, flies in factory, bad odors, factory unscreened.
Insanitary toilet in factory.
All surfaces unclean, no screens, no washing facilities.
Wood floor, surplus non-essential articles, products exposed to dirt, no racks, place in disorder.
Factory in disorder, storage of non-essential articles, pigpen within 50 feet.
Surfaces all dirty, cellar steps and space beneath unclean. No racks.
Unclean sink.
Defective floor drainage.
Sleeping quarters in mixing room.
Filth under ice boxes.
Meat, vegetables and groceries in unclean factory.
Milk cans used for other substances than milk.
Bad odors from catch basin.
No natural light or ventilation.
Floor drainage through holes to ground beneath. Family washing in factory.
Factory room used for storage of bedding and bedroom furniture recently removed from deceased influenza victim.
Interior of large refrigeratory thickly covered with moulds.

Report of Bureau of Engineering.

H. P. CROFT, CHIEF.

The decrease in the personnel of the Bureau produced by the men volunteering for service in the United States Army has seriously affected the work of the Bureau. Due to the insufficient appropriation and lack of sanitary engineers, it was impossible to fully carry on the work assigned, and only those inspections and investigations of most importance to the public health were attempted.

On May 28th, 1918, as a result of these conditions, the Department adopted the following resolution:

"That until further notice, the Department of Health of the State of New Jersey finds it necessary to cease investigating pollutions of the potable and unpotable waters of the state, and will not prosecute such cases unless they are shown to be injurious to the health of the inhabitants of this state, or unless complete evidence, suitable for the prosecution of the case, is presented to the Department by the complainants."

The Bureau has in the past endeavored to maintain a fairly uniform schedule, whereby each sewage and water treatment plant received four or more inspections each year. This schedule could not be maintained. Due to the drought during the summer months of 1918, the lack of water in reservoirs and streams throughout the state reached the most critical stage known in years. The request from those in charge of the various water plants for assistance on account of the necessary use of emergency supplies became so numerous that only the plants that absolutely required temporary supervision and advice were visited.

Duties of the Bureau—The work of the Bureau covers the following main divisions: The examination of plans for proposed water and sewage treatment works; the inspection of the operation of water and sewage treatment works; the investigation of stream pollution from industrial trade wastes and domestic sewage; the inspection of watersheds from which potable water supplies are derived; and, the investigation of complaints.

The following tabulation shows the per centum of the time required for the performance of the work of the Bureau since the end of the fiscal year of 1917:

	Nov. 1, 1917 to June 30, 1918	July 1, 1918 to June 30, 1919
Examination of plans and replying to correspondence	15.0	12.1
Routine investigation of public water supplies	6.5	6.6
Special investigation of public water supplies	7.8	6.1
Routine investigation of sewage treatment works	10.5	6.3
Special investigation of sewage treatment works	9.9	13.9
Special investigation of stream pollution by industrial trade wastes	4.9	11.4
Inspection of watersheds from which potable water supplies are derived	1.1	6.0
Investigation of complaints relating to pollution of streams not used as potable water supplies	3.3	4.1
Analyzing samples, writing reports, &c.	30.0	24.02
Court cases, collection of water samples, including those for railroad certification, &c.	11.0	9.5

AT THE FOLLOWING PLACES SEWAGE TREATMENT PLANTS ARE UNDER CONSTRUCTION OR HAVE BEEN CONSTRUCTED.

AMATOL (Atlantic Loading Company) :—On September 3d, 1918, plans were approved for a sanitary sewer system and a sewage treatment plant consisting of the following units: A one-story sedimentation tank, a dosing tank, and five sand filtration beds. The plans were approved with the proviso that a sludge drying bed will be constructed when required. The effluent is discharged into Lucas creek, a tributary of the Mullica river.

BOONTON (E. A. Stevenson Company) :—On January 14th, 1919, plans for the treatment of industrial wastes were approved. The plant consists of a grit chamber, grease traps, aerating tanks, sedimentation tanks, and sludge lagoons. The effluent is discharged into the Rockaway river.

BORDENTOWN (Industrial School) :—On July 2d, 1918, plans were approved for a one-story sedimentation tank with two compartments, and a sludge drying bed. The effluent is discharged into the Delaware river.

CAMDEN (Yorkship Village) :—On September 17th, 1918, plans were approved for a sanitary sewer system and a sewage treatment plant. The effluent is discharged into the Newton creek.

CAMP DIX :—On November 13th, 1917, plans were approved for a sewage treatment plant consisting of the following units: A one-story sedimentation tank with two compartments, each 20 feet in width, 80 feet in length, and 14½ feet in average depth; a dosing tank, with a capacity of 3,650 gallons; and a sprinkling filter with an area of 1.08 acres and 5½ feet in depth. The plans were approved with the proviso that secondary settling tanks will be constructed when required. The effluent is discharged into the South Branch of the Crosswick's creek.

CAMP MERRITT :—On November 13th, 1917, plans were approved for a sedimentation tank, with a capacity of 290,000 gallons, with the proviso that a sprinkling filter and a secondary settling tank will be constructed when required. The effluent is discharged into the Hackensack river.

COLONIA (U. S. Base Hospital) :—A sewage treatment plant was constructed consisting of the following units: A rectangular sedimentation tank, with a capacity of 64,000 gallons; a dosing tank, with a capacity of 1,140 gallons; a sprinkling filter, with an area of .164 acres and 5½ feet in depth; and two "Humus" tanks, each 5 feet in width, 15 feet in length, and 4 feet in depth. Plans were not submitted for action. The effluent is discharged into the Rahway river.

EWING TOWNSHIP (Agasote Millboard Company) :—On January 14th, 1919, plans were approved for an industrial waste treatment plant. The effluent is discharged into Gold run, a tributary of the Delaware river.

KEARNY (Federal Shipbuilding Company) :—On December 4th, 1917, plans were approved for nine one-story sedimentation tanks. The plans were approved with the proviso that additional units for the purification of the sewage will be installed when required. The effluents are discharged into the Newark bay.

KENILWORTH (American Can Company) :—On April 2d, 1918, plans were approved for a sewage treatment plant consisting of a two-story sedimentation tank, a dosing tank, two sand filtration beds, and a sludge drying bed. On May 7th, 1918, amended plans were approved. The effluent is discharged into the Rahway river.

KENVIL (Hercules Powder Company) :—On September 3d, 1918, plans were approved for a sewage treatment plant consisting of a one-story sedimentation tank, a dosing tank, and two sand filtration beds. The effluent is discharged into Black river.

LITTLE SILVER (Camp Vail) :—Two sewage treatment plants were constructed at this camp. The plans were not submitted for action. The effluent is discharged into a tributary of the Raritan bay.

METUCHEN (Camp Raritan) :—A sedimentation tank was constructed, the plans for which were not submitted for action. The effluent is discharged into a tributary of the Raritan bay.

METUCHEN (Woodbrook Farm) :—The sewage treatment plant is now in operation. The effluent is discharged into a tributary of the Raritan bay.

MIDLAND TOWNSHIP (Home of Divine Providence) :—On May 13th, 1919, plans were approved for a one-story sedimentation tank with two compartments, each 7 feet in width, 14 feet in length, and 7 feet in depth; a dosing tank, with a capacity of 600 gallons; and three sand filtration beds, 20 feet by 60 feet, and 3 feet in depth. The effluent is discharged into Hohokus creek.

NEW LISBON (Burlington County Tubercular Sanatorium) :—On November 13th, 1917, plans were approved for a sewage treatment plant consisting of the following units: A one-story sedimentation tank with two compartments, each 4½ feet in width, 12 feet in length, and 5½ feet in depth; a dosing tank, with a capacity of 500 gallons; and two sub-surface irrigation fields, each field contains 2,000 feet of 3-inch farm tile.

NOREG (Emergency Fleet Corporation) :—On February 4th, 1919, plans were approved for a sanitary sewer system, a pump station, and a sewage retention tank, with the proviso that works for the purification of the sewage discharged will be constructed when required. The effluent is discharged into the Delaware river.

PLAINFIELD :—On March 5th, 1918, plans were approved for additions to the sewage treatment plant. The plans call for the installation of a Reinsch-Wurl Screen, 10 feet in diameter with ⅛-inch slots; and a sludge drying bed, with an area of 5,400 square feet.

POMPTON LAKES (E. I. du Pont de Nemours & Company) :—On May 7th, 1918, plans were approved for alterations and additions to the sewage treatment plant.

RED BANK :—The additional sedimentation tank is now in operation. The effluent is discharged into the Navesink river.

ROEBLING :—On July 2d, 1918, plans were approved for alterations to the sanitary sewer system, and for a sewage pumping station.

SAYREVILLE TOWNSHIP (Gillespie Loading Company) :—On July 2d, 1918, plans were approved for a sewage treatment plant. The effluent is discharged into a tributary of the Cheesequake creek.

WAYNE (E. I. du Pont de Nemours & Company):—On May 28th, 1918, plans were approved for a sewage treatment plant consisting of the following units: A sedimentation tank with two compartments, each 5 feet in width, 8 feet in length and 8 feet in depth; a dosing tank; and a sprinkling filter, with an area of .014 acres and 6 feet in depth; a secondary sedimentation tank; and a manual control direct feed chlorinator. The effluent is discharged into the Pompton river.

WANAQUE (Wanaque River Paper Company):—On September 17th, 1918, plans were approved for two sewage treatment plants, each to consist of a one-story sedimentation tank and sub-surface irrigation fields. An experimental plant for the treatment of industrial wastes has been installed.

WRIGHTSTOWN:—On April 2d, 1918, plans were approved for a sewage treatment plant consisting of the following units: A one-story sedimentation tank with three compartments, each 8½ feet in width, 20 feet in length, and 6 feet in depth; and two sand filtration beds, each 75 feet by 90 feet, and 3 feet in depth. The effluent is discharged into the North Branch of the Cross-wick's creek.

Water Treatment Plants—In this state there are 68 water treatment plants, and 19 plants using chlorine as the only method of purification. A minor portion of the water filtration plants, and only four of the chlorination plants, are under expert technical supervision. At plants where surface waters are treated or purified, the variations in the quality of the raw water require changes in the amounts of chemicals or disinfectant added, and in order to make these required changes chemical analyses and bacteriological examinations should be made at least daily. The operation of these plants without expert supervision means that the burden is placed upon this Bureau, and it is impossible with the limited personnel to determine whether or not a water safe for potable purposes is being secured at all times.

The following table, No. 12, shows the total number of water treatment plants in operation, with information as to the tests made at these plants:

TABLE NO. 12.—TYPE OF WATER TREATMENT PLANTS.

TYPE OF WATER TREATMENT PLANTS.	Total Number of Plants.	Number of Plants Making Daily Determination for—					Number of Plants Making Weekly or Monthly Determination for—		Name of Company or Municipality Making Test.	Determination Made, Number.
		Alkalinity.	Color and Turbidity.	Bacteria.	Free Chlorine.	Oxygen Consumed, Etc.	Bacteria.	Complete Chemical Analysis.		
		(1)	(2)	(3)	(4)	(5)	(6)	(7)		
Plants for Removal of Bacteria Only:										
Chlorine disinfection for emergency	2									
Hypochlorite disinfection of well water	1									
Chlorine disinfection of surface water	16		2	2			2		Atlantic City	6
									Jersey City	2 3 3
									Newark	2 6
									Orange	
7 Hypochlorite disinfection, with mechanical filtration (gravity type) for emergency,	1						1		Lehigh Water Co.	6
Plants for Removal of Carbon Dioxide:										
Aeration and lime treatment	1									
Plants for Removal of Iron:										
Aeration and sedimentation	1									
Aeration and mechanical filtration (pressure type)	6									
Permutit pressure filtration	1									
Aeration and mechanical filtration (gravity type)	10									
Aeration, sedimentation, and mechanical filtration (gravity type), with chlorine disinfection for emergency surface supply	2									
Aeration, sedimentation, and mechanical filtration (gravity type)	1									
Aeration, sedimentation, and mechanical filtration (gravity type) with hypochlorite disinfection for emergency surface supply	1									
Lime, sedimentation, and mechanical filtration (pressure type)	1									
Aeration, lime, and mechanical filtration (gravity type)	1									

TABLE NO. 12.—TYPE OF WATER TREATMENT PLANTS—*Continued.*

TYPE OF WATER TREATMENT PLANTS.	Total Number of Plants.	Number of Plants Making Daily Determination for—				Number of Plants Making Weekly or Monthly Determination for—		Name of Company or Municipality Making Test.	Determination Made. Number.
		Alkalinity.	Color and Turbidity.	Bacteria.	Free Chlorine.	Oxygen Consumed, Etc.	Bacteria.	Complete Chemical Analysis.	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	
Plants for Removal of Bacteria, Color and Turbidity:									
Slow sand filtration	2								
Mechanical filtration (gravity type)	1								
Mechanical filtration (pressure type) and hypochlorite disinfection	2	1	2		1		1		1, 2, 4, 6
Mechanical filtration (pressure type) and chlorine disinfection	3	1	2				1		1, 2, 6
Mechanical filtration (gravity type) and hypochlorite disinfection	6	4	5	2	2	1		1	2
Mechanical filtration (gravity type) and chlorine disinfection	8	7	7	4	4	3	1	3	1, 2, 6 1, 2, 3, 4, 5, 6, 7 1, 2, 3, 4, 5, 6, 7 1, 2, 4 1, 2, 4
Mechanical filtration (pressure type) and lime with aeration and sedimentation for iron removal	1	1	1				1		1, 2, 3, 4, 5, 7
Aeration, sedimentation, mechanical filtration (gravity type) and chlorine disinfection	1	1	1						1, 2, 6
	1	1	1				1		1, 2, 6

Name of Company or Municipality Making Test.	Determination Made. Number.
Middlesex Water Co.	1, 2, 4, 6
Somerville Water Co.	2
Rahway (Municipal)	1, 2, 6
Tintern-Manor Water Co. (West End)	2
Glen Gardner (N. J. T. S.)	1
Hackensack Water Co.	1, 2, 3, 4, 5, 6, 7
Mt. Holly	1, 2, 3, 4
N. J. Zinc Company	1, 2, 3
Skillman (State Village)	2
Bridgeton	1, 2, 6
Burlington	1, 2, 3, 4, 5, 6, 7
Elizabeth	1, 2, 3, 4, 5, 6, 7
Montclair Water Co.	1, 2, 3, 4, 5, 6, 7
Roebling	1, 2, 3, 4
Tintern Manor Water Co.	1, 2, 4
(Newman Springs)	
Trenton	1, 2, 3, 4, 5, 7
Monmouth County Water Co.	1, 2, 6
New Brunswick	1, 2, 6

The following table, No. 13, shows the average result of the samples collected upon the inspections made at the water treatment plants, together with information as to the treatment of the water supplied:

TABLE NO. 13.—AVERAGE RESULTS OF THE ANALYSES OF SAMPLES COLLECTED AT WATER TREATMENT PLANTS.

PLANT OR LOCATION.	Treatment.	Number of Inspections.	Color.	Alkalinity in p. p. m.	Iron in p. p. m.	20° C. Bacteria per c.c.	37° C. Bacteria per c.c.	Per Cent of Samples Containing B. coli.
Allenhurst	Lime, sedimentation, pressure filtration for iron removal	1			1.2			0
Allentown	Gravity sand filtration	2	7			47	4	0
Asbury Park (Municipal.)	Aeration and pressure filtration for iron removal.	1			1.5			
Atlantic City	Chlorine disinfection	6				4	2	0
Atlantic Highlands	Aeration and pressure filtration for iron removal.	1				27	11	0
Belvidere Water Co.	Chlorine disinfection	5	15			1	5	0
Bergen Water Co.	Hypochlorite disinfection	2		76		49	216	0
Bernards Water Co.	Chlorine disinfection	12	5	20	0.2	4	0	0
Blackwood Water Co.	Aeration and gravity sand filtration for iron removal	1	10		0.15	280	70	20
Bound Brook Water Co.	Pressure filtration and chlorine disinfection	22	9	55				0
Bridgeton	Gravity sand filtration and chlorine disinfection	14	7	9		284	65	1
Burlington	Gravity sand filtration and chlorine disinfection	22	5	21		17	93	0
Cranbury	Aeration and lime treatment for CO_2 removal	3	0	29	0.2	960	37	7
Dover	Chlorine disinfection	14				5	1	0
Elizabethtown Water Co.	Gravity sand filtration and chlorine disinfection	26	37			14	6	0
Flemington Water Co.	Gravity sand filtration and hypochlorite disinfection.	8	3	46		71	131	2
Franklin	Gravity sand filtration and hypochlorite disinfection.	4	5	60		119	8	2
Frenchtown	Chlorine disinfection	10	5	12		7	1	0
Glen Gardner (N. J. T. S.)	Gravity sand filtration and hypochlorite disinfection	5	5	23	0.05	234	139	20
Gloucester	Aeration, gravity sand filtration for iron removal; chlorine disinfection on emergency supply	15		20	0.9	80	12	0
Hackensack Water Co.	Gravity sand filtration and hypochlorite disinfection.	3				440	175	10
Haledon	Slow sand filtration	12	24			67	41	0
Helmetta	Permutit pressure filtration for iron removal	3	10		0.8	55	56	14
High Bridge	Chlorine disinfection	9						0
Highlands	Aeration and gravity sand filtration for iron removal	1	0		0.1	468	17	12
Highlands (J. M. Johnson.)	Gravity sand filtration for iron removal	1				5	0	1
Hightstown	Aeration, lime treatment and gravity sand filtration for iron and CO_2 removal	2	0	4	0.13	0	0	0
Ideal Beach Water Co. (Keansburg.)	Aeration and gravity sand filtration for iron removal	1			0.15			0
Jersey City	Chlorine disinfection	1	10	37		110	70	0
Keansburg Water Co.	Aeration and gravity sand filtration for iron removal	1			0.05			0

TABLE NO. 13.—AVERAGE RESULTS OF THE ANALYSES OF SAMPLES COLLECTED AT WATER TREATMENT PLANTS—*Continued.*

PLANT OR LOCATION.	Treatment.	Number of Inspections.	Color.	Alkalinity in p. p. m.	Iron in p. p. m.	20° C. Bacteria per c.c.	37° C. Bacteria per c.c.	Per Cent of Samples Containing B. coli.
Keansburg Beach Water Co.	Aeration and pressure filtration for iron removal.	1	....	....	0.1	....	....	0
Keyport	Aeration and gravity sand filtration for iron removal	3	....	....	0.6	0	0	0
Lakeside Park Water Co. (Kirkwood.)	Aeration and gravity sand filtration for iron removal	1	....	....	....	....	....	0
Lambertville	Slow sand filtration	10	16	....	....	462	40	10
Lehigh Water Co. (Phillipsburg.)	Hypochlorite disinfection; mechanical filtration at times	1	....	....	....	42	20	0
Montclair Water Co.	Gravity sand filtration and chlorine disinfection	21	5	15	....	133	8	2
Moorestown	Aeration, sedimentation and gravity sand filtration for iron removal	5	8	7	....	106	9	0
Mount Holly Water Co.	Gravity sand filtration and hypochlorite disinfection.	26	25	28	....	21	5	0
Newark	Chlorine disinfection	1	20	19	....	110	11	0
New Brunswick	Aeration, gravity sand filtration and chlorine disinfection	22	9	18	....	232	27	0
Orange	Chlorine disinfection	4	10	33	....	160	13	0
Pemberton Twp. Water, Sewerage and Light Co.	Chlorine disinfection	6	....	....	....	32	16	0
Pennsgrove Water Supply Co.	Aeration, sedimentation and gravity sand filtration for iron removal. Mechanical filtration for emergency supply with hypochlorite disinfection.	11	....	....	0.4	155	7	0
Peoples Water Co. (Millville.)	Aeration and pressure filtration for iron removal	1	....	....	0.2	....	8	0
Perth Amboy	Aeration and gravity sand filtration for iron removal on deep wells. Chlorine disinfection on surface water	4	26	....	1.32	35	6	0
Piscataway Water Co. (Middlesex Borough.)	Chlorine disinfection	2	....	....	....	4	2	0
Pompton Lakes	Chlorine disinfection	3	....	....	....	550	0	0
Rahway (Municipal.)	Pressure filtration and chlorine disinfection	17	10	41	....	800	51	11
Red Bank	Aeration and sedimentation for iron removal	2	....	....	....	300	90	0
Roebling	Gravity sand filtration and chlorine disinfection	10	5	8	....	98	35	0
Rumson Improvement Co.	Aeration and gravity sand filtration for iron removal	1	....	....	0.1	....	....	0
Salem	Chlorine disinfection	4	....	....	0.4	5,000	200	0
Lumberton Light, Water and Sewerage Co.	Chlorine disinfection	15	....	....	....	40	4	2

TABLE NO. 13.—AVERAGE RESULTS OF THE ANALYSES OF SAMPLES COLLECTED AT WATER TREATMENT PLANTS—*Continued.*

PLANT OR LOCATION.	Treatment.	Number of Inspections.	Color.	Alkalinity in p. p. m.	Iron in p. p. m.	20° C. Bacteria per c.c.	37° C. Bacteria per c.c.	Per Cent of Samples Containing B. coli.
Maple Shade Water Co.	Aeration and gravity sand filtration for iron removal	1	0	....	0.7	0	....	0
Matawan	Aeration and slow sand filtration for iron removal.	1	....	....	0.05	....	....	0
Medford Water Co.	Chlorine disinfection	10	....	....	....	90	15	80
Merchantville Water Co.	Aeration and pressure filtration for iron removal.	1	....	....	0.25	0	....	0
Middlesex Water Co.	Pressure filtration and hypochlorite disinfection.	22	12	17	....	592	65	0
Millville Water Co.	Gravity sand filtration and chlorine disinfection	14	57	48	....	130	31	30
Monmouth County Water Co. (Asbury Park.)	Pressure filtration and lime addition with sedimentation for iron removal.	4	5	19	....	305	12	0
Skillman (N. J. State Village.)	Gravity sand filtration and hypochlorite disinfection.	3	5	32	....	29	25	0
Smithville (H. B. Smith Machine Co.)	Aeration and gravity sand filtration for iron removal	1	....	....	0.15	....	....	0
Somerville Water Co. (Raritan.)	Pressure filtration and hypochlorite disinfection.	6	8	32	....	3,300	103	0
Tintern Manor Water Co. (Long Branch.)	Pressure filtration and chlorine disinfection	1	....	....	....	40	2	0
Trenton	Gravity sand filtration and chlorine disinfection	12	2	5	....	200	4	0
Vincentown	Chlorine disinfection	3	70	1	0.45	186	20	7
Watchung Water Co. (Dunellen.)	Emergency chlorine disinfection	1	30	1	....	....	....	0

Sewage Treatment Plants—The restrictions placed upon bond issues and the difficulty of securing priority of orders during the war prevented the construction of sewage treatment plants in many municipalities. Even with these restrictions, however, 27 plants have been constructed since November 1st, 1917, and there are now 264 sewage treatment plants in operation as a protection to the waters of this state.

There are four reasons for the maintenance of these sewage treatment plants: First, for the protection of potable water supplies; second, for the protection of shellfish areas; third, for the protection of bathing beaches; and, fourth, for the prevention of nuisances, which may cause actual damage to property or inconvenience to the inhabitants of the community.

The following tables, Nos. 3, 4, 5, 6 and 7, contain information in regard to the sewage treatment plants:

TABLE NO. 3.—SEWAGE TREATMENT PLANTS IN NEW JERSEY.

SEWAGE TREATMENT PLANTS.		Final Treatment by—								
Installed.	In Operation.	Settling Tanks.	Contact Beds.	Sprinkling Filters.	Sand Filters.	Sub-Surface and Broad Irrigation.	Hypochlorite of Lime.	Chlorine Gas.	Screens.	Number of Plants.
For protection of potable water supplies.	Oct. 31, 1917...	10	5	5	30	24	3	2	...	79
	June 30, 1918...	10	5	5	31	23	3	3	...	80
	June 30, 1919...	11 +	5	5	32	25	3	4	...	85
For protection of shell fish areas.	Oct. 31, 1917...	....	1	1	11	5	20	6	...	44
	June 30, 1918...	....	1	1	11	5	20	7	...	45
	June 30, 1919...	2	1	1	12	5	21	7	...	49
For protection of bathing beaches.	Oct. 31, 1917...	20	...	...	...	1	...	...	1	22
	June 30, 1918...	20	...	...	...	1	...	...	1	22
	June 30, 1919...	20	...	...	...	1	...	...	1	22
For prevention of nuisances.	Oct. 31, 1917...	34	4	10	22	17	1	3	...	91
	June 30, 1918...	35	4	10	23	17	1	4	...	94
	June 30, 1919...	47	4	11	23	18	1	4	...	108

+ = 6 Creamery Plants; 3 Industrial Waste Plants.

TABLE NO. 4.—SEWAGE TREATMENT PLANTS INSTALLED FOR THE PROTECTION OF POTABLE WATER SUPPLIES.

LOCATION OF PLANT.	Number of Inspections.	Description of Plant.	Effluent Discharged Into—
Amatol (Atlantic Loading Co.)	3	Sedimentation and intermittent filtration	Lucas brook.
Awosting (Municipal.)	1	Sedimentation and intermittent filtration	Wanaque brook.
Bernardsville (Parochial school.)	1	Sedimentation and subsurface irrigation	
Boonton (E. A. Stevenson Co.)	4	Sedimentation and aeration	Rockaway river.
Bordentown (Municipal.)	5	Sedimentation, contact beds and intermittent filtration	Black's creek.
Branchville (Creamery.)	1	Sedimentation	Paulin's kill.
Brown's Mills (Brown's Mills Co.)	8	Sedimentation, contact beds and disinfection	Rancocas creek.
Burlington (Thomas Devlin Co.)	4	Sedimentation, sprinkling filters and intermittent filtration	Delaware river.
Burlington (U. S. Cast Iron Pipe & Foundry Co.)	1	Sedimentation	Delaware river.
Butler (3 plants) (Kinney Estate.)	2	Sedimentation and intermittent filtration	Kikeout brook.
Butler (domestic) (Pequanoc Rubber Co.	1	Sedimentation and intermittent filtration	Pequannock river.
Caldwell (Municipal.)	12	Sedimentation and intermittent filtration	Passaic river.
Changewater (Tidewater Oil Co.)	1	Sedimentation and subsurface irrigation	Musconetcong creek.
Chatham-Madison (Municipal.)	8	Sedimentation, contact beds and intermittent filtration	Passaic river.
Clinton (Creamery.)	3	Sedimentation and lime treatment.	Raritan river.
Clinton (State Reformatory.)	1	Sedimentation and disinfection	Raritan river.
Clinton (State Reformatory.)	1	Broad irrigation	Raritan river.
Closter (U. S. Bronze Powder Works, Inc.)	2	Sedimentation and intermittent filtration	
Convent (St. Elizabeth's College.)	6	Sedimentation and intermittent filtration	Rockaway river.
Cresskill (Cresskill Development Co.)	1	Sedimentation and broad irrigation	
Cresskill (S. Tietjon.)	1	Sedimentation and subsurface irrigation	
Deans (Middlesex County Workhouse.)	6	Sedimentation and intermittent filtration	Lawrence brook.
Essex Fells (Municipal.)	16	Sedimentation and intermittent filtration	Caldwell brook.
Far Hills (Municipal.)	3	Sedimentation	Bellman's creek.
Far Hills (Froh-Heim Farms.)	2	Sedimentation and intermittent filtration	North branch, Raritan river.
Far Hills (G. B. Schley Estate.)	2	Sedimentation and intermittent filtration	North branch, Raritan river.
Far Hills (Mrs. Bahr.)	2	Sedimentation and intermittent filtration	North branch, Raritan river.
Flemington (Municipal.)	3	Sedimentation and intermittent filtration	Tributary of Raritan river.
Gladstone (St. Bernard's School.)	1	Sedimentation and subsurface irrigation	
Gladstone (J. C. Brady Estate.)	1	Sedimentation and intermittent filtration	

TABLE NO. 4.—SEWAGE TREATMENT PLANTS INSTALLED FOR THE PROTECTION OF POTABLE WATER SUPPLIES—*Continued.*

LOCATION OF PLANT.	Number of Inspections.	Description of Plant.	Effluent Discharged Into—
Glen Gardner (N. J. T. S.)	5	Sedimentation, sprinkling filters and disinfection	Runs to Spruce river.
Hackettstown (Lackawanna Leather Co.)	1	Sedimentation and subsurface irrigation	
Hampton (Creamery.)	1	Sedimentation and subsurface irrigation	
Hampton (Standard Water Systems Co.)	1	Sedimentation and broad irrigation	
Haskell (domestic) (E. I. du Pont de Nemours & Co.)	14	Sedimentation and intermittent filtration	Ramapo river.
Haworth (Municipal.)	1	Sedimentation and subsurface irrigation	
Helmetta (Municipal.)	2	Sedimentation and contact beds	South river.
High Bridge (Taylor-Wharton Iron & Steel Co.)	3	Sedimentation and intermittent filtration	Raritan river.
Kenilworth (American Can Co.)	4	Sedimentation and intermittent filtration	Rahway river.
Kenvil (Hercules Powder Co.)	11	Sedimentation and intermittent filtration	Black creek.
Lambertville (Maurice Canning Co.)	1	Sedimentation and broad irrigation	
Macopin (City of Newark.)	3	Sedimentation and intermittent filtration	Pequannock river.
Mahwah (American Brake Shoe & Foundry Co.)	6	Sedimentation and intermittent filtration	Tributary of Ramapo river.
Mahwah (American Land & Development Co.)	6	Sedimentation and disinfection	Tributary of Ramapo river.
Medford (Municipal.)	18	Sedimentation and intermittent filtration	Hayne's creek.
Morris Plains (State Hospital.)	1	Sedimentation and intermittent filtration	Whippany river.
Morris Plains (State Hospital.)	1	Sedimentation and subsurface irrigation	Whippany river.
Morristown (Municipal.)	27	Sedimentation, contact beds, intermittent filtration and chlorine disinfection	Whippany river.
Neshanic (Creamery.)	1	Sedimentation and lime treatment.	Raritan river.
New Lisbon (Almshouse.)	5	Sedimentation and subsurface irrigation	Rancocas creek.
New Lisbon (County Hospital.)	4	Sedimentation and intermittent filtration	Rancocas creek.
New Lisbon (Tuberculosis Hospital.)	1	Sedimentation and subsurface irrigation	
Newton (Clinton street) (Municipal.)	3	Sedimentation and intermittent filtration	Paulin's kill.
Newton (Sparta street) (Municipal.)	3	Sedimentation and intermittent filtration	Paulin's kill.
Pemberton (Municipal.)	8	Broad irrigation	Rancocas creek.
Pompton Lakes (Cap Works.)	5	Sedimentation and sprinkling filters	Pompton river.
Pompton Lakes (3 plants). (Fuze Works.)	10	Sedimentation and sprinkling filters	Pompton river.
Powerville (Paper Mill.)	1	Sedimentation	
Ralston (St. Margaret's Home.)	1	Sedimentation and subsurface irrigation	

TABLE NO. 4.—SEWAGE TREATMENT PLANTS INSTALLED FOR THE PROTECTION OF POTABLE WATER SUPPLIES—*Continued.*

LOCATION OF PLANT.	Number of Inspections.	Description of Plant.	Effluent Discharged Into—
Ralston (St. John the Baptist School.)	3	Sedimentation and subsurface irrigation	
Roebling (John A. Roebling's Sons Co.)	8	Sedimentation, contact beds and intermittent filtration	Delaware river.
Short Hills (F. V. Skiff Estate.)	2	Sedimentation and intermittent filtration	Rahway river.
Springfield (Chemical Company of America.)	10	Sedimentation and lagoons	Rahway river.
Sunnyside (Creamery.)	1	Sedimentation and lime treatment.	Raritan river.
Swartzwood (E. D. Rice Estate.)	1	Sedimentation and subsurface irrigation	
Three Bridges (Creamery.)	1	Chemical precipitation	Raritan river.
Trenton (2 plants) (De Laval Steam Turbine Co.)	1	Sedimentation and contact beds	Assanpink creek.
Vineland (Municipal.)	9	Natural sand filtration and disinfection	Maurice river.
Vineland (Home for Feeble Minded Women.)	6	Sedimentation and broad irrigation	
Vineland (The Training School.)	6	Sedimentation and broad irrigation	
Wanaque (Paper Mills.)	8	Experimental	Wanaque river.
Warrenville (W. & L. Hoffheimer.)	1	Sedimentation and subsurface irrigation	
Warrenville (A. Hoffheimer.)	1	Sedimentation and subsurface irrigation	
Washington (Municipal.)	7	Sedimentation, contact beds and intermittent filtration	Shabacong creek.
Wayne (E. I. du Pont de Nemours & Co.)	3	Sedimentation, subsurface irrigation and chlorine disinfection	
Westfield (Municipal.)	5	Sedimentation and broad irrigation	Robinson's branch, Rahway river.
Westfield (Westfield Golf Club.)	1	Sedimentation and contact beds	Robinson's branch, Rahway river.
West Orange (L. F. Loree.)	4	Sedimentation and subsurface irrigation	
Wrightstown (Municipal.)	11	Sedimentation and intermittent filtration	Crosswick's creek.
Wrightstown (Camp Dix.)	6	Sedimentation, sprinkling filters and chlorine disinfection	Crosswick's creek.

TABLE NO. 5.—SEWAGE TREATMENT PLANTS INSTALLED FOR THE PROTECTION OF SHELLFISH AREAS.

LOCATION OF PLANT.	Number of Inspections.	Description of Plant.	Effluent Discharged Into—
Atlantic City (City Island.)	1	Sedimentation and disinfection...	Beach thorofare.
Atlantic City (McKinley Ave.)	3	Screening and disinfection	Beach thorofare.
Atlantic City (Raleigh Ave.)	3	Screening and disinfection	Inside thorofare.
Avalon (Municipal.)	1	Sedimentation	Townsend's inlet.
Bay Head (Municipal.)	3	Sedimentation and sprinkling filters	Barnegat bay.
Belcoville (Bethlehem Loading Co.)	5	Disinfection	South river.
Bridgeton (Glass St.) (Municipal.)	7	Sedimentation and disinfection...	Cohansey creek.
Bridgeton (Lincoln St.) (Municipal.)	7	Sedimentation and disinfection...	Cohansey creek.
Cliffwood (G. Biondi.)	1	Sedimentation and broad irrigation	.....
Dolphin (Atlantic County Institution.)	1	Sedimentation and disinfection...	Lake's bay.
Galloway Township (Sea View Golf Club.)	4	Sedimentation and disinfection...	Reed's bay.
Island Heights (Municipal.)	1	Screens and intermittent filtration	Brook to Toms river.
Keyport (Municipal.)	10	Sedimentation and disinfection...	Matawan creek.
Little Silver (2 plants) (Camp Vail.)	1	Sedimentation and disinfection...	Raritan bay.
Locust (J. Huber.)	1	Sedimentation and intermittent filtration	Shrewsbury river.
Locust Point (C. R. Welsh Est.)	1	Sedimentation and intermittent filtration	Shrewsbury river.
Longport (2 plants) (Municipal.)	2	Sedimentation and disinfection...	Risley's channel.
Margate City (2 plants) (Municipal.)	5	Sedimentation and disinfection...	Beach thorofare.
Matawan (Monmouth Seed Co.)	1	Sedimentation and intermittent filtration	Tributary to Matawan creek.
Millville (Municipal.)	21	Sedimentation, contact beds and disinfection	Maurice river.
Millville (Millville Manufacturing Co.)	1	Broad irrigation	Maurice river.
Northfield City (Atlantic County Institution.)	6	Sedimentation and disinfection...	Lake's bay.
Ocean City (Municipal.)	9	Sedimentation and disinfection...	Thorofare.
Oceanic (H. S. Borden.)	1	Sedimentation and intermittent filtration	Navesink river.
Oceanic (John G. Gillig.)	1	Sedimentation and intermittent filtration	Navesink river.
Oceanic (C. D. Godfrey.)	1	Sedimentation and intermittent filtration	Navesink river.
Oceanic (Alexander Gordon.)	1	Sedimentation and intermittent filtration	Navesink river.
Oceanic (J. G. G. Huptal.)	1	Sedimentation and intermittent filtration	Navesink river.
Oceanic (David McClure.)	1	Sedimentation and intermittent filtration	Navesink river.
Oceanic (John Wagner.)	1	Sedimentation and intermittent filtration	Navesink river.
Pleasantville (New Rodney Hotel.)	1	Sedimentation and contact beds..	Brook to Lake's bay.

TABLE NO. 5.—SEWAGE TREATMENT PLANTS INSTALLED FOR THE PROTECTION OF SHELLFISH AREAS—*Continued.*

LOCATION OF PLANT.	Number of Inspections.	Description of Plant.	Effluent Discharged Into—
Point Pleasant (Beacon Hotel.)	1	Sedimentation and intermittent filtration	Barnegat bay.
Red Bank (Municipal.)	10	Sedimentation and disinfection...	Navesink river.
Red Bank (Schwed Estate.)	1	Sedimentation and subsurface irrigation	Navesink river.
Rumson (Municipal.)	1	Sedimentation and disinfection...	Shrewsbury river.
Sayreville (California Loading Co.)	1	Sedimentation and subsurface irrigation	Raritan bay.
Sayreville Township (T. A. Gillespie Loading Co.)	2	Sedimentation	Raritan bay.
Sea Isle City (Municipal.)	6	Sedimentation and disinfection...	Ludlam's thorofare.
Sea Side Park (Municipal.)	1	Sedimentation and disinfection...	Barnegat bay.
Sewell's Point (Municipal.)	1	Sedimentation and disinfection...	Cold Spring inlet.
Smith's Landing (Atlantic County Institutions.)	1	Sedimentation and disinfection...	Lake's bay.
Stone Harbor (Municipal.)	1	Sedimentation and disinfection...	Great channel.
Ventnor (Municipal.)	3	Sedimentation and disinfection...	Inside thorofare.
Water Witch (Municipal.)	1	Sedimentation	Sandy Hook bay.
Wildwood (Municipal.)	4	Screening and disinfection	Post creek.
Wildwood Crest (Municipal.)	1	Sedimentation and disinfection...	Turtlegut inlet.

TABLE NO. 6.—SEWAGE TREATMENT PLANTS INSTALLED FOR THE PROTECTION OF BATHING BEACHES.

LOCATION OF PLANT.	Number of Inspections.	Description of Plant.	Effluent Discharged Into—
Allenhurst (Municipal.)	1	Sedimentation	Atlantic ocean.
Asbury Park (Municipal.)	3	Sedimentation	Atlantic ocean.
Avon (Municipal.)	1	Sedimentation	Atlantic ocean.
Beach Haven (Municipal.)	1	Sedimentation	Atlantic ocean.
Belmar (Municipal.)	1	Sedimentation	Atlantic ocean.
Bradley Beach (2 plants) (Municipal.)	1	Sedimentation	Atlantic ocean.
Cape May Point (Municipal.)	1	Broad irrigation	Delaware bay.
Deal Beach (Municipal.)	1	Sedimentation	Atlantic ocean.
Interlaken (Municipal.)	1	Sedimentation	Loch Arbor sewer.
Loch Arbor (Municipal.)	1	Sedimentation	Atlantic ocean.
Long Branch (Municipal.)	5	Sedimentation and screening	Atlantic ocean.
Manasquan (Municipal.)	1	Sedimentation	Atlantic ocean.
Neptune Township (Municipal.)	1	Sedimentation	Atlantic ocean.
Ocean Grove (2 plants) (Municipal.)	1	Sedimentation	Atlantic ocean.
Point Pleasant (Municipal.)	1	Sedimentation	Atlantic ocean.
Sea Girt (Municipal.)	1	Sedimentation	Atlantic ocean.
Sea Girt (State Camp.)	1	Sedimentation	Atlantic ocean.
Spring Lake (3 plants) (Municipal.)	1	Sedimentation	Atlantic ocean.

TABLE NO. 7.—SEWAGE TREATMENT PLANTS INSTALLED FOR THE PROTECTION OF NUISANCES.

LOCATION OF PLANT.	Number of Inspections.	Description of Plant.	Effluent Discharged Into—
Allwood (Brighton Mills.)	1	Sedimentation and subsurface irrigation	.....
Ancora (Camden County Institutions.)	1	Sedimentation and subsurface irrigation	.....
Asbury Park (Ross Fenton Farm.)	1	Sedimentation and subsurface irrigation	Deal lake.
Asyla (Camden County Institutions.)	3	Sedimentation and sprinkling filters	Timber creek.
Audubon (Municipal.)	4	Sedimentation and sprinkling filters	Delaware river.
Babbit (B. T. Babbit Co.)	2	Sedimentation	Cromakill creek.
Belle Meade (Farmers Exchange Creamery.)	7	Sedimentation and lime treatment.	Tributary to Millstone river.
Beverly (Municipal.)	2	Sedimentation	Delaware river.
Bogota (Municipal.)	3	Sedimentation	Hackensack river.
Bordentown (Industrial School.)	1	Sedimentation	Delaware river.
Burlington (Municipal.)	4	Sedimentation and broad irrigation	Delaware river.
Butler (trade wastes) (Pequanoc Rubber Co.)	17	Sedimentation	Pequannock river.
Butler (trade wastes) (Pequannock Valley Paper Co.)	3	Sedimentation	Pequannock river.
Camden (Yorkshire Village.)	3	Sedimentation	Delaware river.
Cape May Court House (County buildings.)	1	Sedimentation and subsurface irrigation	.....
Carlton Hill (E. Rutherford) (Municipal.)	1	Sedimentation	Hackensack river.
Carlstadt (Municipal.)	1	Sedimentation	Berry's creek.
Cliffside Park (Municipal.)	1	Sedimentation	Hudson river.
Collingswood (Municipal.)	7	Sedimentation and contact beds.	Newton creek.
Colonia (U. S. Base Hospital.)	2	Sedimentation and sprinkling filters	Branch of Rahway river.
Deal Golf Club (Deal Golf Club.)	1	Sedimentation and intermittent filtration	Deal lake.
Delawanna (Paper Mills.)	1	Screening and sedimentation	Second river.
Delford (Municipal.)	2	Sedimentation	Hackensack river.
E. Rutherford (Union Hill) (Municipal.)	2	Sedimentation	Berry's creek.
Englewood (Municipal.)	2	Sedimentation	Overpeck creek.
Fairview (Municipal.)	3	Sedimentation and contact beds.	Hackensack river.
Franklin Township (Pillar of Fire.)	2	Sedimentation	Raritan river.
Freehold (Municipal.)	3	Sedimentation and broad irrigation	Tributary to Manasquan river.
Gibbsboro (3 plants) (J. Lucas Co.)	5	Sedimentation and subsurface filtration	.....
Gibbstown (Municipal.)	1	Sedimentation	.....

TABLE NO. 7.—SEWAGE TREATMENT PLANTS INSTALLED FOR THE PROTECTION OF NUISANCES—*Continued.*

LOCATION OF PLANT.	Number of Inspections.	Description of Plant.	Effluent Discharged Into—
Grenloch (Bateman Mfg. Co.)	4	Sedimentation and intermittent filtration	Timber creek.
Haddonfield (Municipal.)	9	Sedimentation, sprinkling filters and intermittent filtration	Cooper's creek.
Haddon Heights (Municipal.)	8	Sedimentation and intermittent filtration	Newton creek.
Hammonton (Municipal.)	8	Sedimentation and sprinkling filters	Hammonton creek.
Haskell (trade wastes) (E. I. du Pont de Nemours & Co.)	3	Sedimentation and lime treatment.	Ramapo river
Hightstown (Municipal.)	3	Sedimentation and intermittent filtration	Millstone river.
Hohokus (V. Preston.)	1	Sedimentation and intermittent filtration	Saddle river.
Hopewell (St. Michael's Home.)	3	Sedimentation and intermittent filtration	Beden's brook.
Jamesburg (State Home for Boys.)	6	Sedimentation and intermittent filtration	Matcheponix brook.
Kearny (9 tanks) (Federal Shipbuilding Corporation.)	1	Sedimentation	Newark bay.
Kenilworth (American Circular Loom Co.)	1	Lime treatment and sedimentation	Morse's creek.
Kingston (Rockefeller Institute.)	1	Sedimentation and intermittent filtration	Millstone river.
Kingston (St. Joseph School.)	1	Sedimentation and sprinkling filters	Carnegie lake.
Lakehurst (Municipal.)	1	Sedimentation and intermittent filtration	Union branch.
Lakehurst (Government Proving Grounds.)	1	Sedimentation and disinfection...	Union branch.
Lakewood (Municipal.)	4	Screening and intermittent filtration	Metedeconk river.
Lawrenceville (Preparatory School.)	1	Sedimentation and broad irrigation	Shipetankin creek.
Lawrenceville (Soldiers' & Sailors' Home.)	2	Sedimentation and subsurface irrigation	.....
Leonia (Municipal.)	3	Sedimentation	Overpeck creek.
Little Falls (Municipal.)	4	Sedimentation and intermittent filtration	Passaic river.
Lodi (Municipal.)	1	Sedimentation	Saddle river.
Maywood (Municipal.)	2	Sedimentation	Saddle river.
Merchantville (Municipal.)	4	Sedimentation and contact beds and intermittent filtration	Cooper's creek.
Metuchen (Camp Raritan.)	1	Sedimentation	Raritan river.
Metuchen (Woodbrook Farms.)	2	Sedimentation and intermittent filtration	Tributary to Raritan river.
Moorestown (Municipal.)	5	Sedimentation and sprinkling filters	Pensauken creek.
Mullica Hill (Municipal.)	1	Sedimentation and subsurface irrigation	.....
Mullica Hill (J. A. Ballinger.)	1	Sedimentation	.....
New Milford (Camp Merritt.)	2	Sedimentation and disinfection...	Hackensack river.
Oaklyn (Municipal.)	7	Sedimentation, sprinkling filters and disinfection	Peter's creek.

TABLE NO. 7.—SEWAGE TREATMENT PLANTS INSTALLED FOR THE PROTECTION OF NUISANCES—*Continued.*

LOCATION OF PLANT.	Number of Inspections.	Description of Plant.	Effluent Discharged Into—
Oradell (Isolation Hospital.)	1	Sedimentation and subsurface irrigation	.....
Overbrook (Insane Asylum.)	13	Sedimentation, contact beds and intermittent filtration	Peckman's brook.
Palisades Park (Municipal.)	1	Sedimentation	Hudson river.
Paulsboro (Standard Metal Products Co.)	3	Sedimentation and intermittent filtration	Mantua creek.
Picton (American Felt Co.)	1	Sedimentation and intermittent filtration	Rahway river.
Pitman (East) (Municipal.)	8	Sedimentation and sprinkling filters	Chestnut creek.
Pitman (West) (Municipal.)	8	Sedimentation and sprinkling filters	Mantua creek.
Plainfield (Municipal.)	14	Screens, sedimentation and sprinkling filters	Green brook.
Princeton (Northeast) (Municipal.)	3	Broad irrigation	Brook to Carnegie lake.
Princeton (Northwest) (Municipal.)	3	Sedimentation and intermittent filtration	.....
Princeton University (University.)	3	Sedimentation and sprinkling filters	Carnegie lake.
Quarryville (Creamery.)	1	Sedimentation and lime treatment.	Ditch to Wallkill river.
Rahway (State Reformatory.)	1	Sedimentation and disinfection...	Rahway river.
Ridgefield Park (L. A. Eucker.)	2	Sedimentation	Hackensack river.
Ridgewood (Municipal.)	4	Sedimentation and contact beds..	Hohokus creek.
Ridgewood (Home of Divine Providence.)	1	Sedimentation and intermittent filtration	Hohokus creek.
River Edge (Municipal.)	4	Sedimentation	Hackensack river.
Riverside (Municipal.)	3	Sedimentation and contact beds..	Ditch to Delaware river.
Scotch Plains (Bonnie Burn Sanatorium.)	3	Sedimentation, contact beds and subsurface irrigation	.....
Secaucus (Municipal.)	1	Sedimentation	Hackensack river.
Secaucus (H. Borne Estate.)	1	Sedimentation	Hackensack river.
Sharptown (Creamery.)	2	Sedimentation and lime	Salem creek.
Skillman (State Village for Epileptics.)	5	Sedimentation, contact beds and intermittent filtration	Beden's brook.
Smithville (H. B. Smith Machine Co.)	1	Sedimentation and subsurface irrigation	.....
South Bound Brook (Municipal.)	1	Sedimentation	Raritan river.
South Plainfield (Spicer Mfg. Co.)	3	Sedimentation and intermittent filtration	Dismal brook.
Sussex (Creamery.)	1	Sedimentation	Tributary to Wallkill river.
Trenton (domestic) (Agasote Millboard Co.)	6	Sedimentation	Delaware river.
Trenton (trade waste) (Agasote Millboard Co.)	6	Sedimentation	Delaware river.

TABLE NO. 7.—SEWAGE TREATMENT PLANTS INSTALLED FOR THE PROTECTION OF NUISANCES—*Continued.*

LOCATION OF PLANT.	Number of Inspections.	Description of Plant.	Effluent Discharged Into—
Trenton (P. R. R. Shops.)	1	Sedimentation	Assanpink creek.
Tuckerton (Wireless Station.)	1	Sedimentation and subsurface irrigation	
Verona (Municipal.)	9	Sedimentation, contact beds and intermittent filtration	
Verona (Eagle Rock Mfg. Co.)	3	Sedimentation and subsurface irrigation	Peckman's brook.
Wenonah (Nassau Ave.) (Municipal.)	5	Sedimentation and intermittent filtration	Peckman's brook.
Wenonah (Princeton Ave.) (Municipal.)	5	Sedimentation and intermittent filtration	Mantua creek.
West Englewood (R. F. Davidson.)	2	Sedimentation and intermittent filtration	Mantua creek.
West Englewood (Homes Co.)	4	Sedimentation and intermittent filtration	Hackensack river.
Woodbridge (4 plants) (Municipal.)	1	Sedimentation	Hackensack river.
Woodbury (Municipal.)	3	Sedimentation, tidal discharge	Woodbridge creek.
Woodstown (Municipal.)	1	Sedimentation and intermittent filtration	Woodbury creek.
Woodstown (Creamery.)	2	Sedimentation and sprinkling filters	Salem creek.
Woodstown (Roberts Canning Co.)	4	Sedimentation and intermittent filtration	Small brook.
			Salem creek.

Sewage Treatment Plants at Army Camps—The sewage treatment plants installed in the various army camps in the state have not given satisfactory service. This was due to one or more of four factors: poor design, poor construction, inefficient operation or overloading. The last factor was the most important in producing these results, as in several instances the plants were overloaded to much more than twice their rated capacity, due not only to the enlargement of the camps but also to the fact that the theoretical water consumption from which the sewage flows were calculated for the design was exceeded in practice by as high as 100 per cent. Officers and men unskilled in the operation of sewage treatment plants were placed in charge. Plants were designed and built with no provision for sludge removal or disposal, so that when the tanks were clogged with sludge, the operator either dumped the sludge into the stream, which the plant was supposed to protect, or by-passed the raw sewage around the tanks. Later, after some delay and discussion, some of these plants were improved by much needed enlargements and additions, and it is hoped that these improvements will result in the production of satisfactory effluents.

Industrial Wastes—The number of inspections required by the pollution of streams from industrial wastes are increasing yearly. Throughout the state the practice at most manufacturing plants is to discharge untreated wastes into a convenient stream, regardless of whether or not it impairs the value of the water. The result in nearly every instance is the creation of a nuisance, and sometimes of conditions believed to be detrimental to the public health. To encourage experimental investigations in the treatment of industrial wastes, the Laboratory of Hygiene and this Bureau have co-operated with manufacturers by making chemical analyses and bacteriological examinations of both raw and treated wastes, the samples being collected at the experimental plants installed by the interested companies.

The growing importance of the trade waste disposal problem warrants the appropriation of a special fund for research work in this field.

The Examination and Licensing of Superintendents and Operators in Charge of Water and Sewage Treatment Plants—Many of the sewage treatment plants in New Jersey are not functioning properly, and most of these plants have deteriorated as a result of unskillful and careless operation, which has already imposed upon some of the owners of the works expenditure of funds for repairs and replacements which would not have been necessary were the plants properly supervised.

Stream pollution throughout the state is increasing steadily, so that water treatment plants which were delivering a satisfactory water for potable purposes in the past may be delivering a dangerous water in the near future, due to this increased pollution. This additional burden placed upon these plants necessitates more careful supervision.

In order that the interested parties may secure the results for which the works were designed and the moneys invested, the following act was passed by the Legislature of 1918:

CHAPTER 23, LAWS OF 1918.

An Act to provide for the examination and licensing of superintendents and operators in charge of water purification or treatment plants and sewage treatment plants under the direction of the Department of Health of the State of New Jersey.

BE IT ENACTED *by the Senate and General Assembly of the State of New Jersey:*

Examination of operators.

1. In order that municipalities, corporations or individuals owning or operating water purification or sewage disposal plants may secure the services of capable superintendents or operators, the Department of Health of the State of New Jersey is hereby authorized to cause examinations to be made, by such persons and at such times and places as it may appoint and under such rules and regulations as it may adopt, for the purpose of determining the qualifications of applicants for licenses as superintendents or operators in charge of any water purification or treatment plants purifying or treating water used for potable purposes by this State or of any sewage treatment plants discharging an effluent into any of the waters of this State. Every such examination shall be in such subjects and conducted in such a manner as the Department of Health of the State of New Jersey shall direct, and every applicant whose examination shall be approved by said department shall receive a license as superintendent or operator of public water treatment plants or public sewage treatment plants, as the case may be.

License.

Operator must be licensed.

2. No municipality, corporation or individual shall appoint any person as superintendent or operator in charge of any water purification or treatment plant purifying or treating water used for potable purposes by inhabitants of this State or of any sewage treatment plant discharging an effluent into any of the waters of this State, or permit any person to discharge the duties of superintendent or operator in charge of such plant who is not the holder of a license issued by the Department of Health of the State of New Jersey under the provisions of this act; *provided, however,* that nothing herein contained shall prevent any municipality, corporation or individual from continuing in office any person now occupying the office of superintendent or operator in charge of any water purification or treatment plant or any sewage treatment plant, and the Department of Health of the State of New Jersey, upon

Proviso.

Continuance of present operators.

certification from the proper municipal officer, corporation or individual, that such person held the office of superintendent or operator in charge of such water purification or sewage treatment plant at the time this act became effective, shall issue a license to said person in the same manner as if he had passed an examination held by the aforesaid department.

Revocation of license.

3. The Department of Health of the State of New Jersey may revoke the license of any superintendent or operator in charge of any water treatment or sewage treatment plant if, after a hearing held by said department at which said superintendent or operator shall have had an opportunity to be heard, either in person or by counsel, said department shall determine that the said superintendent or operator in charge is incompetent to manage said plant, or that he has wilfully neglected his duty in supervising the operation of said plant, or that he has disregarded or disobeyed the lawful orders, rules or regulations of said department.

Penalty for violation.

4. Any person who shall violate any of the provisions of this act shall be liable to a penalty of ten dollars for each day on which such violation has occurred. All penalties prescribed by this section shall be recovered in an action of debt by and in the name of the Department of Health of the State of New Jersey as plaintiff.

Penalties paid into treasury.

5. All penalties collected under the provisions of this act shall be paid into the treasury of the State of New Jersey.

Restraining violations by injunction.

6. Whenever any municipality, corporation or individual shall violate any of the provisions of this act, it shall be lawful for the Department of Health of the State of New Jersey, either before or after the institution of proceedings for the collection of the penalty imposed by this act for such violation, to file a bill in the Court of Chancery, in the name of the State, at the relation of such department, for an injunction to restrain such violation and for such other or further relief in the premises as the Court of Chancery shall deem proper, but the filing of such bill, or any of the proceedings thereon, shall not relieve any party to such proceedings from the penalty or penalties prescribed by this act for such violation.

7. All acts and parts of acts inconsistent with the provisions of this act are hereby repealed.

Repealer.

8. This act shall take effect immediately.

Approved February 9, 1918.

Report of the State Laboratory of Hygiene.

R. B. FITZ-RANDOLPH, CHIEF.

The following report deals with the work of the Laboratory of Hygiene for the period beginning November 1st, 1917, and ending June 30th, 1919. The work of the laboratory falls in three classes: the examination of specimens from suspected cases of communicable diseases, the analysis of samples of food and drugs for the purpose of determining whether or not the food and drugs act is being violated, and the analysis of samples of water and sewage.

Bacteriological Laboratory—Detailed descriptions have been given in previous reports of the work done in this branch of the laboratory and therefore but brief mention is made of it here. The tables which follow show the kind of examinations made, and it will be seen from the table of miscellaneous examinations that the work is quite varied, including the examination of specimens from practically all bacterial infections encountered in this climate which relate in any way to the public health.

Outfits for the collection of these specimens are obtainable at numerous repositories located in different cities and towns throughout the state, except outfits for the collection of specimens for special examinations, which are supplied to physicians on request direct from the laboratory.

The laboratory is frequently blamed by physicians for delays in reporting the results of examinations of specimens when these delays are due to causes over which we have no control. Every effort is made to examine and report upon all specimens in the shortest time consistent with accurate work. Some varieties of specimens require a longer time than others to examine, which fact is not always appreciated by physicians.

The principal cause of delay is in the transmission of specimens to the laboratory through the mails. This is usually due to one of two causes; delays in mailing specimens or delays in delivery by the postal authorities. Because of ignorance on the part of postmasters, many specimens are improperly forwarded with parcels post matter. The Postal Regulations require that specimens for bacteriological examination must be pouched with letter mail although they may be mailed at parcel post rates. A statement to this effect is plainly printed on the outer wrapper of each mailing case supplied by the

laboratory but is frequently ignored by postmasters, especially those in the smaller towns. If these regulations were called to the attention of postmasters by physicians at the time of mailing specimens, much unnecessary delay would be avoided.

Physicians frequently entrust the mailing of specimens to other persons who neglect to mail them promptly. Cases have occurred in which the doctor has telephoned the laboratory for a report on a specimen, only to find that it has not yet been received, and upon investigation, has found that it has not been mailed by the person to whom he gave it.

During the period covered by this report a considerable number of specimens were received bearing no marks to show by whom they were sent. In many cases even the postmark is undecipherable. It is, of course, impossible to report upon such specimens although they are invariably examined in the hope that the information will be supplied later.

It is important that specimens be prepared in accordance with the directions accompanying the mailing cases provided by the laboratory. This insures an early report and frequently avoids the necessity of collecting another specimen.

Attention is called to the fact that Wasserman tests are made only on Wednesday and Thursday of each week. It is very desirable that physicians collect their specimens early enough to enable them to reach the laboratory not later than Wednesday night. If this is not done it is necessary to hold them until the following Wednesday.

Many physicians do not yet understand that these specimens are not examined every day and complain about what seems to them to be an unnecessary delay in making reports. Under present conditions it is not possible to make these examinations more frequently. This cannot be done until the laboratory staff is increased and less crowded quarters are available.

It is most important that specimens of blood for Wasserman tests be collected exactly as directed on the slip accompanying the outfit. Unless this is done, unsatisfactory results can hardly be avoided.

The following table shows the number of specimens which have been examined in the laboratory each year since it was established, It also shows how rapidly the number of Wasserman tests has increased. With the extension of the work of the Bureau of Venereal Disease Control, this increase should be much greater during the coming year.

Table showing the work done each year since the laboratory was organized.

	1896 and 1897	1898	1899	1900	1901	1902	1903
Diphtheria	627	600	577	974	1,864	1,847	2,000
Tuberculosis	253	516	766	892	1,211	1,467	1,853
Typhoid fever	27	175	339	431	739	884	1,333
Malaria	.....	4	*	53	113	196	151
Miscellaneous	7	18	*	30	28	55	132
Totals	914	1,313	1,682	2,380	3,955	4,080	5,559

	1904	1905	1906	1907	1908	1909
Diphtheria	2,949	2,836	3,277	3,348	6,090	14,688
Tuberculosis	2,344	2,691	2,948	2,402	3,637	4,208
Typhoid fever	1,272	1,263	1,556	1,975	2,543	2,261
Malaria	98	109	126	149	178	197
Miscellaneous	67	84	126	119	170	240
Totals	6,730	7,048	8,033	8,993	12,618	21,594

	1910	1911	1912	1913	1914	1915
Diphtheria	8,234	4,529	4,856	7,083	10,802	25,297
Tuberculosis	4,520	4,938	5,427	6,136	6,589	6,346
Typhoid fever	3,028	3,342	3,899	3,582	3,205	4,426
Malaria	244	320	355	403	399	411
Miscellaneous	398	589	796	1,138	1,277	1,566
Totals	16,424	13,718	15,313	18,342	22,272	38,048

	1916	1917	1918 8 mos.	1919
Diphtheria	13,292	13,935	5,517	8,524
Tuberculosis	6,225	5,916	4,290	5,612
Typhoid fever	3,366	5,023	1,284	2,256
Malaria	460	351	197	303
Gonorrhœa	1,132	1,117	587	1,140
Syphilis	.....	1,822	2,418	4,276
Miscellaneous	511	549	374	804
Totals	24,986	28,713	14,667	22,915

*The number of these specimens has not been recorded.

The following table gives a summary by months of the specimens examined from November 1st, 1917, to June 30th, 1918, inclusive:

MONTH.	*DIPHTHERIA.						TUBERCULOSIS.					
	Primary.			Secondary.			Primary.			Secondary.		
	P[1]	N[2]	U[3]	P	N	U	P	N	U	P	N	U
November	110	443	11	136	391	10	107	267	5	14	41	1
December	108	319	12	133	297	10	79	245	5	9	41	.....
January	71	333	11	88	273	5	87	318	5	15	41	.....
February	52	164	6	45	131	8	80	356	5	13	61	.....
March	66	277	7	64	148	10	123	466	3	16	56	.....
April	64	276	6	87	217	8	142	465	6	19	54	.....
May	56	349	9	58	202	4	115	439	6	11	58	1
June	40	164	7	78	146	7	111	325	5	23	51	.....
Total	567	2325	69	689	1805	62	844	2881	40	120	403	2

MONTH.	TYPHOID FEVER.						MALARIA.					
	Primary.			Secondary.			Primary.			Secondary.		
	P	N	U	P	N	U	P	N	U	P	N	U
November	37	173	15	12	22	5	.....	14	.....	.....	1	1
December	30	106	13	8	9	1	.....	7	1	.....	1	.....
January	21	104	7	3	12	.....	1	8	1	.....	.....	.....
February	16	86	2	4	5	.....	1	10	.....	.....	.....	.....
March	15	102	10	3	10	2	.....	34	3	.....	3	.....
April	15	101	6	1	10	.....	1	32	1	.....	.....	.....
May	18	115	3	5	16	1	1	24	2	.....	2	.....
June	22	112	4	4	16	2	1	42	5	.....	.....	.....
Total	174	899	60	40	100	11	5	171	13	.....	7	1

MONTH.	GONORRHŒA.						MISCELLANEOUS.					
	Primary.			Secondary.			Primary.			Secondary.		
	P	N	U	P	N	U	P	N	U	P	N	U
November	25	32	7	7	12	.....	15	57	.....	2	3	.....
December	10	29	9	4	5	2	13	28	6	2	4	.....
January	13	29	14	4	12	2	10	6	1	3	2	.....
February	13	28	6	1	14	2	14	18	2	2	3	1
March	18	29	8	1	9	2	20	27	1	4	10	.....
April	27	26	7	.....	4	1	20	17	.....	2	6	.....
May	21	42	10	4	16	1	17	16	3	6	2	.....
June	20	36	10	4	9	2	12	13	4	1	1	.....
Total	147	251	71	25	81	12	121	182	17	22	31	1

*During this period 10 tests were made for the virulence of the diphtheria bacillus.
(1) P = Positive.
(2) N = Negative.
(3) U = Unsatisfactory.

MONTH.	COMPLEMENT FIXATION FOR SYPHILIS.														
	Primary.							Secondary.							
	4+	3+	2+	+	±	−	U	4+	3+	2+	+	±	−	U	Total.
November	47	....	3	5	4	181	10	7	....	2	2	....	15	1	2253
December	31	1	5	3	1	124	16	6	....	2	....	1	9	....	1745
January	35	2	3	4	1	140	9	8	....	1	....	....	15	3	1721
February	24	1	2	1	2	110	6	10	....	....	2	....	28	....	1335
March	64	3	4	2	2	193	5	7	....	1	....	1	19	....	1848
April	52	1	1	1	4	231	12	10	....	1	....	1	10	....	1945
May	73	3	6	4	5	321	17	16	1	....	3	1	26	....	2109
June	54	1	6	8	3	317	7	12	....	....	2	1	22	1	1711
Total	380	12	30	28	22	1617	82	76	1	7	9	5	144	5	14667

The following table gives a summary by months of the specimens examined from July 1st, 1918, to June 30th, 1919, inclusive:

MONTH.	*DIPHTHERIA.						TUBERCULOSIS.					
	Primary.			Secondary.			Primary.			Secondary.		
	P	N	U	P	N	U	P	N	U	P	N	U
July	41	163	5	68	149	3	114	323	5	19	50	.....
August	20	123	11	26	110	8	114	233	4	14	44	1
September	35	126	7	36	95	5	96	236	5	14	45	.....
October	40	204	12	31	158	6	44	200	5	7	23	.....
November	52	149	4	68	114	3	87	288	1	10	33	.....
December	107	1619	40	92	228	20	79	261	1	13	45	3
January	74	318	45	105	292	14	91	345	4	14	45	1
February	55	325	7	89	144	6	94	314	8	16	45	.....
March	52	535	10	96	291	4	99	359	5	23	47	.....
April	56	287	10	138	326	4	124	377	3	19	56	.....
May	52	423	8	72	193	2	111	374	2	22	52	1
June	55	248	20	53	133	4	113	357	2	19	53	.....
Total	639	4520	179	874	2233	79	1165	3668	45	190	538	6

MONTH.	TYPHOID FEVER.						MALARIA.					
	Primary.			Secondary.			Primary.			Secondary.		
	P	N	U	P	N	U	P	N	U	P	N	U
July	38	295	19	7	19	3	1	29	2	.....	1	.....
August	63	284	16	24	198	15	.....	47	3	.....	3	.....
September	82	170	16	13	12	5	2	23	.....	.....	2	.....
October	20	119	5	2	4	1	.....	6	1	.....	.....	.....
November	21	49	2	10	9	4	.....	6	1	.....	.....	.....
December	30	68	2	8	10	2	1	16	1	.....	1	.....
January	14	74	4	4	4	1	.....	16	2	.....	.....	.....
February	11	62	3	3	3	3	.....	15	1	.....	2	.....
March	5	77	3	1	5	.....	1	18	3	.....	.....	1
April	11	92	3	2	4	1	.....	19	3	.....	3	.....
May	10	94	8	2	7	.....	3	27	.....	.....	.....	.....
June	17	111	6	6	9	1	6	36	1	.....	.....	.....
Total	322	1445	87	82	284	36	14	258	18	.....	12	1

*During the year 28 tests were made for the virulence of the diphtheria bacillus.

MONTH.	GONORRHŒA.						MISCELLANEOUS.					
	Primary.			Secondary.			Primary.			Secondary.		
	P	N	U	P	N	U	P	N	U	P	N	U
July	35	36	10	2	10	1	10	23	3	4	2	.....
August	32	49	14	3	4	2	11	79	1	11	22	1
September	31	41	8	4	9	.....	24	32	10	5	22	2
October	12	22	8	1	2	.....	137	26	14	13	3	.....
November	12	26	9	1	1	2	28	14	2	10	6	1
December	29	37	9	4	10	2	16	14	.....	5	3	.....
January	23	49	7	2	14	.....	10	21	2	2	1	.....
February	25	41	6	2	4	.....	15	18	.....	4	5	1
March	31	43	10	1	8	2	11	24	.....	3	6	.....
April	36	59	14	2	8	.....	20	22	.....	3	3	.....
May	30	68	14	3	11	3	12	16	3	3	1	.....
June	48	73	13	3	8	1	16	19	2	3	2	.....
Total	344	544	122	28	89	13	310	308	37	66	78	5

MONTH.	COMPLEMENT FIXATION FOR SYPHILIS.													
	Primary.							Secondary.						
	4+	3+	2+	+	±	−	U	4+	3+	2+	+	±	−	U	Total.
July	74	2	11	7	.....	232	11	14	.....	2	4	.....	23	2	1872
August	41	1	4	7	1	143	24	8	1	3	.....	1	20	.....	1794
September	44	.....	4	.....	2	118	3	8	.....	.....	.....	2	25	.....	1419
October	20	1	2	1	1	72	1	9	1	6	.....	.....	22	.....	1264
November	45	.....	.....	1	2	121	7	4	1	.....	1	1	39	1	1246
December	35	.....	8	2	2	99	5	18	.....	3	4	2	31	.....	2985
January	60	3	9	4	2	230	6	14	1	5	.....	.....	47	1	1980
February	61	3	.....	.....	2	207	7	10	.....	2	1	.....	34	.....	1654
March	68	6	4	2	2	318	10	21	6	11	4	1	54	3	2284
April	78	1	15	2	5	270	9	33	1	5	1	2	41	1	2169
May	106	4	16	3	1	342	24	40	5	15	7	.....	47	4	2241
June	82	7	11	3	8	334	40	24	3	5	3	9	37	3	2007
Total	714	28	84	32	28	2486	147	203	19	57	25	18	420	15	22915

The following table shows the number and various kinds of miscellaneous specimens examined in the laboratory from November 1st, 1917, to June 30th, 1918, inclusive:

Specimen For	*Positive.*	*Negative.*	*Unsatisfactory.*
Rabies	27	17	3
Anthrax (animals)		1	
B. tuberculosis (spinal fluid)		2	
B. tuberculosis (urine)	1	18	1
B. tuberculosis (various other lesions)	2	11	1
B. typhosus (faeces)	8	80	2
B. typhosus (urine)		12	
B. para-typhosus (agglutination test)	2	4	4
B. para-typhosus (faeces)		1	
B. para-typhosus (urine)		1	
Bacterial infection (blood)		8	
Bacterial infection (faeces)		9	
Bacterial infection (pleural fluid and spinal fluid)	7	1	1
Bacterial infection (pus)	73	7	4
Bacterial infection (sputum)	7		
Bacterial infection (urine)	1	2	
Bacterial infection (various other kinds)	2	4	
Diphtheretic infection (vagina)			1
Gonococcus infection (eye)	2	8	
Gonococcus infection (urine)	7	13	1
Pneumonia	3	5	
Treponema pallida		8	
Miscellaneous	1	1	
Totals	143	213	18

The following table shows the number and various kinds of miscellaneous specimens examined in the laboratory from July 1st, 1918, to June 30th, 1919, inclusive:

Specimen For	*Positive.*	*Negative*	*Unsatisfactory.*
Rabies	18	23	5
Anthrax (human)	1		
Anthrax (animals)	1	1	
B. tuberculosis (spinal fluid)	3	8	
B. tuberculosis (urine)	4	16	
B. tuberculosis (various other lesions)	1	12	2
B. typhosus (blood)		1	
B. typhosus (faeces)	8	170	7
B typhosus (urine)		3	
B. para-typhosus		20	
Bacterial infection (blood)	3	51	4
Bacterial infection (faeces)	1	8	
Bacterial infection (pleural fluid and spinal fluid)	12	11	
Bacterial infection (pus)	280	16	16
Bacterial infection (sputum)	13	2	
Bacterial infection (urine)	17	1	
Bacterial infection (various other kinds)	2	1	1
Gonococcus infection (eye)	6	9	4
Gonococcus infection (urine)	4	7	3
Pneumonia	2	8	
Treponema pallida		10	
Vincent's Angina		2	
Miscellaneous		6	
Totals	376	386	42

The following table shows the number and species of animals examined for rabies from November 1st, 1917, to June 30th, 1918, inclusive:

Dogs—Positive, 26; negative, 17; unsatisfactory, 3.
Cats—Positive, 1.

The following table shows the number and species of animals examined for rabies from July 1st, 1918, to June 30th, 1919, inclusive:

Dogs—Positive, 17; negative, 22; unsatisfactory, 4.
Cats—Negative, 1.
Cows—Positive, 1; unsatisfactory, 1.

Following are the towns arranged by counties, from which animals found to be rabid were received from November 1st, 1917, to June 30th, 1918, inclusive:

ATLANTIC COUNTY—Atlantic City, 1; Northfield, 1.
BERGEN COUNTY—Garfield, 1; Ramsey, 1.
BURLINGTON COUNTY—Beverly, 1; Burlington, 1.
CAMDEN COUNTY—Camden, 1.
CUMBERLAND COUNTY—Bridgeton, 2; Millville, 2; Vineland, 4.
ESSEX COUNTY—Irvington, 3; West Orange, 1.
PASSAIC COUNTY—Clifton, 1; Passaic, 1; Paterson, 1.
SUSSEX COUNTY—Vernon, 1
UNION COUNTY—Elizabeth, 3; Rahway, 1.

Following are the towns arranged by counties, from which animals found to be rabid were received from July 1st, 1918, to June 30th, 1919, inclusive:

ATLANTIC COUNTY—Atlantic City, 3; Mays Landing, 2.
BERGEN COUNTY—Englewood, 1; Hackensack, 2; Westwood, 1.
BURLINGTON COUNTY—Burlington, 1.
CAPE MAY COUNTY—Ocean City, 1; Woodbine, 1.
GLOUCESTER COUNTY—Aura, 1; Glassboro, 1; Mullica Hill, 1; Paulsboro, 1.
PASSAIC COUNTY—Clifton, 1.
UNION COUNTY—Elizabeth, 1.

The following table shows the number of outfits supplied to repositories maintained throughout the state and to physicians who are not conveniently located near repositories, from November 1st, 1917, to June 30th, 1918, inclusive:

Diphtheria—Regular outfits	6,115	
Serum tubes and swabs	683	
Extra swabs	750	
Total		7,548
Tuberculosis outfits		5,887
Typhoid fever outfits		1,642
Malaria outfits		643
Gonorrhoea outfits		1,045
Syphilis outfits		2,746
Faeces and urine outfits		94
Silver nitrate outfits		402
Total		20,007

The following table shows the number of outfits supplied to repositories maintained throughout the state and to physicians who are not conveniently located near repositories, from July 1st, 1918, to June 30th, 1919, inclusive:

Diphtheria—Regular outfits	8,196	
Serum tubes and swabs	2,664	
Extra swabs	3,459	
Total		14,319
Tuberculosis outfits		8,332
Typhoid fever outfits		3,238
Malaria outfits		913
Gonorrhoea outfits		2,206
Syphilis outfits		5,604
Faeces and urine outfits		226
Silver nitrate outfits		620
Total		35,458

Chemical Division—All chemical work with which the Department may have occasion to deal is handled by this Division. Such work includes the analyses of food and drug samples submitted by the Bureau of Food and Drugs, and the examination of water, sewage and trade wastes collected by the Bureau of Engineering, together with certain other miscellaneous samples requiring special analyses or research.

During the war period considerable time was spent in the examination of various food substitutes, at the request of the State Food Administrator, together with the analyses of other products to which deleterious substances were alleged to have been added. In one sample of oat meal arsenic was found in appreciable quantities, and in one specimen of chocolate, Paris green was detected. In these two cases the information obtained was referred to the Department of Justice for investigation. In addition to making the examinations above mentioned, investigations are conducted of various chemical manufacturing plants to determine if these plants emit into the air odors and fumes in sufficient quantities to produce nuisances deleterious to the public health.

During the past twenty months the work of compiling the routine analytical methods in use in the laboratory has been begun, it being the aim to obtain a comprehensive set of working methods, and thus to secure greater uniformity in the analytical procedure of the laboratory working force.

The laboratory work relating to the examination of trade wastes has indicated more clearly than ever before the necessity of more careful study and more detailed work in relation to these wastes. While much of the investigation looking toward the solution of the disposal of factory wastes is an engineering problem, in many cases complex chemical difficulties present themselves. The laboratory can be of little use toward solving these problems if its work is to

be confined solely to the examination of miscellaneous trade wastes submitted from time to time by the Bureau of Engineering, and upon which a limited number of routine analytical determinations are made.

The following table shows the number and character of the samples examined:

FOODS.

CHARACTER OF SAMPLE.

Milk and cream, chemical analyses	4,425
Milk, bacteriological examination	440
Ice Cream	17
Baking products	23
Butter and Oleomargarine	122
Condiments	9
Edible oils	110
Flavoring extracts	25
Honey and jelly	5
Lard	48
Meats	61
Non-alcoholic beverages	297
Syrups and sugar	44
Tomato products	134
Wine and vinegar	7
Other foods	47
Totals	5,823

DRUGS AND TOILET PREPARATIONS.

U. S. P. and N. F. preparations	104
Proprietary medicines	30
Hair tonics and toilet waters	141
Other drugs	7
Totals	282
Total foods and drugs	6,105

During the last canning season the laboratory collaborated with the Committee on standards on certain work relating to tomato products. The tomato pulp now on the market varies from unconcentrated strained tomatoes to the product obtained by concentrating strained tomatoes to one-third of their volume. One of the objects of the investigations was to obtain data pertaining to the total solids content and specific gravity of tomato pulp of known history. It is hoped that it will be possible to eventually bring about a condition in the canning trade so that all tomato pulp packed will be prepared to meet a fixed specific gravity. The following table shows results of analyses of samples of pulp of known history:

ARTICLE.	Sp. Gravity at 20 deg. C.	Total Solids Per Cent.	ARTICLE.	Sp. Gravity at 20 deg. C.	Total Solids Per Cent.
Tomato pulp...	1.0277	5.91	Tomato pulp...	1.0456	9.6
Tomato pulp...	1.0344	7.35	Tomato pulp...	1.040	8.05
Tomato pulp...	1.0313	6.55	Tomato pulp...	1.0244	4.98
Tomato pulp...	1.0449	9.65	Tomato pulp...	1.0273	5.55
Tomato pulp...	1.0371	7.85	Tomato paste...	.....	27.5
Tomato pulp...	1.0257	5.80	Tomato paste...	.....	22.1
Tomato pulp...	1.0287	5.85	Tomato paste...	.....	15.8
Tomato pulp...	1.0358	7.3	Tomato paste...	.....	18.07
Tomato pulp...	1.0409	8.4	Tomato paste...	.....	22.6
Tomato pulp...	1.0416	8.95	Tomato paste...	.....	21.1
Tomato pulp...	1.0494	10.65	Tomato paste...	.....	21.4
Tomato pulp...	1.0386	8.00	Tomato paste...	.....	21.9
Tomato pulp...	1.0337	6.05	Tomato paste...	.....	22.00
Tomato pulp...	1.0413	8.45	Tomato paste...	.....	22.7
Tomato pulp...	1.0409	8.45	Tomato paste...	.....	25.9
Tomato pulp...	1.0226	4.8	Tomato paste...	.....	16.3

During the twenty months covered by this report there have been analyzed four thousand fifty-one samples.

SUMMARY OF SAMPLES ANALYZED.

Public water supplies	2,606
Proposed water supplies	20
State institutional water supplies	82
Private water supplies	258
Railroad certification water supplies	154
Bottled waters	14
Special waters	187
Sewage	484
Trade wastes	199
Sand	32
Miscellaneous samples	15
Totals	4,051

Early in 1918 a limited number of tests were made to compare the use of Eosin-Methylene-Blue Agar[1] with Endo's Medium as a confirming medium for members of the B. Coli group. The results of examinations of 254 broth cultures from potable waters show that over 97 per cent gave parallel results on the Eosin and Endo Agars. The growth of colonies on the Eosin Agar was usually more typical than on the Endo Agar, and exhibited a fewer number of doubtful plates. The above confirmations indicate that, using the Eosin Agar as a confirming medium for B. Coli of fecal origin, slightly more than 1 per cent of the Endo positive cultures were of non-fecal origin. Very satisfactory growths were obtained on both Media. Owing to the pressure of work due to the war it was not found possible to continue the investigation to an extent which would warrant the drawing of definite conclusions.

[1] Lavine, Jour. Infectious Diseases, Vol. 23, p. 43.

SUMMARY OF RESULTS.

Number of samples of water examined	86
Number of broth cultures examined	254
Number of cultures Pos. on Endo A.	164
Number of cultures Pos. on Eosin A.	161
Number of cultures Neg. on Endo.	90
Number of cultures Neg. on Eosin A.	93
Number of doubtful Endo plates	3
Number of doubtful Eosin plates	1
Number of cultures Pos. on Endo A. and Neg. on Eosin A.	3

Shellfish—Oysters and clams are the shellfish most commonly used as food, and since the majority are almost always eaten in an uncooked or partially cooked condition, it is important that they shall be produced under such conditions as will render them safe for human consumption. The work of supervision has consisted in making sanitary surveys of the watersheds adjacent to the oyster beds and floating grounds, and bacteriological examinations of the shellfish and of the waters from which they are collected.

Maurice River Section—The total number of water samples collected from the Maurice River was three hundred sixty-five. These samples were collected at various points between Long Reach and the Main Street Bridge at Millville. The bacteriological results were as follows:

Section Four.

Number of samples collected	50
Number showing B. Coli present in 1 c.c.	43=86%
Number showing B. Coli present in .1 c.c.	22=44%
Number showing B. Coli present in .01 c.c.	7=14%
Number showing B. Coli absent	7=14%

In Section Three which extends from a point approximately two miles below the sewage disposal plant to about a mile north of Manumuskin, fifty samples were collected. The results of these samples were as follows:

Number showing B. Coli present in 1 c.c.	40=80%
Number showing B. Coli present in .1 c.c.	10=20%
Number showing B. Coli present in .01 c.c.	3= 6%
Number showing B. Coli absent	46=20%

In Section Two which includes Manumuskin Creek and extends to a point just above Leesburg, fifty samples were collected with the following results:

Number showing B. Coli present in 1 c.c.	25=50%
Number showing B. Coli present in .1 c.c.	7=14%
Number showing B. Coli present in .01 c.c.	2= 4%
Number showing B. Coli absent	25=50%

From Leesburg to the northern end of Long Reach fifty samples were collected, with the following results:

Section One.

Number showing B. Coli present in 1 c.c.	27=54%
Number showing B. Coli present in .1 c.c.	6=12%
Number showing B. Coli present in .01 c.c.	1= 2%
Number showing B. Coli absent	23=46%

In Long Reach ninety samples were collected on ebb tide and sixty on flood tide. The bacteriological results obtained on these samples were as follows:

Long Reach, ebb tide.

Number of samples collected	90
Number showing B. Coli present in 1 c.c.	51=56.6%
Number showing B. Coli present in .1 c.c.	14=15.5%
Number showing B. Coli present in .01 c.c.	1= 1.1%
Number showing B. Coli absent	35

Long Reach, flood tide.

Number of samples collected	60
Number showing B. Coli present in 1 c.c.	14=23.2%
Number showing B. Coli present in .1 c.c.	2= 3.3%
Number showing B. Coli present in .01 c.c.	1= 1.83%
Number showing B. Coli absent	46=76.6%

Fifteen other samples in addition to those collected in Long Reach were taken from the oyster floats at various places on both sides of the river during ebb tide. The bacteriological results obtained on these samples were as follows:

Number of samples collected	15
Number of samples showing B. Coli present in 1 c.c.	12
Number of samples showing B. Coli present in 0.1 c.c.	3
Number of samples showing B. Coli present in 0.01 c.c.	0
Number of samples in which B. Coli was not detected	4

One hundred ninety-seven samples of oysters were collected of which forty were salt and one hundred fifty-seven floated for various lengths of time. The results of the examination of these samples follow:

Salt Oysters.

Number of samples of salt oysters examined	40
Number of samples having a score under 23	39=97.5%
Number having a score between 23 and 50	1= 2.5%

Floated Oysters.

Number of samples collected	157
Number having a score under 23	138=88%
Number having a score between 23 and 50	14= 8.9%
Number having a score above 50	5= 3.1%

The following table shows the score of salt oysters taken from various parts of the Maurice River Cove, and the score of the oysters of the same lot after having remained in the waters of the Maurice River for varying lengths of time.

Salt Oysters	Floated Oysters	
Score	Time Floated	Oyster Score
0-0-3-1-0-0-0-1	2 low waters	4-4-4-14-1-2-4-3-0-1-3-5
1-2-1-0-3-3-2-1-2-2-4-4	4 " "	5-4-5-23-15-5-3-14-14-4
4-3-14-4-14-23-14-5-2-3-2-0	6 " "	5-14-14-5-14-14-3-4-32-4-4-14

The sanitary surveys made in this section indicated that the possibility of pollution of the river in the vicinity of the oyster floats by substances of human origin could be regarded as negligible.

The Millville Sewage Disposal Plant is now under laboratory control. Daily tests of the raw and treated sewage are made by the city engineer for the purpose of controlling the amount of chlorine to be added to the effluent in order to secure satisfactory disinfection. The results of his findings are submitted to the Department weekly. The plant has been discharging an effluent which it is now believed will no longer be a detriment to the shellfish business at Bivalve and Maurice River.

Atlantic City—During the period extending from June until September 1st, with the co-operation and assistance of the Health Officials of Atlantic City, an almost continuous patrol was maintained of the waters in the vicinity of Atlantic City previously condemned by the Department.

The main purpose of the work during the time above mentioned was to prevent the gathering and distribution of clams from the grossly polluted thoroughfares near Atlantic City, Ventnor, Margate City and Longport. The work was marked by the helpful aid of the Federal Food Administrator of Atlantic County, and the State Food Administrator, both of whom presided at a public hearing at which a considerable number of persons engaged in the clamming business had been cited to appear to explain why they were violating the law by collecting clams from polluted waters. At the hearing the clammers present were severely reprimanded, and at its conclusion the matter was given wide publicity in the local newspapers. Despite personal warnings, persuasion and publicity it was found impossible to induce a large number of the clammers to discontinue the gathering of clams from the polluted areas. It became necessary, therefore, for the Department to adopt more vigorous methods, as a result of which a number of the clammers have been prosecuted for the collection of the penalty provided by law and convictions secured. This method will be followed in the future in so far as it is possible with the limited force the Department has available for this work.

Tuckerton—The sanitary survey of Tuckerton Creek made during the month of August showed that certain pollutions which had formerly existed resulting in the pollution of the stream had been abated. No oysters were being floated at the time of the investigation, but the survey indicated that the creek should now be a more satisfactory place for the purpose of floating and storing oysters than heretofore.

West Creek—This stream is a tributary of Little Egg Harbor Bay, and is navigable to the oyster wharves of West Creek, a distance of three miles. Ten samples of water were collected, immediately after a heavy rain, the B. Coli Communis being present in dilutions of 1 cubic centimeter in nine per cent of the samples examined. This stream is practically free from dangerous pollutions, only one minor contamination being noted.

Report of the Division of Child Hygiene.

JULIUS LEVY, M.D., CONSULTANT.

It appears that prior to my association with the Division the work consisted principally in showing the child hygiene exhibit in various communities, together with a number of lantern slides and motion picture films on health, and giving lectures on child hygiene subjects.

In September, when I became associated with the Department there was available for the rest of the year approximately $15,000. We decided that it would be best to recall the exhibit on account of the large expense attached to its transportation, and to concentrate upon placing nurses in the communities where the need for preventive child hygiene work was very great, as evidenced by the high infant mortality rates and the total absence of preventive child hygiene work. To carry out the new plans it became necessary to reorganize the entire Division, which was then divided into four divisions, with a Supervisor for each.

The first Division was to deal with the placing, instruction and supervision of the nurses, whether they were in the employ of the State Department, or private society or municipality. Of course where the nurse was not in state employ, this supervision could only be given upon the approval of the employing body. Twelve nurses have been placed in seven counties: Burlington, Camden, Gloucester, Mercer, Middlesex, Salem and Warren. Baby Keep-Well Stations have been opened in the following cities: Burlington, Mt. Holly and Riverside; Camden, Paulsboro, Trenton (2); Chrome, Perth Amboy and New Brunswick; Penns Grove and Phillipsburg. Three nurses employed by private organizations in Passaic and Salem and Rahway, are under state supervision.

The second Division was assigned the task of studying the midwifery situation in the State of New Jersey for the purpose of determining the degree and nature of supervision that would be required to elevate the standard of midwifery practice, and thereby protect maternal and infant life.

The study of the midwifery situation in Mercer, Essex and Hudson counties has been completed, and on these studies it has been determined to divide the state into eight districts, and to place an Assistant Supervisor of Midwifery in charge of each district, whose function it will be to become intimately acquainted with the character of practice carried on by each midwife, and through education, cooperation and demonstration to improve the character of their work.

The midwifery situation from our study of these three counties reveals a very serious situation, but from our experience we have every

reason to believe that it will be possible with proper supervision and regulation to bring the practice to such standards as to protect maternal and infant life, as can readily be seen from the detailed report attached.

In the Division of Boarding Homes, dealing with infants and children, and problems associated with dependent mothers, we are studying each county to learn of the existence of institutions, like day nurseries, infant asylums, baby's hospitals, children's dispensaries, to examine into their sanitary and hygienic standards and to solicit their co-operation in making them a more active part of the child hygiene work of the county.

The study is also directed to the family welfare and social agencies so that the nurses of the State Department, or co-operative organizations, may be advised to whom to refer social and economic problems that affect the welfare of the mothers and children.

Where our study reveals that there is need for the establishment of an organization of this character, we hope through conference and co-operation to assist in the creation of these agencies.

Part of this work has been done in Mercer, Middlesex and Hudson counties, and considerable improvement has been effected in day nurseries, in the enforcement of regulations and the supervision of boarding homes by municipalities, in the establishment of prenatal clinics, and the closer co-operation for the care of the unmarried mother.

The Division of Education and Extension has undertaken to familiarize the school officials and health authorities and interested citizens of the counties with the child hygiene program, which has for its purpose the proper health supervision of the child from the prenatal period to adolescence, and the introduction of continuous supervision of all children in a family by a single nurse for the purpose of greater efficiency and economy.

Meetings have been arranged with the County Medical Societies, and in many instances private conferences have been held with Boards of Education and Boards of Health for the purpose of obtaining that degree of co-operation and co-ordination necessary for the proper carrying out of this continuous child hygiene program. The most complete demonstration will probably be made in Burlington county, where we believe through the appointment of a motor corps and the active co-operation of the school authorities, it will be possible to make available for the child and its mother in the most out-of-the-way places all the resources of hospitals, clinics and child and school hygiene.

On July 1st the legislature made available to this Division $125,000, the largest appropriation, I believe, that any state has appropriated for the protection of mothers and infants. Arrangements are completed for the establishment of child hygiene work in every county in the state, and we believe that through the active co-operation we are obtaining from the various Bureaus of our own Department and the Council of Defense and all organizations throughout the state interested in the welfare of mothers and infants that New Jersey will successfully fight on to make it a place that is safe for its mothers and infants.

DIVISION OF MIDWIFERY.

MISS FLORENCE SWIFT WRIGHT, SUPERVISOR.

The supervision of midwives was begun January 1st, 1919, with one supervisor. A preliminary survey of Mercer, Essex, Hudson and Middlesex counties has been made and similar work has been begun in Bergen, Burlington and Camden counties. The results of the surveys, so far as finished, are indicated in the accompanying tables.

The first step in making a county survey has been to call on all midwives who reported births during the three preceding months. A call has also been made on at least one physician living in neighborhoods where midwives practice. The active, licensed midwives have given information as to others attending fewer cases and have pointed the way to obtaining evidence of illegal practice by unlicensed midwives. Physicians visited have confirmed many of the findings and suspicions of the investigator.

Patients of licensed midwives have been visited in a friendly way, interest in the child being the usual approach, in order to make an estimate of the ability and willingness of the midwife to cope successfully with the adverse conditions under which she must often work. The points studied are the actual care given to mother and child and instructions left by the midwife, with the family for feeding and care of both.

Further information as to the details of the midwives' practice have been gained from the admissions of the midwives themselves. Statements as to the midwives's equipment are based on inspection of the outfits in use.

The survey of the midwife situation of the whole state will be accomplished in the near future.

Active Supervision Established in Burlington and Mercer Counties.

Based on the information obtained, active supervision of midwives has been established in Mercer and Burlington counties. A course of lessons and demonstrations on simple, essential features of midwifery such as the proper disinfecting of the midwife's hands, aseptic care of the child's navel, has been planned, which should bring the work of many midwives up to date and improve the practice of all midwives.

A meeting place has been provided, through the hospitality of the International Institute of the Young Women's Christian Association. A meeting of midwives was held on May 28th, which was attended by 75 per cent of the active midwives. After refreshments and a

pleasant social hour, demonstrations were given and an informal organization (The Midwives' Association of Mercer and Burlington Counties) was formed, for the purposes of improving the practice of midwifery and of promoting the health of mothers and babies. Meetings are to be held monthly, and later well known obstetricians and baby specialists will be invited to speak to the midwives.

Supervision Essential, Even After Good Training.

The relation of the training of the midwife to the quality of her work seems less important than might be supposed. We have accurate knowledge of the methods of two schools of midwifery, both of which teach excellent obstetrical technique. Twenty-two of the midwives so far traced, have had training in one or both of these schools. With perhaps two exceptions, these midwives lack essential articles of equipment, and fail, according to their own admissions, to observe important precautions, which they were taught in training.

The results of supervision are well illustrated by the experience of Newark, where midwives have been supervised since 1913 and where the standards of practice are noticeably superior to any observed elsewhere in New Jersey. Essex county midwives, who conform to the regulations when practicing in Newark, maintain a much lower standard of work in their practice in other parts of the county.

General improvement in midwifery practice in New Jersey will be possible only by dealing firmly and consistently throughout the state, with four general classes of midwives.

(a) The ignorant, untrained woman of dirty habits, who cannot be taught, must be forced to abandon midwifery as a means of livelihood.

(b) The trained, skilled, shrewd woman, who ignores or defies the law, must be forced to abandon the practice of medicine, surgery or worse, which our survey in four counties has shown to be very common. It must be made possible to revoke her license for these acts. A supplement to the State Sanitary Code regulating the practice of midwifery is now in preparation and will give the necessary power to proceed without undue delay against this type of midwife.

(c) The poorly trained, honest, intelligent woman must be taught better methods and she must be closely supervised, in order to keep her work up to a safe standard.

(d) The well trained midwife must be helped, or forced to keep her work to the standard she knows, in spite of all difficulties encountered in tenement homes.

All midwives must be taught the advantages of prenatal medical supervision and to observe the law restricting their work to normal cases.

Most midwives, probably all who want to do good, honest work, welcome instruction and supervision and appreciate the interest of the State Department of Health, which invites them to be co-workers for the protection of mothers and infants.

	Hudson County.	Mercer County.	Burlington County.	Essex County.			
				Total.	Newark.	Remainder of Essex County.	
Licensed midwives traced.	119	19	5	89	84	5	
Suspected abortionists.	31	4	1	?	?	0	
Disregard the law by failing to use silver nitrate.	25	14	....	5	0	5	Based on admissions of midwives.
Disregard the law by failing to register in county.	43	11	4	1	0	1	Based on admissions of midwives and condition of equipment.
Prescribe drugs and patent medicines.	42	5	1	1	0	1	Based on admissions of midwives and condition of equipment.
Use forbidden instruments.	34	12	1	5	4	1	It is not easy to be positive. Statements based on admissions of midwives.
Do not send for a physician in abnormal cases.	Most	Most	?	?	Few	?	Two other suspected maternity homes found in Hudson county.
Conduct maternity homes.	6	0	1	0	0	0	Based on admissions of midwives.
Manufacture patent medicine.	3	0	0	0	0	0	
Do not carry thermometer.	54	16	2	10	7	3	Based on admissions of midwives.
Do not use thermometer.	78	16	2	26	21	5	Based on inspection.
Insufficient outfit.	55	17	3	8	4	4	Based on inspection.
Unsanitary outfit.	51	16	1	7	3	4	
Outfit not seen.	30	1	1	0	0	0	

Among the forbidden drugs found were paregoric, laudanum, morphine, pituitrin, arsenate of iron, acetanilid, methylarsol, quinine, nineteen different kinds of patent medicines, many containing opium, alcohol and ether, and many unlabelled materials. Among forbidden instruments found were obstetrical forceps, sounds, uterine forceps, suture materials, stiff catheters reinforced with wires, metal catheters, sponges with strings attached, uterine obdurators, pessaries, dilators for stretching cervix in treating sterility, needles for piercing infants' ears and hypodermic syrings.

UNLICENSED MIDWIVES.

Mercer County.

Estimated number practicing	5
Positive information obtained of	1

Hudson County.

Estimated number of unlicensed midwives practicing	12
Number of unlicensed midwives reported to County Prosecutor with evidence	5

Essex County.

In Newark—	
Estimated number of unlicensed midwives practicing	0
In other parts of Essex County—	
Estimated number of unlicensed midwives practicing	6
Number of unlicensed midwives reported to County Prosecutor with evidence	3
Number of cases of illegal practice by unlicensed midwives placed before Grand Jury and indictments found	2

Burlington County.

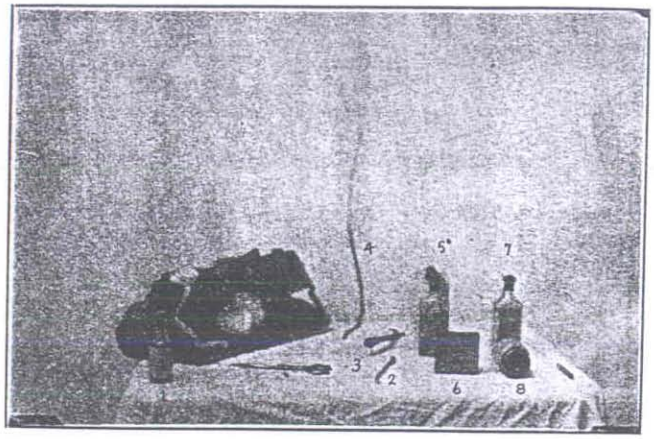
Estimated number of unlicensed midwives practicing	2

One of these midwives does not desire to practice, but attends women when a physician cannot be obtained. Her work appears to be needed at present.

Conversations with midwives and midwives' patients indicate the presence in all four counties of women abortionists who are neither midwives nor physicians. Evidence in one such case has been placed with a County Prosecutor.

ILLEGAL PRACTICE BY LICENSED MIDWIVES.

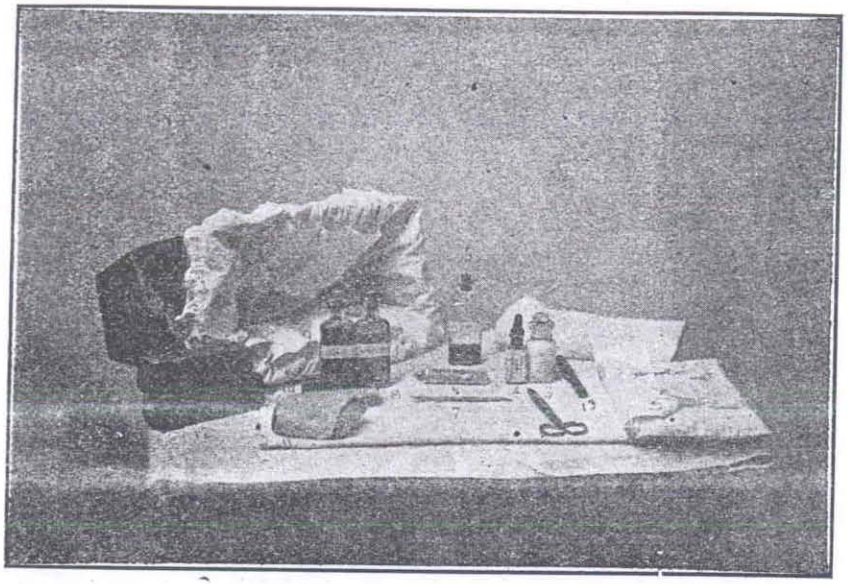
	Hudson County.	Mercer County.	Burlington County.	Essex County: Total.	Essex County: Newark to City Prosecutor.	Essex County: Remainder of
Cases in which information has been given to the County Prosecutor.	4	0	0	0	1	0
Convictions secured.	0	0	0	0	0	0
Recommended to State Board of Medical Examiners for revocation of license.	8	2	0	0	1	0



Actual equipment taken from midwife. Unfortunately it was impossible to photograph the dirt and the odor. Note the old, dirty, torn bag with "sterile" cotton and tape within it.

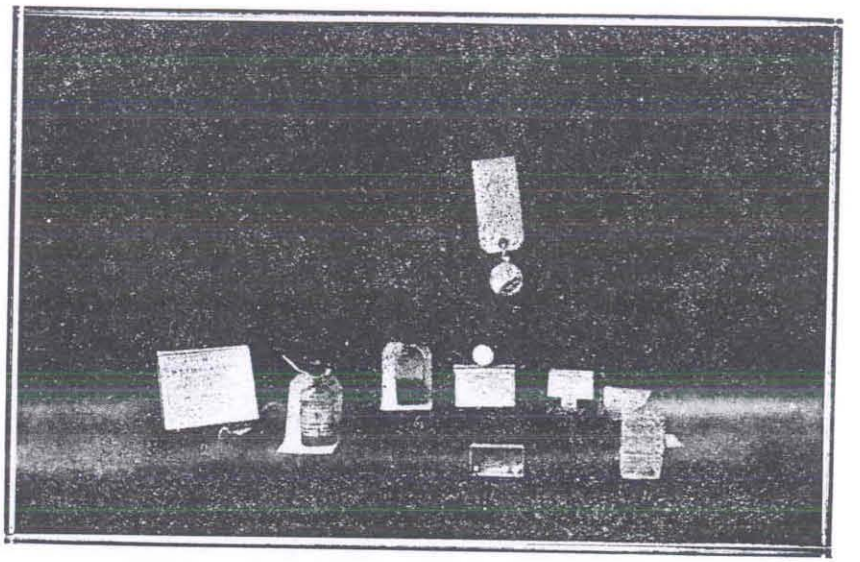
1. Paregoric.
3. Rusty catheter.
3. Dirty douche nozzle.
4. Filthy soft silk catheter, reinforced with wire.
5. Laudanum.
6. Quinine pills.
7. Unlabelled bottle, said by the midwife to contain a disinfectant.
8. A jar of dirty vaseline, showing finger marks.

This equipment also contained a rubber fountain syringe, which was in such a bad condition that one was reluctant to carry it.



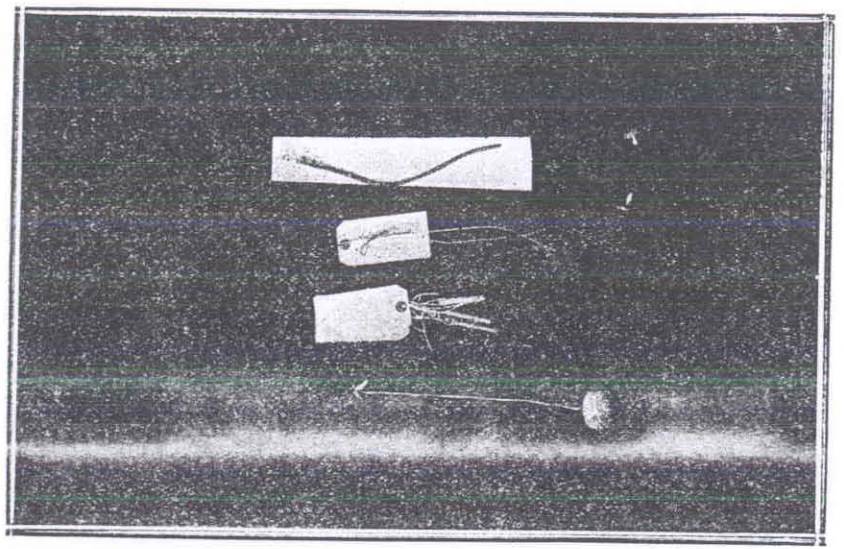
Equipment recommended by the State Board of Health—A clean, sanitary equipment for a midwife. Note the smooth leather bag in good repair—dusted and sunned weekly—the removable washable white lining which protects the open bag and the contents of the closed bag.

1. Allover apron and cap.
2. Five freshly ironed towels.
3. Boric acid powder.
4. Silver nitrate.
5. Ergot.
6. Vaseline in tube.
7. Nail cleaner.
8. Tincture of green soap.
9. Lysol.
10. Hand brush.
11. Squares of sterile gauze and sterile tape.
12. Sterile cotton in small packages.
13. Thermometer.



A few of the many forbidden drugs found in midwives' equipment.

1. Lethicin.
2. Box of Methylarsol ampoles.
3. Ampoles from No. 2.
4. Laudanum.
5. Iron arsenate ampole.
6. Unlabelled bottle said by the midwife to contain paregoric.
7. Assorted, unlabelled pills. The large white ones said by the midwife to be cathardic pills; the small pink ones said by the midwife to be used for fever; the small white ones said by the midwife to be used when the woman felt weak.
8. Headache wafers containing acetanilid.
9. Tablets of morphine, grain one-fourth.
10. Box of iron arsenate ampoles.
11. Box of pituitrin ampoles.



A few forbidden articles found in midwives' bags.
1. Sponge enclosed in a silk net with a string attached.
2. Cervical dilators.
3. Wires from soft silk catheters.
4. Soft silk catheter (dirty), with wire inserted.
5. Cervical pessaries.

Division of Education and Extension.

EMILY S. HAMBLEN, SUPERVISOR.

The Supervisor of Education and Extension took office December 1st, 1918. The first duty was to seek contact with the State Organization of the National League for Women's Service and the Warren County unit of the Child Welfare Committee of the Council of National Defense. The results were the opening of Stations in Phillipsburg and Passaic. About this time the National Red Cross Society put forth its public health program and conferences were arranged with the leaders of the Atlantic Division with a view to so co-ordinating the work of the Red Cross and the Bureau of Child Hygiene that the public health programs of the two organizations should be constructive and supplemental one with the other. In a later conference with the Director of the Bureau of Child Hygiene, the Red Cross leaders in New Jersey agreed to co-ordinate their work with state work by supplying district nurses for bedside and obstetrical cases and to assist in such relief cases as were brought to their attention by the state nurses. Headquarters of the Atlantic Division have also agreed not to accept overtures from any municipality of New Jersey without first having notified the Bureau of Child Hygiene. At the same time relations were established with the Motor Corps of America in consequence of which automobile service may be made available which may be of fundamental importance in working out the plan of rural service. In fact, the plan is under way in Warren and Burlington counties.

Consideration of the child hygiene work with the Extension work of the State College of Agriculture is planned along lines of instruction of mothers and girls in the subject of dietetics and in the extension of all educational health work to rural communities. County Agents and teachers in the vocational schools are co-operating with the workers of this Bureau.

This correlation, taken in connection with the plan of the Director to form a State Child Welfare Council composed of representative members of various organizations, working in co-operation with the Child Welfare Committee of the Council of Defense—the Council to be an auxiliary to the State Departments—bids fair to reduce to a minimum the dangers of a confused and chaotic condition due to lack of mobilization of the social forces.

For the extension work on a county basis data were collected which showed to a considerable extent activities along child welfare lines and the equipment of the state in institutions and personnel. This has been followed up by correspondence with the workers and the officials of each county and by personal visits to all municipalities which seemed to offer places as key positions with reference to the county situation. Great assistance in planning county work has

been given by the County Superintendents of Schools, and hearty offers of co-operation have been secured from school principals, health officers and other public officials. Civic societies and Child Welfare Committees have also been most helpful, in some cases very active. Everywhere has been found appreciation of the need for the work of child conservation and recognition of the fact that effort to be effective must be centralized and unified. A number of county meetings have been held where all the child welfare agencies have been represented.

The work has progressed to the point where the Bureau has ready for July 1st a base of operation in each county and a plan for expansion of the work from this base. Of the twenty-one counties, Essex, Bergen, Union, Monmouth, Ocean, Cape May, Somerset and Hunterdon will have one nurse each early in July. Hudson, Passaic, Warren, Sussex Morris, Mercer, Atlantic, Salem and Gloucester will have two nurses. Camden and Cumberland will have three, Middlesex four and Burlington five or possibly six nurses.

Along educational lines letters have been sent health officers and papers of the state explaining the work of the Child Hygiene Bureau; press articles have been written for most of the local papers in places where stations have been opened. A poster exchange has been arranged with the Stations, reports for the Public Health News, Legislative Index and League of Municipalities and the daily papers have been written and much literature, graphic and descriptive, has been selected and distributed through the Child Welfare Committee in connection with the celebration of Baby Week.

The special feature of Baby Week was a drive for better birth registration. Returns which have come in indicate that in some few municipalities the work was very thoroughly done, while in others it is beng postponed until the fall. It is hoped, however, that the result will be to place New Jersey in the Birth Registration Area of the United States.

Division of Boarding Homes, Children's Institutions and Dependent Mothers.

HENRIETTA HENIUS, SUPERVISOR.

Boarding Homes—It has been found in the counties thus far surveyed, namely, Hudson, Middlesex and Mercer counties, that only one city has an ordinance requiring the licensing of boarding homes for children. This practice is maintained in the City of Trenton, and the investigation of the homes has just begun.

An effort is being made to fix the responsibility for the proper supervision of boarding homes for children, upon some one organization in each community. In this respect it might be well to lay stress upon the advantage of having a state ordinance which would require all persons, who sought to board children, to secure a license toward that end, from the State Department of Health.

Day Nurseries—The day nurseries in Hudson, Middlesex and Mercer counties have been visited and while most of them are properly conducted, a number of conditions were found that if continued would mitigate against the welfare of the children. On the whole it was found that these nurseries welcomed suggestions, and will endeavor to avail themselves of the co-operation of this Division. A clause should be included in the ordinance for Boarding Homes that will require licensing and supervision from local or State Department of Health.

Unmarried Mother Problem—In the three counties above referred to, an agency has been designated in each of the larger communities which will supervise the unmarried mothers in order that the infants of these mothers may be born under proper conditions, and that they may not be separated from their mothers after birth. The agencies through whom this plan will be put into operation will endeavor to notify this Division of all such cases handled by them, and will cooperate with us in bringing about the best results for the infant of the unmarried mother. It is hoped that as this work becomes more generally known the percentage of infants separated from their mothers will be materially reduced.

Mothers in Industry—This Division is also endeavoring to discourage the employment of mothers with infants under one year. This calls for the co-operation of Employers, Overseers of the Poor of the various communities and also of Charity Organization Societies or similar organizations. It is hoped that the time will come when we can state that no factory in New Jersey employs mothers with infants under one year of age.

Report of the Bureau of Venereal Disease Control.

J. HOLMES SMITH, JR., P. A. SURGEON, U. S. P. H. S., CHIEF.

Report of the activities of the Bureau of Venereal Disease Control, between the period, August 15th, 1918, to June 30th, 1919, inclusive.

The activities of the Bureau of Venereal Disease Control have been varied and depend largely upon the needs of the moment. The work of the Bureau might be summarized under several headings:

First. Clinical: second, Detention Facilities; third, Repressive Measures; fourth, Educational.

Clinical—During this period the following clinics (either already in existence or established at our request) have been co-operating with this Department: Camden, Trenton, Elizabeth, Plainfield, Newark, Jersey City and Orange. It is expected in the near future to have clinics in New Brunswick, Perth Amboy, Long Branch, Glen Ridge and Atlantic City. Clinics not co-operating with this Department are now in operation in Asbury Park, Bayonne and Paterson.

Detention Facilities—In the larger cities such as Newark and Jersey City, provision is made for admitting to the Municipal Hospital, cases of venereal diseases requiring hospital treatment. In the City of Trenton, a separate venereal disease hospital is now under construction in the Municipal Colony, and in the course of several months will probably be placed in operation. The City of Paterson maintains a separate farm where prostitutes suffering from venereal diseases can be isolated and held for treatment. In the majority of instances, women arrested in the neighborhood of a military camp were detained in the county jail during the period of their infectivities. In several localities such patients were transported several times a week to one of the nearby clinics for treatment.

Repressive Measures—Nothing has been attempted by this Department in the line of repressive measures. The state law being entirely inadequate for such procedure and the last legislature failing to act upon such measures, no steps have been taken along these lines.

Educational—This has consisted of the following: Exhibition of motion pictures and lantern slides; distribution of literature; lectures; newspaper articles and billboard advertising. The motion pictures exhibited have been "Fit to Fight," and the "End of the Road," and animated pathological pictures and scenes taken from the Trenton Venereal Disease clinic. The pictures "Fit to Fight" and "The End of the Road" were not the private possession of this Bureau, and consequently were shown only during the limited period of time.

A great deal of interest was shown in them, and it is believed a considerable amount of good was accomplished. The lantern slides consisted of an exhibit entitled "Keeping Fit" and also a set of pathological slides. The literature distributed has consisted mainly of a series of pamphlets which were published under the auspices of the United States Public Health Service. To date approximately 364,700 pamphlets have been distributed, some of which have been sent to every state in the Union, to Canada, Hawaii, Canal Zone and Cuba. The lectures have been of various characters, some before medical societies, some to miscellaneous gatherings, and many in industrial establishments. The total about 154. Newspaper articles have been published from time to time. On several occasions full page or half page ads were placed in a number of the leading newspapers. This form of advertising has been found to be very advantageous, but very expensive. About the 1st of May, it became possible to secure in the City of Trenton several of the large billboards formerly used for advertising the "Liberty Loans." The only cost to the Department being that of painting. Four of these were displayed in the City of Trenton and three along the line of the Pennsylvania Railroad. The results have been so favorable that it has been decided to employ this method in other parts of the state. At the same time advertising placards have been placed in street cars and special lantern slides devised for showing during the regular performances in the motion picture houses.

Before closing it might not be amiss to state that our present plans of campaign consist largely in circularizing our activities in certain cities during a given period of time. During this time our representatives devote the most of their activities to these locations, and it has been found that this brings excellent results. First: As regards the enthusiasm on the part of citizens; second, in enactment of local ordinances, increasing the attendance at the clinic and securing of local funds for carrying on the work in the locality.

Report of the Bureau of Vital Statistics.

DAVID S. SOUTH, CHIEF.

A change in the date of publishing the annual reports of the various departments prevented a publication of the report of the Bureau of Vital Statistics for the year 1917, and therefore the tables in reference to births, marriages and deaths contained in the following pages shows this data for the calendar year 1917 and the calendar year 1918.

For proper statistical study it is necessary to continue the publication of certain mortality data year by year. However, on recommendation of the Commissioner of Reports, the tables which follow have been abbreviated as much as possible.

Since the publication of the last report of the Bureau the legislature has enacted a law requiring the Department to furnish, free of charge, certified copies of birth records to be used in cases where the applicant desires to procure employment.

In a communication to the State Department of Health it has been recommended that the old records—that is, those records dating from 1847 to 1878—be completely indexed. While this would mean considerable work, the records are in such a state that the constant handling of the same will ruin them for all practical purposes. It is therefore urged that an appropriation of about $2,500 to $3,000 per year be made for the purpose of starting and continuing such indexes until they are completed. Such an appropriation would permit the employment of three clerks at a salary of $60 per month, the remainder of the appropriation being used for stationery and other incidentals. This appropriation would be made year after year until this work is completed.

To make for still greater efficiency in the Bureau of Vital Statistics, it is earnestly recommended that the Department prepare and present to the Legislature a revision of the laws in reference to the filing of births and deaths, the proposed act to be patterned after what is known as the Model Law requiring the registration of vital statistics, which act is now in force in several of the registration states. In the State of Pennsylvania excellent results are being secured under this law, and with the various local registrars throughout the state under control of the State Department of Health, there is no doubt that our efficiency as a registration state would be greatly increased. We would be in a position to procure the registration of practically all births that take place in the State of New Jersey, and under such a law when certificates were filed in the Bureau of Vital Statistics they would necessarily be complete and accurate, thus forming a basis for the study of infant mortality, and other problems so necessary for the conduct and promotion of the public health.

The following table is a summary of the various records filed in the Bureau of Vital Statistics for the calendar years 1917 and 1918, together with the number of searches and certified copies prepared in the Bureau and the amount of fees received therefor:

GENERAL SUMMARY.

	1917	1918
Deaths registered, indexed and tabulated	43,532	60,852
Births registered, indexed and tabulated	75,278	74,549
Still-births registered, indexed and tabulated	3,183	3,525
Marriages registered, indexed and tabulated	30,060	23,989
Total records registered, tabulated and permanently preserved	152,053	162,915
Certified copies issued and searches made for which fees were received	4,408	7,245
Certified copies issued and searches made in pension cases for which no fees were received	4,383	4,947
Fees returned to State Treasurer for certified copies and searches	$3,423.30	$4,979.15

MARRIAGES DURING THE WAR.

During the year 1918, 23,989 marriages were reported to the Bureau of Vital Statistics, which was a decrease of 6,071 from the previous year. This decrease appears to be evenly distributed among the various counties of the state, with the exception of those places in which cantonments or other government stations were located.

In Bergen county where Camp Merritt is located the marriages for 1917 was 1,378, and for 1918, 1,327. However, in Burlington county, in which Camp Dix is located, the marriages in 1917 were 557, and in 1918, 876.

The greatest decrease of any district in the state is shown in the marriages from Hudson county where, during the year 1917, 7,366 marriages were reported, and in 1918, 5,527, a decrease of 1,839. Large decreases were also shown in the marriages from Passaic county, Middlesex county, Mercer county, Camden county and Union county.

BIRTHS.

In order to properly promote the child welfare work a more complete study and analysis of birth records must be made and certain tabulations permitting an intelligent study of the infant mortality rate in various localities should be prepared and published.

In most of the leading registration states the publication and preservation of this data is considered invaluable, and it is therefore recommended that the Department ascertain from the Commissioner of Reports or the Board that has these publications in charge, whether a series of these tables may be published if prepared in order that our work in this line may compare favorably with other states leading in this line of work.

It is recommended that beginning with the calendar year 1920 all births be credited to the district in which the parents reside, regardless of where the birth takes place. In many municipalities throughout the state a large percentage of the births are of non-residents in adjoining districts, and the same statistical treatment of births should prevail regarding resident and non-resident births as is now practiced with the resident and non-resident deaths.

Tables should be prepared showing the number of illegitimate births by districts, as well as births by nationality of parents. The births among the white and colored inhabitants by districts should also be published from year to year.

DEATHS.

The total number of deaths for 1917 was 43,532, and for 1918 the deaths were 60,852, an increase of 17,320. However, a study of the deaths from various diseases year by year will show that the total death-rate from most ailments is lower in 1918 than in 1917. The exception was in deaths from influenza which raged in epidemic form in practically every district of the state from September to December, 1918, when thousands of our citizens of all ages and in all walks of life were stricken.

TABLE 1.—BIRTHS, MARRIAGES AND DEATHS BY COUNTIES, CITIES, BOROUGHS AND TOWNSHIPS FOR THE YEARS 1917 AND 1918.

ATLANTIC COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Absecon City	13	22	1	4	20	16
Atlantic City	976	887	543	497	677	1,063
Buena Vista Township	103	105	32	22	37	65
East Atlantic City	0	0	0	1	0	2
Egg Harbor City	50	68	18	16	31	48
Egg Harbor Township	34	29	4	2	28	31
Folsom Borough	0	3	1	0	3	5
Galloway Township	33	25	4	6	38	30
Hamilton Township	43	45	5	15	24	60
Hammonton Town	152	146	51	42	83	103
Linwood Borough	1	6	0	0	4	5
Longport Borough	1	2	3	0	2	0
Margate City	2	4	1	0	3	5
Mullica Township	17	24	4	7	9	34
Northfield City	16	18	5	5	19	39
Pleasantville Borough	121	76	49	41	63	100
Port Republic City	4	5	2	3	7	7
Somers Point Borough	16	9	1	3	10	15
Ventnor City Borough	22	17	5	4	16	21
Weymouth Township	16	26	10	3	11	23
Total	1,620	1,517	739	671	1,085	1,672

BERGEN COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Allendale Borough	18	19	10	6	19	19
Alpine Borough	7	6	0	2	8	8
Bergenfield Borough	68	64	13	12	50	49
Bogota Borough	60	48	26	14	28	48
Carlstadt Borough	107	89	45	30	66	69
Cliffside Park Borough	168	163	33	25	70	102
Closter Borough	31	23	16	8	32	37
Cresskill Borough	11	9	2	68	12	16
Delford Borough	11	18	12	4	9	13
Demarest Borough	12	7	6	19	5	6
Dumont Borough	47	26	13	115	24	60
East Paterson Borough	44	45	14	5	16	33
East Rutherford Borough	121	117	35	33	64	88
Edgewater Borough	73	59	22	21	57	63
Emerson Borough	20	26	8	2	12	10
Englewood City	295	347	114	118	147	215
Englewood Cliffs Borough	1	3	0	3	8	8
Fairview Borough	159	185	35	24	41	87
Fort Lee Borough	75	94	52	37	71	97
Franklin Township	25	31	17	12	25	35
Garfield Borough	703	637	123	95	207	282
Glen Rock Borough	25	29	6	3	16	22
Hackensack City	521	506	174	128	246	301
Harrington Park Borough	12	3	1	2	9	7
Hasbrouck Heights Borough	21	32	7	10	29	42
Haworth Borough	11	5	5	4	8	17
Hillsdale Township	21	25	5	4	16	25
Hohokus Borough	15	23	8	10	4	17
Hohokus Township	80	49	19	5	43	57
Leonia Borough	24	28	20	19	28	37
Little Ferry Borough	71	61	24	12	34	48
Lodi Borough	240	231	55	46	72	168
Lodi Township	50	49	2	9	10	23
Lyndhurst Township	223	206	52	26	70	135
Maywood Borough	26	13	12	9	12	27
Midland Township	26	28	11	9	32	55
Midland Park Borough	58	58	20	17	22	33
Montvale Borough	10	11	3	3	9	11
Moonachie Borough	39	24	9	10	14	13
North Arlington Borough	35	33	0	1	14	20
Northvale Borough	12	18	3	2	8	12
Norwood Borough	15	16	4	1	6	5
Oakland Borough	14	13	3	1	7	7
Orvil Township	10	3	0	1	8	8
Palisade Township	18	28	6	6	15	28
Palisade Park Borough	36	41	8	6	23	23
Park Ridge Borough	56	52	22	5	22	45
Ramsey Borough	30	24	10	3	23	31
Ridgefield Borough	24	15	14	14	21	27
Ridgefield Park Borough	16	21	13	6	27	23
Ridgewood	93	123	48	44	66	101
Riverside Borough	80	76	53	55	112	82
Rivervale Township	10	10	4	7	14	16
Rutherford Borough	4	5	1	2	3	18
Saddle River Borough	112	125	45	41	103	117
Saddle River Township	0	4	1	3	7	16
Teaneck Township	60	62	6	10	30	38
Tenafly Borough	50	58	16	18	43	39
Upper Saddle River Borough	53	55	40	86	38	57
Wallington Borough	2	1	1	3	3	2
Washington Township	169	185	8	14	58	71
Westwood Borough	2	1	0	2	2	9
Woodcliffe Lake Borough	36	28	15	12	26	34
Woodridge Borough	3	6	0	1	11	9
	31	19	5	3	17	25
Total	4,502	4,419	1,378	1,327	2,352	3,246

BURLINGTON COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Bass River Township	11	4	5	2	11	12
Beverly City	45	52	23	20	52	62
Beverly Township	64	55	12	15	53	42
Bordentown City	74	62	37	63	83	91
Bordentown Township	7	6	0	1	6	9
Burlington City	220	197	80	82	153	265
Burlington Township	37	24	2	1	24	25
Chester Township	108	140	47	34	108	129
Chesterfield Township	17	16	7	6	15	13
Cinnaminson Township	39	28	16	2	16	25
Delran Township	25	29	7	2	14	17
Easthampton Township	8	5	5	1	10	7
Evesham Township	28	28	7	2	24	18
Fieldsboro Borough	10	11	1	2	5	8
Florence Township	238	229	30	26	93	160
Lumberton Township	35	32	13	5	20	32
Mansfield Township	21	14	6	6	27	24
Medford Township	37	44	11	11	37	49
Mt. Laurel Township	37	34	8	4	28	27
New Hanover Township	11	23	8	3	23	23
Northampton Township	107	113	76	8	122	184
North Hanover Township	0	8	3	2	10	7
Palmyra Township	76	95	25	21	50	79
Pemberton Borough	10	20	11	13	17	13
Pemberton Township	10	18	3	8	24	35
Riverside Township	203	185	66	34	58	115
Riverton Borough	32	44	19	23	29	34
Shamong Township	4	13	0	0	5	14
Southampton Township	30	29	10	4	24	39
Springfield Township	15	18	5	1	16	17
Tabernacle Township	6	8	0	3	4	5
Washington Township	14	10	3	0	14	11
Westhampton Township	4	11	1	3	6	10
Willingboro Township	8	12	2	1	8	5
Woodland Township	13	10	0	0	6	12
Total	1,604	1,615	557	876	1,196	1,613

CAMDEN COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Audubon Borough	70	75	12	14	41	66
Barrington Borough	7	21	1	0	1	12
Berlin Township	40	52	28	33	34	40
Camden City	2,794	3,014	1,201	937	1,948	3,088
Centre Township	84	76	14	9	45	79
Chesilhurst Borough	0	5	1	1	5	9
Clementon Township	43	57	17	10	31	50
Collingswood Borough	90	107	44	40	90	112
Delaware Township	37	30	7	2	15	32
Gloucester City	252	236	118	98	173	314
Gloucester Township	44	54	20	15	50	77
Haddonfield Borough	74	95	42	22	84	104
Haddon Heights Borough	32	27	26	7	25	39
Haddon Township	39	39	7	8	26	27
Laurel Springs Borough	7	8	5	2	10	10
Magnolia Borough	20	20	9	6	17	27
Merchantville Borough	47	41	44	40	49	61
Oaklyn Borough	17	18	3	8	9	24
Pensauken Township	76	77	11	4	72	95
Voorhees Township	16	22	4	2	15	16
Waterford Township	31	38	14	3	22	23
Winslow Township	90	84	12	3	40	81
Wood-Lynn Borough	20	25	8	10	15	25
Total	3,930	4,221	1,648	1,274	2,817	4,411

CAPE MAY COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Avalon Borough	1	2	1	2	1	4
Cape May City	31	46	42	57	27	47
Cape May Point Borough	3	1	0	5	2	4
Dennis Township	32	34	8	4	25	41
Lower Township	19	19	5	6	10	20
Middle Township	41	50	18	11	50	53
North Wildwood Borough	25	43	2	1	19	15
Ocean City Borough	51	51	28	21	32	38
Sea Isle City Borough	15	12	7	3	12	19
South Cape May Borough	4	0	0	3	1	0
Stone Harbor Borough	17	6	2	3	1	6
Upper Township	18	15	3	5	25	25
West Cape May Borough	44	24	2	7	6	13
Wildwood City	33	35	21	29	40	41
Wildwood Crest Borough	16	1	12	6	0	4
Woodbine Borough	1	42	12	13	10	10
Total	351	381	163	175	261	340

CUMBERLAND COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Bridgeton City	287	334	152	129	246	417
Commercial Township	40	45	13	11	23	44
Deerfield Township	67	29	18	8	33	38
Downe Township	15	20	9	11	21	20
Fairfield Township	40	22	9	15	32	29
Greenwich Township	23	24	11	6	16	27
Hopewell Township	23	30	9	11	18	45
Landis Township	92	79	4	6	85	160
Lawrence Township	40	35	12	5	25	24
Maurice River Township	44	33	7	16	30	36
Millville City	302	315	147	109	208	332
Stow Creek Township	18	24	2	4	12	7
Vineland Borough	215	184	105	82	106	196
Total	1,206	1,174	498	413	855	1,375

ESSEX COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Belleville City	364	347	102	84	195	257
Bloomfield City	360	352	179	119	281	344
Caldwell Borough	48	42	49	19	54	72
Caldwell Township	13	7	2	1	16	15
Cedar Grove Township	11	22	5	4	20	43
East Orange City	551	564	263	249	492	591
Essex Fells Borough	5	1	4	0	7	8
Glen Ridge Borough	298	382	22	17	54	56
Irvington City	477	463	124	117	254	295
Livingston Township	15	16	7	6	11	25
Millburn Township	75	68	32	17	56	73
Montclair City	390	363	243	204	322	433
Newark City	11,952	11,687	4,911	3,992	6,156	8,310
North Caldwell Borough	5	5	0	1	10	2
Nutley Borough	215	191	73	56	110	132
Orange City	1,224	1,315	338	264	484	656
Roseland Borough	24	13	6	6	9	6
South Orange Borough	106	94	59	34	78	111
South Orange Township	61	67	32	43	69	79
Verona Borough	31	26	22	21	32	53
West Caldwell Borough	11	11	2	0	11	18
West Orange City	326	293	68	63	172	260
Total	16,562	16,329	6,543	5,317	8,893	11,839

GLOUCESTER COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Clayton Borough	27	40	14	8	36	42
Deptford Township	38	50	5	3	26	42
East Greenwich Township	25	41	8	5	26	28
Elk Township	20	15	0	0	8	14
Franklin Township	65	66	12	3	36	57
Glassboro Township	85	64	29	28	41	67
Greenwich Township	50	57	8	2	12	48
Harrison Township	24	32	8	8	22	28
Logan Township	30	26	2	2	28	24
Mantua Township	26	28	6	5	21	44
Monroe Township	47	33	16	16	30	55
National Park Borough	18	22	2	3	10	19
Paulsboro Borough	141	139	29	27	56	127
Pitman Grove Borough	32	32	14	28	32	63
South Harrison Township	16	11	2	6	7	7
Swedesboro Borough	32	30	16	16	38	50
Washington Township	28	31	8	3	17	33
Wenonah Borough	11	12	7	5	7	11
West Deptford Township	36	38	8	10	9	32
Westville Borough	24	43	15	12	24	48
Woodbury City	106	142	70	56	89	127
Woodbury Heights Borough	19	3	0	2	4	8
Woolwich Township	6	23	3	0	14	19
Total	906	978	282	246	593	993

HUDSON COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Bayonne City	2,437	2,507	663	480	925	1,519
East Newark Borough	65	62	14	11	42	44
Guttenberg	184	181	34	29	76	114
Harrison City	399	423	170	132	233	303
Hoboken City	1,779	1,746	1,763	1,167	1,170	1,373
Jersey City	7,032	7,017	3,249	2,502	4,832	6,177
Kearny Town	600	599	157	117	279	475
North Bergen	567	611	153	132	289	401
Secaucus Borough	66	66	82	28	81	172
Town of Union	416	406	287	258	274	330
Weehawken	346	295	81	72	186	247
West Hoboken City	874	861	397	282	519	641
West New York City	811	827	316	317	310	400
Total	15,576	15,601	7,366	5,527	9,216	12,196

HUNTERDON COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Alexandria Township	10	18	4	6	12	10
Bethlehem Township	13	12	2	1	10	21
Bloomsbury Borough	12	19	3	11	19	18
Califon Borough	0	0	0	3	0	7
Clinton Borough	2	8	3	10	21	13
Clinton Township	38	25	11	7	33	44
Delaware Township	38	25	11	7	21	32
East Amwell Township	19	20	10	3	18	12
Flemington Borough	46	45	21	19	46	46
Franklin Township	11	11	6	1	19	13
Frenchtown Borough	19	19	6	5	28	27
Hampton Borough	16	16	9	9	22	23
High Bridge Borough	24	48	12	5	24	49
Holland Township	9	16	3	1	9	8
Kingwood Township	16	16	3	4	15	22
Lambertville City	95	114	39	24	70	98
Lebanon Township	38	20	9	8	28	40
Milford Borough	22	16	11	3	7	11
Raritan Township	25	27	4	2	19	36
Readington Township	38	50	8	7	48	50
Stockton Borough	2	0	4	0	1	1
Tewksbury Township	17	20	13	8	40	25
Union Township	22	22	1	2	16	11
West Amwell Township	11	8	1	0	13	14
Total	543	575	194	146	539	631

MERCER COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
East Windsor Township	13	16	1	1	9	8
Ewing Township	89	58	2	2	43	46
Hamilton Township	323	304	33	35	153	282
Hightstown Borough	31	25	22	17	35	42
Hopewell Borough	17	19	15	12	25	53
Hopewell Township	38	47	6	3	40	48
Lawrence Township	50	43	7	9	35	70
Pennington Borough	17	13	14	2	13	17
Princeton Borough	65	114	63	70	112	124
Princeton Township	41	12	0	1	8	5
Trenton City	3,477	3,295	1,231	891	1,706	2,631
Washington Township	15	16	3	5	17	21
West Windsor Township	17	13	3	0	11	20
Total	4,193	3,975	1,400	1,048	2,207	3,367

MIDDLESEX COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Cranbury Township	25	22	14	16	21	31
Dunellen Borough	54	45	27	12	45	53
East Brunswick Township	28	49	8	12	27	28
Helmetta Borough	25	18	6	8	6	3
Highland Park Borough	57	45	16	16	37	55
Jamesburg Borough	6	24	18	12	8	18
Madison Township	36	45	2	2	25	37
Metuchen Borough	47	38	44	23	37	56
Middlesex Borough	20	37	1	2	12	37
Milltown Borough	72	59	30	18	30	26
Monroe Township	16	23	3	2	9	24
New Brunswick City	971	1,098	479	401	524	845
North Brunswick Township	13	13	2	3	8	29
Perth Amboy City	1,793	1,749	537	359	601	1,048
Piscataway Township	77	81	12	12	71	76
Raritan Township	64	58	7	5	52	77
Roosevelt Borough	431	414	83	50	154	261
Sayreville Township	274	322	63	43	94	176
South Amboy City	239	180	76	72	113	270
South Brunswick Township	51	50	12	8	33	44
South River Borough	376	349	98	58	163	217
Spotswood Borough	16	9	3	11	16	10
Woodbridge Township	415	363	52	38	198	310
Total	5,106	5,091	1,593	1,183	2,284	3,731

MONMOUTH COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Allenhurst Borough	4	4	1	0	7	5
Allentown Borough	1	2	11	11	13	10
Asbury Park City	201	180	126	111	194	210
Atlantic Township	4	2	4	5	12	13
Atlantic Highlands Borough	27	28	17	25	22	22
Avon Borough	10	5	3	6	8	13
Belmar Borough	40	32	31	24	33	39
Bradley Beach Borough	33	38	27	15	35	28
Deal Borough	4	8	12	8	7	4
Eatontown Township	26	19	15	20	52	46
Englishtown Borough	14	6	6	4	14	17
Fair Haven Borough	15	14	8	3	24	29
Farmingdale Borough	12	7	12	6	10	21
Freehold Borough	69	62	43	30	74	87
Freehold Township	26	17	2	5	29	42
Highlands Borough	31	42	16	24	22	33
Holmdel Township	19	7	1	0	16	16
Howell Township	19	29	9	10	35	36
Keansburg Borough	11	23	8	8	9	18
Keyport Borough	84	79	62	50	62	82
Long Branch City	449	459	136	144	202	252
Manalapan Township	29	23	4	6	18	16
Manasquan Borough	32	45	28	20	28	32
Marlboro Township	18	13	11	9	18	29
Matawan Borough	36	35	23	15	28	47
Matawan Township	31	38	2	4	30	30
Middletown Township	79	101	44	46	94	129
Millstone Township	13	26	6	0	12	15
Monmouth Beach Borough	2	7	1	0	4	8
Neptune Township	134	123	34	36	104	144
Neptune City Borough	2	12	0	1	5	13
Ocean Township	16	13	5	5	41	33
Raritan Township	33	37	8	6	27	28
Red Bank City	152	167	115	99	161	210
Rumson Borough	34	33	14	15	23	27
Sea Bright Borough	12	10	4	4	8	14
Sea Girt Borough	1	1	3	3	0	6
Shrewsbury Township	20	20	6	15	32	41
Spring Lake Borough	80	80	13	14	26	35
Upper Freehold Township	51	40	11	8	24	34
Wall Township	50	51	33	20	46	49
West Long Branch	14	0	6	0	8	0
Total	1,928	1,938	921	835	1,617	1,983

MORRIS COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Boonton City	105	110	68	58	103	105
Boonton Township	11	7	1	1	9	20
Butler Borough	77	75	43	31	42	61
Chatham Borough	22	21	15	14	24	37
Chatham Township	13	9	0	3	10	12
Chester Township	19	19	5	1	20	22
Denville Township	24	20	5	2	15	15
Dover City	248	256	145	100	131	245
Florham Park Borough	7	9	0	0	10	17
Hanover Township	75	67	29	18	78	109
Jefferson Township	22	23	4	0	14	20
Madison Borough	98	93	38	18	68	94
Mendham Borough	23	20	9	7	17	15
Mendham Township	6	9	2	0	12	13
Montville Township	20	24	6	3	21	29
Morristown City	335	375	142	102	205	259
Morris Township	19	35	3	8	29	48
Mt. Arlington Borough	9	8	0	1	3	5
Mt. Olive Township	12	30	3	1	17	23
Netcong Borough	61	64	11	12	21	68
Passaic Township	30	40	22	10	26	31
Pequannock Township	39	48	15	15	25	49
Randolph Township	43	46	3	4	49	72
Rockaway Borough	62	51	39	26	28	71
Rockaway Township	59	52	2	3	56	89
Roxbury Township	92	60	30	13	53	91
Washington Township	20	22	11	11	29	21
Wharton Borough	75	75	14	11	59	95
Total	1,626	1,668	665	473	1,174	1,736

OCEAN COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Barnegat City Borough	6	0	2	3	8	2
Bay Head Borough	6	5	2	3	3	5
Beach Haven Borough	10	0	4	2	8	5
Berkeley Township	10	7	2	2	19	18
Brick Township	47	33	11	5	32	38
Dover Township	29	37	24	18	48	46
Eagleswood Township	5	1	5	8	3	6
Harvey Cedars Borough	0	0	0	0	1	0
Island Heights Borough	7	2	0	2	6	3
Jackson Township	16	10	5	2	18	23
Lacey Township	5	7	6	5	9	10
Lakewood Township	85	93	50	51	70	98
Lavalette Borough	2	1	0	0	1	1
Little Egg Harbor Township	7	5	1	1	5	6
Long Beach Township	2	2	0	0	1	6
Manchester Township	12	19	6	3	16	16
Mantoloking Borough	0	2	0	0	1	0
Ocean Township	8	3	2	0	10	9
Plumstead Township	23	19	14	16	12	26
Pt. Pleasant Beach Borough	14	15	12	19	12	11
Seaside Heights Borough	3	4	3	0	3	1
Seaside Park Borough	3	3	1	0	2	2
Stafford Township	9	3	8	4	9	5
Surf City Borough	0	0	0	0	0	0
Tuckerton Borough	15	11	11	8	13	18
Union Township	19	9	4	1	9	16
Total	343	291	173	153	319	371

PASSAIC COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Bloomingdale Borough	0	57	0	9	0	30
Clifton City	604	558	119	112	244	331
Haledon Borough	57	50	49	42	31	43
Hawthorne Borough	56	57	47	34	53	56
Little Falls Township	58	55	36	13	43	48
North Haledon Borough	30	13	1	3	15	11
Passaic City	2,396	2,289	1,223	801	855	1,147
Paterson City	3,207	3,095	1,500	1,085	1,898	2,669
Pompton Township	190	105	48	14	80	53
Pompton Lake Borough	31	58	40	33	38	60
Prospect Park Borough	93	98	24	11	34	50
Ringwood Borough	0	5	0	6	0	24
Totowa Borough	35	25	4	4	15	20
Wanaque Borough	0	62	0	6	0	41
Wayne Township	26	47	18	12	25	34
West Milford Township	49	37	19	11	48	38
West Paterson Borough	40	42	1	2	18	26
Total	6,872	6,653	3,119	2,198	3,397	4,681

SALEM COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Alloway Township	18	22	15	8	27	19
Elmer Borough	24	19	15	11	21	23
Elsinboro Township	3	7	1	2	7	5
Lower Alloways Creek Township	25	17	3	4	11	13
Lower Penns Neck Township	36	33	10	9	21	36
Mannington Township	21	25	12	9	19	32
Oldman Township	42	28	12	18	21	20
Penns Grove Borough	174	153	50	54	80	130
Pilesgrove Township	34	29	11	6	15	24
Pittsgrove Township	27	25	13	5	12	21
Quinton Township	28	16	7	7	14	18
Salem City	180	162	88	45	129	166
Upper Penns Neck Township	223	210	3	7	65	163
Upper Pittsgrove Township	23	46	7	6	19	23
Woodstown Borough	21	29	25	15	39	33
Total	879	821	262	206	500	726

SOMERSET COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Bedminster Township	28	17	12	6	15	21
Bernards Township	114	87	33	21	57	83
Bound Brook Borough	197	168	72	50	75	125
Branchburg Township	16	12	6	4	20	13
Bridgewater Township	63	39	5	7	26	50
Franklin Township	36	33	9	8	38	43
Hillsborough Township	104	99	19	12	54	75
Millstone Borough	3	3	2	0	5	10
Montgomery Township	15	25	4	6	37	44
North Plainfield	106	105	47	30	83	116
North Plainfield Township	5	6	0	0	9	23
Peapack-Gladstone Borough	36	28	6	10	13	16
Raritan Borough	132	100	26	14	39	65
Rocky Hill Borough	9	5	4	1	4	6
Somerville Borough	167	140	53	42	105	131
South Bound Brook Borough	43	30	7	5	31	34
Warren Township	4	4	2	8	15	8
Total	1,078	901	307	224	626	863

SUSSEX COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Andover Borough	9	5	3	3	11	10
Andover Township	7	7	0	0	7	5
Branchville Borough	11	11	7	4	13	17
Byram Township	8	9	0	0	6	12
Frankford Township	16	31	4	4	15	24
Franklin Borough	121	143	16	20	61	148
Fredon Township	4	3	0	0	6	10
Green Township	14	10	3	2	6	9
Hampton Township	10	13	4	4	3	10
Hardyston Township	45	47	34	14	33	66
Hopatcong Borough	5	2	3	2	1	2
Lafayette Township	16	12	5	3	10	18
Montague Township	7	8	5	4	8	6
Newton Township	72	77	45	36	71	108
Ogdensburg Borough	22	29	0	1	9	30
Sandyston Township	12	11	6	4	11	11
Sparta Township	21	12	10	7	27	18
Stanhope Borough	25	17	10	7	20	17
Stillwater Township	18	15	8	2	6	13
Sussex Borough	30	33	15	16	32	27
Vernon Township	38	35	9	7	29	28
Walpack Township	8	3	1	0	3	5
Wantage Township	24	25	6	4	30	14
Total	543	558	194	144	418	608

UNION COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Clark Township	13	9	0	0	7	8
Cranford Township	109	94	54	32	71	86
Elizabeth City	2,570	2,678	962	744	1,283	1,773
Fanwood Borough	7	7	6	2	10	12
Garwood Borough	62	58	2	2	22	24
Hillside Township	83	73	11	15	25	50
Kenilworth Borough	33	37	8	2	25	28
Linden Borough	60	47	18	14	46	42
Linden Township	124	115	5	11	37	92
Mountainside Borough	0	4	2	1	1	6
New Providence Borough	20	19	4	3	13	26
New Providence Township	18	16	1	4	17	25
Plainfield City	779	799	296	188	381	350
Rahway City	269	240	81	78	194	251
Roselle Borough	111	78	26	21	58	55
Roselle Park Borough	107	106	44	25	41	65
Scotch Plains Township	27	33	12	11	22	36
Springfield Township	34	23	13	3	25	32
Summit City	265	258	96	60	117	157
Union Township	71	63	14	12	58	62
Westfield City	170	158	61	49	93	148
Total	4,932	4,913	1,716	1,282	2,546	3,528

WARREN COUNTY.

NAME OF PLACE.	Births.		Marriages.		Deaths.	
	1917.	1918.	1917.	1918.	1917.	1918.
Alpha Borough	19	77	4	20	32	42
Allamuchy Township	87	14	32	3	16	1
Belvidere City	27	36	11	9	40	47
Blairstown Township	15	12	10	5	22	24
Franklin Township	36	36	5	6	21	52
Frelinghuysen Township	19	6	3	2	12	16
Greenwich Township	20	27	6	8	7	27
Hackettstown Town	68	66	27	18	46	59
Hardwick Township	10	5	4	3	4	9
Harmony Township	51	31	7	5	22	25
Hope Township	28	21	3	2	17	28
Independence Township	21	9	4	2	8	18
Knowlton Township	26	16	11	11	20	18
Lopatcong Township	8	13	0	0	6	17
Mansfield Township	14	12	7	7	14	22
Oxford Township	65	67	26	5	34	48
Pahaquarry Township	1	4	0	0	2	4
Phillipsburg City	388	370	148	133	204	357
Pohatcong Township	32	19	5	5	18	23
Washington Borough	37	51	26	23	63	71
Washington Township	12	15	1	3	11	12
White Township	25	23	2	1	18	21
Total	1,009	930	342	271	637	942

TABLE 2.—DEATHS IN THE COUNTIES OF NEW JERSEY AND IN EACH MUNICIPALITY OF LIST):

		State Total.	Atlantic County.	Atlantic City.	Bannonton.	Bergen County.	Englewood.	Garfield.	Hackensack.	Ridgewood.	Rutherford.	Burlington County.	Burlington City.	Camden County.
Typhoid fever	1	194	7	6		13			1	1	2	12		18
Typhus fever	2													
Relapsing fever	3													
Malaria	4	5				1			1					
Smallpox	5													
Measles	6	121	3	2		4						3		12
Scarlet fever	7	51				5	1	1				3	3	1
Whooping cough	8	280				9		2			1	3		16
Diphtheria and croup	9	448	13	1	10	18		3	1		1	16	4	31
Influenza	10	405	9	4	3	12	2	3	1	1	1	16		32
Miliary fever	11													
Asiatic cholera	12													
Cholera nostras	13	6												
Dysentery	14	49	1	1		4			1	1		3		
Plague	15													
Yellow fever	16													
Leprosy	17	1												
Erysipelas	18	75				2			1			2		5
Other epidemic diseases	19	19										1	1	
Purulent infection and septicæmia	20	71	1	1		7	1	2				1		3
Glanders	21													
Anthrax	22	6												1
Rabies	23	3												
Tetanus	24	49	1	1		2		1				1		8
Mycoses	25	1												
Pellagra	26	2												
Beriberi	27													
Tuberculosis of the lungs	28	3994	92	61	5	107	15	14	11	8	8	97	14	240
Acute miliary tuberculosis	29	152	4	3		6		2				3		10
Tuberculous meningitis	30	234	3	4		14					1	5		9
Abdominal tuberculosis	31	99	2	2		6		1	1			3		2
Pott's disease	32	40				3						1		3
White swelling	33	24				2		2				1		1
Tuberculosis of other organs	34	56	2	1		3				1				1
Disseminated tuberculosis	35	21	1	1		3		1				1	1	2
Rickets	36	42				1					1	3		2
Syphilis	37	166	7	4		6	1	1	1			9	1	14
Gonococcus infection	38	18	1									1		3
Cancer and other malignant tumors of the buccal cavity	39	109	3	2		7	1		1			6	1	8
Cancer and other malignant tumors of the stomach, liver	40	915	21	13	1	53	4	2	6	2	3	32	4	48
Cancer and other malignant tumors of the peritonæum, intestines, rectum	41	391	9	7		25	2			1	1	9	2	24
Cancer and other malignant tumors of the female genital organs	42	367	15	11	1	17	1	1		2	2	14	2	26
Cancer and other malignant tumors of the breast	43	280	7	7		21		1	3	1	1	11	1	14
Cancer and other malignant tumors of the skin	44	67	2			4	3		1			1		6
Cancer and other malignant tumors of other organs or of organs not specified	45	396	13	10	1	27	2	2	4		1	12	1	36
Other tumors (tumors of the female genital organs excepted)	46	10	1	1										
Acute articular rheumatism	47	173	4	2	1	7								
Chronic rheumatism and gout	48	42	1	1		3					1	3	1	11
Scurvy	49	3				1						1		5
Diabetes	50	623	13	9		43	3		3	2	1	10		35
Exophthalmic goitre	51	33	1	1		1			1			2		2
Addison's disease	52	11												1
Leuchæmia	53	58	2	1		2		1	1					4

5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL 1917.

	Camden City.	Gloucester City.	Cape May County.	Cumberland County.	Bridgeton.	Millville.	Vineland.	Essex County.	Bloomfield.	East Orange.	Irvington.	Montclair.	Newark.	Nutley.	Orange.	South Orange.	West Orange.	Gloucester County.	Hudson County.	Bayonne.	Guttenberg.	Harrison.	Hoboken.	Jersey City.
	14	1	1	6	1		1	23				1	16	1	2			3	25	1		1	5	11
																			1					1
	12		1	3	1	1		16		2	1	1	6				1	1	42	3		1	7	35
	11	3	1	8	2	4	1	82	3	1	4	3	64	1	4	2	1	10	55	4		1	3	29
	29		1	8	2	3		83		3	2	1	54	6	4		3	8	102	3		2	7	67
	18	3	1	15	2	3	3	65	1	4	1	6	42		4		2	3	69	9	1	1	11	37
				1	1			5					4	1				1	11	5		1		1
																		4						3
	4			1				17				1	14		2			2	19	5			3	6
								9			1		7		1				4					2
	3			1		1		18	1	1			10	1	2		2		11	1		1	2	4
								2					1											
	6	1						9	1				1	4			1	2	8	2			1	3
								1		1				1										
								1																
	164	18	22	60	11	16	8	995	22	34	22	23	733	11	64	6	23	40	1010	95	11	18	143	549
	8			4	2		1	33	2	1	1		25	1		1	1		45	2	3		6	26
	4			4	2		1	36		4	2	2	40		3	1	1	2	59	7	3	1	9	25
	6			2				22		1			18					3	19		1		1	12
	2							18	1		1		14		2				6			1	2	
	1		1					4					3				1		6	1		1	1	13
	1	1		1				9				1	6		2				13			1	2	13
	2							3					2						5				2	3
	10		1	6		5		9	1				7		1			1	11	1			1	8
	3			1	1			32	2		1	2	21		5			2	44	7			2	26
								6				1	4			1			1				1	
	4		1	1				27	1	1			21		2			2	16	1		1	1	7
	33	4	6	14	3	2	2	187	8	13	5	5	126	1	9	3	4	13	158	15		4	22	71
	17	2	1	11	5	1		97	2	10	5	8	50	2	6		1	6	64	6		1	14	32
	19	1	5	9	3	2	1	68	3	9		3	43	2	4			4	68	3	1	3	9	35
	8		2	8	1	2	4	69		12	1	4	45		3	1		3	48	3			2	35
	3		1	5	3	1		12		3			5		1		1		9			1	1	5
	25		1	8	1	4	1	84		9	3	4	49		5		2	6	80	12	1		12	37
								2					2											
	7		1					51	1	2		2	42				1		4					3
	3		1	4	1		2	1											51	7		2	4	24
																			5			1	1	2
																			1	1				
	23	3	5	18	2	5	4	143	7	7	3	7	95	2	11	3	1	8	137	7	4	1	21	66
	2							11		1			8		1			1	7	1			2	1
	1			1		1		1					1		1				1					1
	1							12	1			2	7	1					6	1				4

TABLE 2.—DEATHS IN THE COUNTIES OF NEW JERSEY AND IN EACH MUNICIPALITY OF LIST): 1917

		Kearny.	Town of Union.	West Hoboken.	West New York.	Hunterdon County.	Mercer County.	Princeton.	Trenton.	Middlesex County.	New Brunswick.	Perth Amboy.	Roosevelt.	South Amboy.
Typhoid fever	1		3	1		3	9		8	13	5	1	2	
Typhus fever	2													
Relapsing fever	3													
Malaria	4									1	1			
Smallpox	5													
Measles	6				2		3		3	6	4			1
Scarlet fever	7				12	1	1			2	1	1		
Whooping cough	8	1		3	7		10		10	7	1	1		
Diphtheria and croup	9	2	2	2	10	1	34		31	31	6	9		1
Influenza	10	4	2	12	1	6	15		9	15	2	3	1	1
Miliary fever	11													
Asiatic cholera	12													
Cholera nostras	13				1		1		1	1		1		
Dysentery	14				1	1	2		2					
Plague	15													
Yellow fever	16													
Leprosy	17													
Erysipelas	18		1		2	1	2		2	6	2	2	1	
Other epidemic diseases	19			1			2		2					
Purulent infection and septichæmia	20			1		1	7		4	5	4			
Glanders	21													
Anthrax	22													
Rabies	23				1									
Tetanus	24		1		1		7		5	4				
Mycoses	25													
Pellagra	26						1	1						
Beriberi	27													
Tuberculosis of the lungs	28	29	27	48	30	29	246	14	194	168	43	46	6	8
Acute miliary tuberculosis	29		1	2	1	1	11		10	4	1	1		
Tuberculous meningitis	30	2	1	5	4	2	15		13	13	4	4		
Abdominal tuberculosis	31		1		1	4	7		7	2	1	1		
Pott's disease	32			3			1		1	2	2			
White swelling	33					1	2		2	2		1		
Tuberculosis of other organs	34			3			1		1	8	1	4		
Disseminated tuberculosis	35						1	1		1		1		
Rickets	36			1			5		4	1	1			
Syphilis	37	1			2	1	7	1	6	6	2	1	1	
Gonococcus infection	38						1		1	1				
Cancer and other malignant tumors of the buccal cavity	39	1	1	2	1		7		4	4	1	1		
Cancer and other malignant tumors of the stomach, liver	40	7	5	15	10	18	47	6	31	36	9	13	2	4
Cancer and other malignant tumors of the peritonæum, intestines, rectum	41	4	3	2	1	7	21	2	17	13	4	2		
Cancer and other malignant tumors of the female genital organs	42	3	5	2	3	6	24	2	21	10	3	1	2	1
Cancer and other malignant tumors of the breast	43	1		1	3	9	15		10	14	3	3		3
Cancer and other malignant tumors of the skin	44					1	1		1	1				
Cancer and other malignant tumors of other organs or of organs not specified	45	3	4	4	2	2	20		17	14	4	3	1	2
Other tumors (tumors of the female genital organs excepted)	46			1			1		1					
Acute articular rheumatism	47		2	5	1	1	8		7	9	5	1		
Chronic rheumatism and gout	48					2	2		2	1				
Scurvy	49													
Diabetes	50	5	8	8	7	11	24		20	23	7	8		3
Exophthalmic goitre	51				1		1		1	2			2	
Addison's disease	52					1	3		3	1			1	
Leuchæmia	53			1		1				8		2	1	

5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL —*Continued.*

	Monmouth County.	Asbury Park.	Long Branch.	Red Bank.	Morris County.	Dover.	Morristown.	Ocean County.	Passaic County.	Passaic City.	Paterson.	Salem County.	Salem City.	Somerset County.	North Plainfield.	Somerville.	Sussex County.	Union County.	Elizabeth.	Plainfield.	Rahway.	Summit.	Westfield.	Warren County.	Phillipsburg.
	14	1	2	1	5		1	1	22	2	6	3		8	1	1	1	8	5		1			1	1
																		1		1				1	1
	3	2			2				7		5	4	4	1			5	6	1				1	2	1
	4						1		1		1							5	5					1	1
	8		1		13	6	3		18	2	12	11		3			15	12	7	1	3			1	1
	12		1	1	3			2	28	20	15	1	3	1			2	38	17	7		6	1	5	4
	33	2	4	4	18	1		8	21	6	7	7		5	2		5	23	13	2	3			17	6
	5				2			1	2		2			1			1	4		1				1	
	2				3	2		1	7		4			1		1		1	1					3	1
	3																								
					1			1	5	2	3	1		1		1		7	3	2		1			
	2																								
	1				1				2		1			2		2		1		1					
	97	10	10	12	68	9	12	16	303	92	171	34	11	42		11	14	220	136	29	11	8	7	34	11
	6	2	2	1	1	1			15	3	9	1					2	5	3	1			1	1	1
	3			2	2		1	1	20	12	3			3	1			19	13	2			2	2	
	3	1			3	1	1		8		6			2		1		5	3		1			1	1
									1		2						1	3	2	1					
									1		1							2	1						
	1			2			1	9	3		4							5	3	1					
	1								1		1							1		1					
					1			1	3	1	1							4	3			1		1	
	9	1	1	1	7	1	1		4		3	2	2	1		1		6	4	1				1	
	2	1	1						1		1														
	3			1	3		1		5	2	2	1	1	3		1	1	9	4	1	1	2	1	2	
	31	6	1	2	27	7	6	9	98	23	50	6		20	3	2	12	70	31	12	4	5	1	9	3
	16	3	2	2	17	2	2	4	29	5	22	4	1	6	1		2	23	8	6	1	2	1	3	1
	14	1	1	1	11		4	3	24	5	14	6	3	7	1	2	4	26	10	6	4	1		6	2
	12	2		2	8		4	1	17	1	12	1		3	1		2	15	8	6					
	4				3				3		1	1	1	5		2	2	4	1	3				2	1
	8			4	9	1	2	3	30	5	18	3	1	9	2	2	4	25	12	3	1	3	1	2	
																		2	2						
	6	1			2		2		8	3	1	4	3	1	1			3	3					1	1
	6		2	1			1		3	1	2	1					1	1	1					3	
									1		1														
	28	3	3	1	18	1	5	2	37	9	23	5	3	9		2	6	38	15	6	4	1	1	10	4
					3		1		1		1					1									
	1		1						1		1														
	1				4			2	3	2	1			1		1	1	10	4	3	1				

TABLE 2.—DEATHS IN THE COUNTIES OF NEW JERSEY AND IN EACH MUNICIPALITY OF LIST): 1917

		State Total.	Atlantic County.	Atlantic City.	Hammonton.	Bergen County.	Englewood.	Garfield.	Hackensack.	Ridgewood.	Rutherford.	Burlington County.	Burlington City.	Camden County.
Anæmia, chlorosis	54	123	3	1	...	10	...	...	2	4	...	2	...	12
Other general diseases	55	40	3	...	...	2	...	...	...	...	...	1	...	1
Alcoholism (acute or chronic)	56	142	6	6	...	3	...	...	...	...	...	2	2	9
Chronic lead poisoning	57	9	...	...	...	1	1	...	...	...	...	...	...	2
Other chronic occupation poisonings	58	1	...	...	...	...	...	...	...	...	...	...	...	...
Other chronic poisonings	59	2	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis	60	30	...	...	...	3	1	...	...	...	...	...	...	2
Simple meningitis	61	289	6	5	...	11	...	...	2	...	1	3	2	12
Locomotor ataxia	62	39	1	1	...	4	...	...	2	...	1	1	...	4
Other diseases of the spinal cord	63	187	4	2	...	10	...	...	...	...	...	4	...	16
Cerebral hæmorrhage, apoplexy	64	2697	74	36	7	156	9	1	25	11	7	92	12	202
Softening of the brain	65	36	1	...	...	3	...	...	...	...	...	3	...	3
Paralysis without specified cause	66	196	6	5	1	15	1	...	2	...	...	8	2	10
General paralysis of the insane	67	242	15	7	2	12	...	2	1	...	1	6	2	22
Other forms of mental alienation	68	68	2	1	...	2	...	1	1	...	...	1	...	4
Epilepsy	69	115	4	3	...	6	...	2	...	...	...	1	...	13
Convulsions (nonpuerperal)	70	7	...	...	...	1	...	...	...	...	...	...	...	...
Convulsions of infants	71	90	1	1	...	7	...	2	1	...	...	4	...	1
Chorea	72	3	...	...	...	...	...	...	...	...	...	...	...	...
Neuralgia and neuritis	73	17	...	...	...	1	...	...	...	...	...	...	...	...
Other diseases of the nervous system	74	101	2	2	...	7	2	...	1	1	...	2	1	7
Other diseases of the eyes and their adnexa	75	1	...	...	...	...	...	...	...	...	...	...	...	...
Diseases of the ears	76	51	2	1	...	6	1	...	...	...	...	4	...	3
Pericarditis	77	21	1	1	...	...	...	...	...	...	...	...	...	...
Acute endocarditis	78	343	4	4	...	17	...	2	2	2	1	12	1	19
Organic diseases of the heart	79	5051	117	72	8	287	18	16	32	14	18	132	15	324
Angina pectoris	80	218	8	4	...	9	1	...	...	...	1	13	...	11
Diseases of the arteries, atheroma aneurysm, etc.	81	529	12	6	...	15	...	...	1	...	...	11	...	27
Embolism and thrombosis	82	135	4	2	1	5	1	1	...	1	1	2	...	4
Diseases of the veins (varices, hæmorrhoids, phlebitis, etc.)	83	20	...	...	...	2	...	...	...	...	...	...	...	1
Diseases of the lymphatic system (lymphangitis, etc.)	84	19	1	1	...	1	...	1	...	...	...	...	...	1
Hæmorrhage; other diseases of the circulatory system	85	10	...	...	...	1	...	...	...	1	...	...	...	...
Diseases of the nasal fossæ	86	2	...	...	...	...	...	...	...	...	...	...	...	...
Diseases of the larynx	87	36	...	...	...	1	...	...	...	...	...	2	1	2
Diseases of the thyreoid body	88	10	...	...	...	1	...	...	...	...	...	...	...	1
Acute bronchitis	89	385	10	5	4	19	...	2	3	1	...	8	3	8
Chronic bronchitis	90	148	1	1	...	9	...	...	3	...	...	1	1	6
Bronchopneumonia	91	1647	38	26	1	93	4	10	12	1	3	38	5	129
Pneumonia	92	3654	73	41	9	215	17	18	26	14	13	109	15	267
Pleurisy	93	143	3	...	1	6	1	1	1	...	1	3	1	4
Pulmonary congestion, pulmonary apoplexy	94	88	3	2	...	4	...	...	2	...	...	2	...	7
Gangrene of the lung	95	11	...	...	...	1	...	...	1	...	...	...	...	...
Asthma	96	60	1	1	...	...	...	...	...	...	...	1	...	6
Pulmonary emphysema	97	9	...	...	...	...	...	...	...	...	...	...	...	...
Other diseases of the respiratory system (tuberculosis excepted)	98	42	...	...	...	...	...	...	...	...	...	...	...	1
Other diseases of the mouth and annexa	99	23	1	...	...	1	...	...	...	...	...	1	...	3
Diseases of the pharynx	100	70	1	1	...	3	...	1	...	...	...	1	1	2
Diseases of the œsophagus	101	8	...	...	...	...	...	...	...	...	...	...	...	...
Ulcer of the stomach	102	130	3	3	...	2	2	...	...	...	...	1	...	9
Other diseases of the stomach (cancer excepted)	103	256	5	3	...	9	...	2	1	...	...	13	3	16
Diarrhœa and enteritis (under 2 years)	104	2335	44	24	5	116	4	38	6	1	...	53	7	176

5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL —*Continued.*

	Camden City.	Gloucester City.	Cape May County.	Cumberland County.	Bridgeton.	Millville.	Vineland.	Essex County.	Bloomfield.	East Orange.	Irvington.	Montclair.	Newark.	Nutley.	Orange.	South Orange.	West Orange.	Gloucester County.	Hudson County.	Bayonne.	Guttenberg.	Harrison.	Hoboken.	Jersey City.
	11	...	...	1	...	1	...	19	...	...	...	2	12	...	1	1	1	1	17	...	1	...	1	12
	1	...	...	1	...	1	...	5	...	...	...	...	4	...	1	...	...	...	8	1	...	1	5	1
	9	...	...	1	...	...	...	12	1	...	...	...	17	...	1	...	1	...	13	...	...	1	3	12
	2	...	...	...	...	...	...	12	...	...	1	...	1	...	...	...	...	...	1	1	...	...	...	...
	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	2	...	...	1	...	1	...	5	...	...	...	...	5	...	...	...	...	...	3	...	...	...	...	...
	8	1	...	1	1	3	3	19	2	1	2	...	51	1	3	1	1	1	88	3	...	1	14	45
	2	...	...	2	...	...	1	12	1	...	...	...	10	...	...	...	...	...	11	...	...	...	...	8
	9	...	1	1	3	...	1	39	2	1	1	2	26	...	3	1	1	1	23	...	...	...	1	8
	120	16	20	65	21	17	4	500	12	43	18	16	312	5	29	10	14	43	443	51	1	12	41	245
	2	...	1	...	...	...	...	7	...	1	...	...	5	...	1	...	...	...	4	...	...	...	...	2
	3	1	6	9	7	2	...	24	...	1	...	1	13	1	2	...	...	4	17	3	1	...	2	9
	15	3	1	1	...	...	...	12	1	6	3	1	40	...	2	...	...	...	50	4	1	2	9	18
	2	...	...	1	1	...	...	12	...	1	1	1	8	...	1	...	...	...	15	1	...	1	1	15
	8	3	1	5	1	...	2	19	1	1	...	...	10	...	1	...	...	2	4	19	...	1	1	11
	...	...	...	1	...	...	...	2	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...
	1	...	1	4	2	1	...	10	...	5	1	...	3	...	...	...	...	1	17	...	1	...	...	8
	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
	5	...	2	4	2	...	1	18	1	1	...	1	11	1	...	...	...	1	6	...	...	...	...	5
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	11	1	...	...	1	5
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1	...	...	...	...	...	...	3	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	1
	...	...	...	...	...	...	...	3	1	...	...	...	5	...	1	...	...	1	13	1	1	...	1	6
	10	1	2	3	1	1	...	75	1	7	1	3	51	1	3	...	...	4	85	11	4	1	4	24
	227	13	43	103	39	17	11	1070	42	71	42	39	695	21	58	7	15	74	1055	86	10	24	154	572
	7	...	1	8	2	...	1	42	4	7	1	5	16	...	4	1	...	4	24	...	...	...	4	16
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	14	3	7	29	6	4	6	107	3	11	3	6	68	...	3	...	...	12	71	1	...	2	6	45
	3	...	1	1	1	...	...	27	...	4	1	...	15	1	3	2	...	3	43	10	...	1	...	23
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1	...	...	1	...	...	...	5	...	1	...	...	4	...	...	...	...	...	6	1	...	...	1	1
	1	...	...	...	...	...	...	5	...	1	...	1	3	...	...	...	...	...	3	2	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	2	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	1	2	...	...	...	...	2
	...	1	...	...	...	...	...	9	1	...	...	...	6	...	2	...	...	1	...	...	...	...	...	...
	1	...	1	...	...	...	...	4	...	...	1	...	3	...	...	...	...	...	1	...	1	...	...	1
	2	1	...	5	2	1	...	108	3	3	3	2	92	2	1	...	1	6	100	19	...	7	4	58
	3	...	4	2	...	1	...	33	1	1	1	2	25	1	1	...	...	4	40	3	...	1	3	23
	95	14	7	32	4	8	2	202	8	7	3	15	188	8	12	3	5	16	388	31	6	10	44	205
	214	17	20	73	28	12	13	733	20	34	12	39	511	10	38	9	20	45	802	70	6	17	128	429
	...	...	...	1	...	...	...	37	...	...	1	1	29	...	1	...	2	1	37	6	1	...	4	24
	4	1	1	4	...	2	1	14	1	2	2	...	6	...	2	...	1	3	18	1	2	1	3	10
	...	...	...	...	...	...	...	4	...	...	1	...	3	...	...	...	...	...	2	...	1	...	...	1
	4	...	1	2	...	2	...	16	...	...	...	...	14	...	1	...	1	1	13	...	...	1	...	8
	...	...	...	...	...	...	...	2	...	...	...	...	2	...	...	...	...	1	3	...	...	...	1	2
	1	...	...	1	...	1	...	6	1	...	...	1	4	...	...	...	...	...	15	...	1	1	1	8
	2	...	...	...	...	...	...	5	...	1	...	...	3	...	1	...	...	1	3	...	1	1	...	1
	1	1	...	3	...	2	1	12	...	1	...	1	15	1	6	...	1	1	14	2	...	1	...	8
	...	...	...	...	...	...	...	3	...	...	...	...	3	...	...	...	...	...	3	...	...	...	...	2
	8	...	1	3	...	1	1	34	2	1	1	...	25	...	2	...	1	4	29	8	...	2	3	15
	7	1	...	14	6	1	3	24	...	1	...	5	15	...	1	...	...	8	34	6	...	1	8	14
	138	15	4	21	4	8	2	404	12	7	6	7	334	6	15	...	4	26	312	73	...	23	59	275

TABLE 2.—DEATHS IN THE COUNTIES OF NEW JERSEY AND IN EACH MUNICIPALITY OF LIST): 1917

		Kearny.	Town of Union.	West Hoboken.	West New York.	Hunterdon County.	Mercer County.	Princeton.	Trenton.	Middlesex County.	New Brunswick.	Perth Amboy.	Roosevelt.	South Amboy.
Anæmia, chlorosis	54	2	1	2	1	1	3	1	2	8	1	2		2
Other general diseases	55					1	2		2	2				
Alcoholism (acute or chronic)	56	2	1		1	1	6	1	5	20	3	7		
Chronic lead poisoning	57													
Other chronic occupation poisonings	58													
Other chronic poisonings	59													
Encephalitis	60	1		1			2		2	2	1			
Simple meningitis	61	3	1	4	2	1	12		10	26	6	9	2	
Locomotor ataxia	62		1				4	1	2	3	1	2		
Other diseases of the spinal cord	63	1	4			5	15		8	5	2			1
Cerebral hæmorrhage, apoplexy	64	10	15	27	8	63	149	11	110	99	26	21	1	5
Softening of the brain	65	2				1	1		1	1				
Paralysis without specified cause	66	1	1			4	10		6	14	6	4		
General paralysis of the insane	67	1	1	5	2	1	9		8	6	4	2		
Other forms of meutal alienation	68	2		1		1	2		2					
Epilepsy	69	1		1		3	6		4	9	2	3		
Convulsions (nonpuerperal)	70						1		1					
Convulsions of infants	71	1		2		2	5	2	3	14	2	8		
Chorea	72													
Neuralgia and neuritis	73	1				2								
Other diseases of the nervous system	74	1		1		2	6		5	6	3	2		
Other diseases of the eyes and their adnexa	75													
Diseases of the ears	76	1		2	1		2	2	1					
Pericarditis	77						1		1	3				1
Acute endocarditis	78	1	1	7	1	4	24	1	18	18	4	10		
Organic diseases of the heart	79	28	46	59	40	66	195	10	149	204	52	54	7	13
Agina pectoris	80			3	1	12	26	1	20	8	1	2		3
Diseases of the arteries, atheroma aneurysm, etc.	81	3	7	5	1	16	28	2	18	13	6	1		1
Embolism and thrombosis	82	1	2	2	1	3	3		2	3		1		
Diseases of the veins (varices, hæmorrhoids, phlebitis, etc.)	83			1	2					1				
Diseases of the lymphatic system (lymphangitis, etc.)	84		1											
Hæmorrhage; other diseases of the circulatory system	85						1			1				
Diseases of the nasal fossæ	86													
Diseases of the larynx	87	2	1		1	2	1		1	2	1			
Diseases of the thyreoid body	88						1		1					
Acute bronchitis	89	2	2	5	1	8	11		6	26	4	5	4	1
Chronic bronchitis	90	2	2	1	1	2	4		3	4		2		
Bronchopneumonia	91	8	5	24	11	11	99	4	79	104	27	25	14	3
Pneumonia	92	19	19	48	27	45	184	4	144	163	36	37	13	6
Pleurisy	93			1	1	1	3		3	10	1	2	1	
Pulmonary congestion, pulmonary apoplexy	94		1				1		1	3	2			
Gangrene of the lung	95									1				
Asthma	96	1		2			2		2	4	1	1		
Pulmonary emphysema	97													
Other diseases of the respiratory system (tuberculosis excepted)	98		1	2		3	2		2					
Other diseases of the mouth and annexa	99						4	1	2	1				
Diseases of the pharynx	100	1			1	1	3		3	4		2		
Diseases of the œsophagus	101													
Ulcer of the stomach	102	1				1	7	1	4	3		2		
Other diseases of the stomach (cancer excepted)	103	1	4			4	9	1	7	21	7	2	5	
Diarrhœa and enteritis (under 2 years)	104	10	9	23	14	12	116	3	97	267	41	80	36	7

5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL —*Continued.*

	Monmouth County.	Asbury Park.	Long Branch.	Red Bank.	Morris County.	Dover.	Morristown.	Ocean County.	Passaic County.	Passaic City.	Paterson.	Salem County.	Salem City.	Somerset County.	North Plainfield.	Somerville.	Sussex County.	Union County.	Elizabeth.	Plainfield.	Railway.	Summit.	Westfield.	Warren County.	Phillipsburg.

TABLE 2.—DEATHS IN THE COUNTIES OF NEW JERSEY AND IN EACH MUNICIPALITY OF LIST): 1917

	State Total.	Atlantic County.	Atlantic City.	Hammonton.	Bergen County.	Englewood.	Garfield.	Hackensack.	Ridgewood.	Rutherford.	Burlington County.	Burlington City.	Camden County.
Diarrhœa and enteritis (2 years and over) 105	397	19	9	2	26	...	1	3	2	1	10	...	16
Ankylostomiasis 106	6												
Intestinal parasites 107	1												
Appendicitis and typhlitis 108	291	5	2	1	19	1	2	2	2		6	...	11
Hernias, intestinal obstructions 109	253	12	8	...	21	1	1	3	1	...	7	...	18
Other diseases of the intestines 110	97	5	4	...	8	1	1	1	...	1	2	...	2
Acute yellow atrophy of the liver 111	13	1	1	...	1	...	1	...	...	...	...	...	3
Hydatid tumor of the liver 112	1	...	...	...	...	...	...	...	...	...	...	...	...
Cirrhosis of the liver 113	439	12	10	...	21	4	3	2	1	...	13	...	27
Biliary calculi 114	80	1	...	...	4	...	...	1	...	...	3	...	4
Other diseases of the liver 115	96	3	1	1	6	1	...	...	...	1	...	...	4
Diseases of the spleen 116	3	...	...	...	...	...	...	...	...	...	...	...	...
Simple peritonitis (nonpuerperal) 117	14	...	...	...	1	...	...	...	...	1	...	...	2
Other diseases of the digestive system (cancer and tuberculosis excepted) .. 118	25	4	2	...	2	1	...	1	...	...	...	...	1
Acute nephritis 119	353	16	8	1	12	3	1	1	1	...	11	...	28
Bright's disease 120	3823	112	78	3	193	16	6	18	17	10	134	13	281
Chyluria 121	...	...	...	...	...	...	...	...	...	...	...	...	...
Other diseases of the kidneys and annexa 122	49	...	...	...	3	...	...	...	...	...	1	...	3
Calculi of the urinary passages 123	16	...	...	...	2	...	...	...	...	...	2	1	1
Diseases of the bladder 124	48	...	...	...	2	...	1	...	...	1	1	...	2
Other diseases of the urethra, urinary abscess, etc. 125	8	...	...	...	...	...	...	...	...	...	...	...	...
Diseases of the prostate 126	75	3	1	...	7	...	...	2	...	1	1	...	6
Nonvenereal diseases of the male genital organs 127	5	...	...	...	1	...	...	...	...	...	...	...	...
Uterine hæmorrhage (nonpuerperal) ... 128	2	...	...	...	...	...	...	...	...	...	...	...	...
Uterine tumor (noncancerous) 129	60	...	...	...	4	...	...	1	...	1	2	1	3
Other diseases of the uterus 130	19	...	...	...	...	...	...	...	...	...	...	...	...
Cysts and other tumors of the ovaries .. 131	29	2	2	...	3	1	...	1	...	1	2	...	1
Salpingitis and other diseases of the female genital organs 132	47	1	1	...	8	...	...	1	...	1	2	...	4
Nonpuerperal diseases of the breast (cancer excepted) 133	1	...	...	...	...	...	...	...	...	...	...	...	...
Accidents of pregnancy 134	36	2	2	...	2	...	...	...	...	...	1	1	...
Puerperal hæmorrhage 135	44	1	1	...	1	...	1	...	...	...	...	...	2
Other accidents of labor 136	43	2	2	...	1	...	...	...	...	...	2	1	1
Puerperal septichæmia 137	150	4	6	...	11	1	1	1	...	1	2	...	16
Puerperal albuminuria and convulsions 138	115	6	2	...	6	1	...	2	...	...	3	1	4
Puerperal phlegmasia alba dolens, embolus, sudden death 139	22	2	1	...	...	...	...	...	...	...	1	...	1
Following childbirth (not otherwise defined) 140	1	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal diseases of the breast 141	...	...	...	...	...	...	...	...	...	...	...	...	...
Gangrene 142	61	3	1	...	2	...	...	...	...	...	3	...	7
Furuncle 143	17	...	...	...	...	...	...	...	...	...	1	...	2
Acute abscess 144	39	...	...	...	5	...	1	2	...	...	...	...	3
Other diseases of the skin and annexa .. 145	23	...	...	...	...	...	...	...	...	...	...	...	...
Diseases of the bone (tuberculosis excepted) 146	77	2	1	1	2	...	...	...	...	...	...	...	...
Diseases of the bone (tuberculosis and rheumatism excepted) 147	10	...	...	...	1	...	...	...	...	...	...	...	1
Amputations 148	...	...	...	...	...	...	...	...	...	...	...	...	...
Other diseases of the organs of locomotion 149	6	...	...	...	...	...	...	...	...	...	...	...	...
Congenital malformations (stillbirths not included) 150	559	24	17	3	26	1	2	2	...	...	10	1	60

5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL —*Continued.*

Camden City.	Gloucester City.	Cape May County.	Cumberland County.	Bridgeton.	Millville.	Vineland.	Essex County.	Bloomfield.	East Orange.	Irvington.	Montclair.	Newark.	Nutley.	Orange.	South Orange.	West Orange.	Gloucester County.	Hudson County.	Bayonne.	Guttenberg.	Harrison.	Hoboken.	Jersey City.
12	1	7	7	1	2	...	61	2	4	1	1	43	...	2	3	3	7	90	14	...	3	8	51
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	1	9	1	4	2	62	2	1	1	3	48	1	2	...	1	4	66	9	...	1	8	42
13	...	1	9	3	4	...	41	4	3	1	...	28	1	2	...	...	2	38	2	...	...	11	24
1	1	...	1	1	...	...	15	1	1	1	...	8	...	1	...	1	2	16	2	...	1	3	12
2	...	1	...	...	...	...	3	...	...	...	1	2	...	...	...	...	...	1	...	...	...	...	1
...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
17	...	3	3	1	...	1	92	3	2	3	2	73	1	3	...	...	3	120	14	...	4	14	59
4	...	...	2	...	1	1	25	1	4	1	1	13	...	2	...	2	...	17	3	...	1	2	7
3	1	1	6	3	2	...	16	...	1	...	...	10	...	2	...	1	2	24	4	1	1	...	3
...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	1	...	...	...	1	...
1	...	...	...	...	...	...	3	1	1	...	...	1	...	...	...	...	...	2	...	...	...	...	...
1	...	...	...	...	...	...	6	...	...	...	...	6	...	...	...	...	...	4	2	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	1	9	3	6	...	64	1	2	2	4	46	1	1	2	2	5	74	5	...	2	16	37
174	14	27	56	25	10	7	879	32	58	30	28	613	5	47	5	14	52	814	58	6	23	10	432
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	1	...	...	...	10	...	...	1	1	5	1	...	2	...	...	12	...	...	...	1	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	5	...	1	...	...	4	...	...	...	...	...	3	1	...	...	...	1
1	1	...	1	1	...	...	11	...	1	...	...	6	1	...	...	...	...	11	...	1	...	...	9
...	...	...	...	...	...	...	5	...	...	...	...	4	...	...	...	...	...	2	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	3	2	...	...	16	...	...	2	...	1	6	...	3	...	3	9	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	1	2	...	...	...	13	...	...	1	...	10	...	1	...	1	3	11	1	...	...	3	4
2	...	...	...	...	...	...	5	...	...	1	...	3	...	...	...	...	...	5	2	...	...	...	2
3	...	1	...	...	...	...	4	...	1	...	...	2	...	...	...	...	...	2	...	...	...	...	2
1	1	...	...	...	...	...	12	...	1	1	...	10	...	...	...	...	...	9	1	...	...	2	5
...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
...	...	...	1	...	...	...	6	...	...	...	...	4	...	...	...	3	1	10	1	1	1	...	5
2	...	...	1	1	...	...	10	1	...	...	...	9	...	...	...	...	1	12	2	...	1	1	5
1	...	1	1	...	1	...	7	...	...	1	...	5	...	...	...	...	1	13	1	...	...	1	2
14	1	...	...	...	...	...	21	...	1	1	1	14	...	1	...	2	2	37	2	...	1	5	20
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
3	...	...	6	1	1	3	19	...	1	1	...	14	...	1	...	1	2	23	4	...	...	1	13
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	6	2	...	...	...	3	1	...	...	...	...	5	...	...	...	1	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	1	1	2	...	2	...	8	...	...	...	...	5	...	...	...	...	1	9	...	...	1	...	8
1	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	11	...	...	...	2	6
2	...	...	...	...	...	...	7	...	...	...	...	7	...	...	...	...	...	11	...	...	...	...	5
...	...	...	...	...	...	...	4	...	...	...	1	3	...	...	...	...	...	3	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	1	2	...	1	...	22	...	...	1	2	12	1	2	...	1	...	19	...	...	1	3	10
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	2	...	...	...	1	1	...	...	...	...	...	3	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	N.	...	1	...	...	...	...	...	...
43	4	5	15	6	4	1	84	7	6	1	1	50	2	4	4	4	6	123	19	1	2	5	60

TABLE 2.—DEATHS IN THE COUNTIES OF NEW JERSEY AND IN EACH MUNICIPALITY OF LIST): 1917

	Kearny.	Town of Union.	West Hoboken.	West New York.	Hunterdon County.	Mercer County.	Princeton.	Trenton.	Middlesex County.	New Brunswick.	Perth Amboy.	Roosevelt.	South Amboy.
Diarrhœa and enteritis (2 years and over) 105	3	6	7	1	5	21	1	16	30	8	6	1	4
Ankylostomiasis 106													
Intestinal parasites 107													
Appendicitis and typhlitis 108	1	4	5	1	2	13	2	10	7	1	2	1	1
Hernias, intestinal obstructions 109	3	1	3	4	3	9		9	7	1	1	1	
Other diseases of the intestines 110	2	1			1	9		9	4	1	2		
Acute yellow atrophy of the liver 111													
Hydatid tumor of the liver 112													
Cirrhosis of the liver 113	1	7	11	3	2	26		21	8	1	3		
Biliary calculi 114			1	2	1	2	1	1	2	1			
Other diseases of the liver 115	2		1		2	4		3	4				
Diseases of the spleen 116													
Simple peritonitis (nonpuerperal) 117									1			1	
Other diseases of the digestive system (cancer and tuberculosis excepted) .. 118					1				1				
Acute nephritis 119	1	1	4	3	3	16		13	20	2	7	1	3
Bright's disease 120	32	27	52	25	61	165	6	129	123	38	24	8	6
Chyluria 121													
Other diseases of the kidneys and annexa 122					1	4		4	3	1			
Calculi of the urinary passages 123				1					1				
Diseases of the bladder 124					2	1		1	2				
Other diseases of the urethra, urinary abscess, etc. 125													
Diseases of the prostate 126		1	1		2	3	1	2	2	1			
Nonvenereal diseases of the male genital organs 127									1				
Uterine hæmorrhage (nonpuerperal) .. 128									1				
Uterine tumor (noncancerous) 129			1	1	2	3		2	1	1			
Other diseases of the uterus 130					1	2		1					
Cysts and other tumors of the ovaries .. 131						1		1					
Salpingitis and other diseases of the female genital organs 132			1			3		2	1		1		
Nonpuerperal diseases of the breast (cancer excepted) 133													
Accidents of pregnancy 134	1					3		3	3	1			2
Puerperal hæmorrhage 135	1		2						4		3		
Other accidents of labor 136	1		1			1		1	3				
Puerperal septichæmia 137	1	3	3		2	11		10	11	1	1	3	
Puerperal albuminuria and convulsions 138		1		1	2	6	2	3	4	1	1		
Puerperal phlegmasia alba dolens, embolus, sudden death 139			1			4	1	3	1	1			
Following childbirth (not otherwise defined 140													
Puerperal diseases of the breast 141													
Gangrene 142						5		4	5	1			1
Furuncle 143		2				1		1	1	1			
Acute abscess 144						1		1	5		3		
Other diseases of the skin and annexa .. 145		1	1	2		5		5	4	1	1		1
Diseases of the bone (tuberculosis excepted) 146		1		1		3		3	6	1	3		1
Diseases of the bone (tuberculosis and rheumatism excepted) 147									1				
Amputations 148													
Other diseases of the organs of locomotion 149						1		1					
Congenital malformations (stillbirths not included) 150	7	3	12	8	2	44	1	35	42	5	9	4	5

5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL —*Continued.*

Monmouth County.	Asbury Park.	Long Branch.	Red Bank.	Morris County.	Dover.	Morristown.	Ocean County.	Passaic County.	Passaic City.	Paterson.	Salem County.	Salem City.	Somerset County.	North Plainfield.	Somerville.	Sussex County.	Union County.	Elizabeth.	Plainfield.	Rahway.	Summit.	Westfield.	Warren County.	Phillipsburg.
16	1	2		3	1	2	3	24	5	13	5		7	1		4	24	9	3	2	2		3	2
				6																				
1																								
8	1		12	8	1	2	1	37	10	21	4	2	8			3	13	3	5		2	2	4	
10	1	1	1	11	1	3	2	26	4	15	3		8			1	23	12	4	2	1	1	1	1
6			3	1				4	2	1			6				9	2				2	3	1
											1						1	1	1					
17	3		1	6	1	1	2	33	5	22	2		3			2	29	19	3				6	
2				3		1		4	1	3	1					1	8	3	1	1		1		
3		1		5			3	6		3	1		2		1	1	2	1		1			1	1
1			1																					
1							1	2		2							1							
18	5	2	2	11	2		1	29	10	15	8		1			2	14	7	2		1	10	2	
173	28	25	16	96	6	14	32	276	29	192	57	16	42	7	4	28	171	72	36	18	8	8	51	17
				3				3		3			1			1	2	1					1	
																	2	1				1		
4				2				1		1	1		1				2	1	1				4	1
																	1		1					
2				3		2	1	7	4	3	1						5		2				1	
																	2	2						
								1		1														
2	1			1				9	3	6			1			1	2	1						
1								2		2	1													
1							2	5	2	3			2	1	1		1		1					
2								2			1	1	1				1							
2		1		1				3		2							1				1			
2	1			2	1			4	1	1			1			1	1						1	
1				2		1		5	2	3						2								
3	1	2		5		1		11	6	5	1	1				2	8	4	2				1	
3				7	1	1		8	4	2	4		5			3	4	1	1				2	
																	1	1					1	
2			1				1	6	3	2	2	1	1	1		1	1						2	
				3				3		3	1						1	1						
				1				2	2	1			1	1		2	1	1						
1				1				2								1								
1	1			2	1			9	4	4	3	1	1			1	4	1	1					
								1									1	1						
1																							2	2
20	2	1	4	9			3	32	10	14	4		4	1		10	24	10	3	7	1		12	5

TABLE 2.—DEATHS IN THE COUNTIES OF NEW JERSEY AND IN EACH MUNICIPALITY OF LIST): 1917

	State Total.	Atlantic County.	Atlantic City.	Hammonton.	Bergen County.	Englewood.	Garfield.	Hackensack.	Ridgewood.	Rutherford.	Burlington County.	Burlington City.	Camden County.
Congenital debility, icterus and sclerma 151	1914	37	23	3	117	2	24	11	2	2	49	9	98
Other diseases peculiar to early infancy 152	494	6	4		31	1	3	5		2	4		19
Lack of care 153	9	1	1										
Senility 154	273	16	6	1	18	1	1	2		1	19	3	24
Suicide by poison 155	54	3	2		2								2
Suicide by asphyxia 156	132	3	2		7		2	1			2	1	9
Suicide by hanging or strangulation 157	69	1	1		8		1	2			1	1	
Suicide by drowning 158	21	3	2		1								4
Suicide by firearms 159	91	2	1		8	2					1	1	6
Suicide by cutting or piercing instruments 160	28	1	1		4	1	1				1		1
Suicide by jumping from high place 161	7	1	1										1
Suicide by crushing 162	11				3		1		1		1		2
Other suicides 163	2												
Poisoning by food 164	12										4	2	1
Other acute poisonings 165	36	2	1	1	3	1	1				2	1	
Conflagration 166	79	1	1		1			1			2		1
Burns (conflagration excepted) 167	300	5	1	1	11		2	1	1		4	1	8
Absorption of deleterious gases (conflagration excepted) 168	203	9	9		7		2		1		1		2
Accidental drowning 169	298	12	10		11		1	3			10		3
Traumatism by firearms 170	33	1	1		3						2		
Traumatism by cutting or piercing instruments 171	5												1
Traumatism by fall 172	422	11	8	1	23	1	2	3	3	1	11	1	15
Traumatism in mines or quarries 173	11												
Traumatism by machines 174	59				7		1				2		3
Traumatism by other crushing (vehicles, railroad, landslides, etc.) 175	885	21	14	2	61	3	2	5	4	2	26	2	54
Injuries by animals 176	17	1			1	1							
Starvation 177	3				1								
Excessive cold 178	18				3						1		4
Effects of heat 179	193	5	2	1	10	1		1		1	5		1
Lightning 180	7												
Electricity (lightning excepted) 181	18				3						1		
Homicide by firearms 182	96				6		1	2		1			3
Homicide by cutting or piercing instruments 183	23	1	1										
Homicide by other means 184	46				4				1		1		6
Fractures (cause not specified) 185	9				1								
Other external violence 186	61				7				1		1		2
Ill-defined organic disease 187	2												
Sudden death 188													
Cause of death not specified or ill-defined 189	54				2								3
Total	43532	1085	677	88	2352	147	207	246	112	103	1196	153	2817

5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL —*Continued.*

	Camden City.	Gloucester City.	Cape May County.	Cumberland County.	Bridgeton.	Millville.	Vineland.	Essex County.	Bloomfield.	East Orange.	Irvington.	Montclair.	Newark.	Nutley.	Orange.	South Orange.	West Orange.	Gloucester County.	Hudson County.	Bayonne.	Gutttenberg.	Harrison.	Hoboken.	Jersey City.
	65	4	18	30	10	5	3	377	10	21	10	11	274	3	17	3	8	12	356	57		5	38	186
	13	2	2	6	1	2	1	118	3	9	2	6	76		7	2	4	7	132	22		4	15	69
								4		1			3						1					
	14	1		2	1	1		33	1	3	2		19		1	1	1	4	23	2			2	11
								11	1		1		6					1	35	3			3	18
	8			2	1			42		6	3		13					3	13	3			3	5
			2	1		1		5					4		1				3					
	3	1	3	1		1		16	1		2		10					1	18	1		1	3	6
								4											2	1		2	1	1
								6		1			5						1					1
	1							1					1						1					1
	1							1										1						
								3			1		5		2				6	1			1	4
	1			1		1		9	1	2			1		1				15	1				16
								6					5		1				67	7		2	5	34
	1							4					3					4						
	7	1		3	1	2		72	4	2	2	3	53		2		2		67	8	4	3	8	25
	1	1		4		1	2	50		2		2	39	1	3			6	67	15	1	2	7	27
	21	3		21	4	2		29		1			33	2	1			2	3	1				
								3																
	1							1					1							1				
	11	1		11	4	6		80	2	6	3	4	55		3		2	6	111	9	1	3	12	62
	1																							
	3			1		1		12			1		11						13	3		1	2	6
	30	3	4	10	1	6	1	147	3	6	5	6	107	2	6			12	162	18	1	4	20	82
				2		1		1		1								1	5			2	1	1
								1					1											
								1					1							1				1
	3	1		1		1	1	42			4	1	34		1		1	1	63	7			21	26
				1		1												1						
								4					4											
								4					10		1			2	19	3			4	6
	2			6		3		13			1													
								6					6						6	2			1	4
								12			1	1	10					1	3					3
	3			2															4	1			2	
				1		1		1		1			6					4	9					
	2		1	1	1			7																
								2		2			7						11	2		1	2	6
	3			1																				
Total	1948	173	261	855	246	208	106	8893	281	492	254	322	6156	110	484	78	172	593	9216	925	76	233	1170	4832

TABLE 2.—DEATHS IN THE COUNTIES OF NEW JERSEY AND IN EACH MUNICIPALITY OF 5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL LIST): 1917

	Kearny.	Town of Union.	West Hoboken.	West New York.	Hunterdon County.	Mercer County.	Princeton.	Trenton.	Middlesex County.	New Brunswick.	Perth Amboy.	Roosevelt.	South Amboy.
Congenital debility, icterus and sclerma 151	11	5	21	12	11	127	10	98	163	41	48	12	4
Other diseases peculiar to early infancy 152	2	3	2	5	2	27	2	22	17	3	8	...	1
Lack of care 153	1	...	...	...	...	1	...	1	1	...	...	...	...
Senility 154	1	...	4	1	1	10	1	12	12	3	2	1	2
Suicide by poison 155	...	...	...	...	...	6	...	6	3	2	1	...	...
Suicide by asphyxia 156	...	1	3	3	...	...	...	...	2	...	1	...	...
Suicide by hanging or strangulation 157	...	1	...	1	2	4	...	...	7	1	1	1	...
Suicide by drowning 158	1	...	...	...	...	...	...	...	...	...	...	...	...
Suicide by firearms 159	1	...	4	2	2	12	...	12	3	...	2	...	...
Suicide by cutting or piercing instruments 160	1	...	1	1	1	2	1	...	...	...	...	...	...
Suicide by jumping from high place....161	...	...	...	...	...	...	...	...	1	...	1	...	...
Suicide by crushing 162	...	...	...	...	...	...	...	...	...	...	...	...	...
Other suicides 163	...	...	...	...	...	...	...	...	...	...	...	...	...
Poisoning by food 164	...	...	...	...	...	1	1	...	1	...	...	...	...
Other acute poisonings 165	1	1	...	1	...	2	...	2	2	...	1	1	...
Conflagration 166	...	...	...	...	...	2	...	2	3	...	1	...	...
Burns (conflagration excepted) 167	5	3	3	3	2	15	1	11	20	7	10	1	...
Absorption of deleterious gases (conflagration excepted) 168	5	2	3	3	...	5	...	5	10	1	2	3	2
Accidental drowning 169	3	...	1	3	2	19	...	15	31	7	2	3	3
Traumatism by firearms 170	1	...	...	1	...	1	...	...	2	...	1	...	...
Traumatism by cutting or piercing instruments 171	1	...	...	...	...	...	...	...	...	...	...	...	...
Traumatism by fall 172	4	1	4	5	4	20	1	14	32	9	10	...	...
Traumatism in mines or quarries....173	...	...	...	...	...	...	...	...	4	...	1	...	...
Traumatism by machines 174	...	...	...	...	2	1	...	...	4	1	...	1	...
Traumatism by other crushing (vehicles, railroad, landslides, etc.) 175	7	5	9	5	12	45	3	26	75	7	25	3	7
Injuries by animals 176	1	...	...	...	...	1	...	1	...	...	...	...	...
Starvation 177	...	...	...	...	...	...	...	...	...	...	...	...	...
Excessive cold 178	...	...	...	...	...	1	...	...	1	1	...	...	...
Effects of heat 179	1	...	...	1	...	11	2	7	11	2	3	1	3
Lightning 180	...	...	...	...	...	...	...	...	...	...	...	...	...
Electricity (lightning excepted) 181	...	...	...	...	...	...	...	...	3	...	2	...	...
Homicide by firearms 182	2	...	2	1	1	4	...	4	15	5	1	1	...
Homicide by cutting or piercing instruments 183	...	...	...	...	3	1	...	1	1	...	...	...	...
Homicide by other means 184	...	...	...	...	1	...	...	...	2	...	1	...	...
Fractures (cause not specified) 185	...	...	...	...	...	1	...	1	1	...	...	...	...
Other external violence 186	1	...	1	...	1	...	...	...	1	2	1	3	...
Ill-defined organic disease 187	...	...	...	...	...	1	1	...	1	...	...	...	...
Sudden death 188	...	...	...	...	...	...	...	...	...	...	...	...	...
Cause of death not specified or ill-defined 189	...	...	...	...	2	3	...	2	15	6	4	...	...
Total	279	274	519	310	539	2207	112	1706	2284	524	601	154	113

TABLE 2.—DEATHS IN THE COUNTIES OF NEW JERSEY AND IN EACH MUNICIPALITY OF 5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL LIST): 1917—*Continued.*

	Monmouth County.	Asbury Park.	Long Branch.	Red Bank.	Morris County.	Dover.	Morristown.	Ocean County.	Passaic County.	Passaic City.	Paterson.	Salem County.	Salem City.	Somerset County.	North Plainfield.	Somerville.	Sussex County.	Union County.	Elizabeth.	Plainfield.	Rahway.	Summit.	Westfield.	Warren County.	Phillipsburg.
Congenital debility, icterus and sclerma 151	60	4	10	6	54	10	8	9	156	55	66	31	6	25	4	4	13	130	65	12	9	3	7	28	11
Other diseases peculiar to early infancy 152	16	5	2	2	11	3	4	2	42	17	18	4	1	6	3	1	...	32	17	6	...	3	1	8	3
Lack of care 153	1	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Senility 154	12	2	...	...	14	1	5	1	23	5	15	...	...	10	2	2	3	13	6	3	2	...	1	8	2
Suicide by poison 155	2	...	...	...	...	...	...	...	5	...	...	...	...	1	1	...	1	3	1	1	1	...	...	2	...
Suicide by asphyxia 156	4	1	1	...	...	...	...	...	12	3	9	...	...	1	...	...	...	10	6	...	2	...	...	12	...
Suicide by hanging or strangulation 157	1	...	...	...	...	...	...	...	11	3	4	1	...	4	...	...	...	5	3	...	1	1	...	1	...
Suicide by drowning 158	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...
Suicide by firearms 159	5	...	...	...	1	...	...	1	5	1	3	1	1	4	...	2	1	9	1	1	3	1	1	1	...
Suicide by cutting or piercing instruments 160	2	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Suicide by jumping from high place...161	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Suicide by crushing 162	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Other suicides 163	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Poisoning by food 164	...	...	...	...	1	...	...	...	1	...	1	...	...	1	...	...	...	...	...	...	...	...	...	1	...
Other acute poisonings 165	2	...	1	1	1	...	...	...	1	...	1	...	...	...	...	...	1	...	...	...	...	...	...	2	...
Conflagration 166	4	...	1	...	15	...	...	1	20	...	20	...	...	2	...	...	1	2	...	1	...	...	...	...	...
Burns (conflagration excepted) 167	8	2	1	...	9	1	...	...	25	6	18	6	1	4	...	...	...	24	11	2	4	2	...	4	...
Absorption of deleterious gases (conflagration excepted) 168	5	...	...	1	5	1	4	2	20	11	5	2	...	1	...	...	1	15	8	1	2	2	...	...	...
Accidental drowning 169	8	...	3	...	10	2	1	3	28	7	9	6	1	3	...	...	3	5	3	...	...	...	...	5	2
Traumatism by firearms 170	1	...	...	...	2	...	...	2	3	...	1	...	...	1	...	...	...	2	2	...	...	...	...	...	...
Traumatism by cutting or piercing instruments 171	1	...	...	1	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Traumatism by fall 172	12	2	2	...	12	1	3	5	33	7	20	4	2	3	1	...	3	16	9	2	...	3	1	10	1
Traumatism in mines or quarries....173	...	...	...	...	1	...	...	...	2	...	...	...	...	...	...	...	3	...	...	...	...	...	...	1	...
Traumatism by machines 174	1	...	1	...	2	...	...	...	3	1	...	1	1	3	...	...	1	4	1	1	1	...	...	...	...
Traumatism by other crushing (vehicles, railroad, landslides, etc.) 175	28	4	6	2	33	...	...	2	70	16	37	5	1	17	...	4	9	77	33	13	6	3	3	14	4
Injuries by animals 176	2	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...
Starvation 177	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Excessive cold 178	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2	...	...	...	...	...	...	1	...
Effects of heat 179	2	...	...	...	3	1	...	1	12	6	5	...	...	1	...	...	...	16	10	2	1	...	...	2	2
Lightning 180	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	...	...	...	1	...
Electricity (lightning excepted) 181	2	...	...	1	...	...	...	...	2	...	2	...	...	...	...	...	1	1	1	...	...	...	...	...	...
Homicide by firearms 182	3	...	1	...	1	...	...	...	12	4	5	3	1	4	...	3	1	3	1	1	...	...	...	...	...
Homicide by cutting or piercing instruments 183	1	...	...	1	2	1	...	...	3	1	2	...	...	...	...	...	...	1	...	...	1	...	...	...	...
Homicide by other means 184	3	...	...	2	1	1	...	...	4	1	2	1	...	...	...	...	...	2	2	...	...	...	...	1	...
Fractures (cause not specified) 185	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other external violence 186	2	...	...	1	...	...	...	...	10	2	2	3	1	2	...	1	...	2	1	...	...	...	...	2	...
Ill-defined organic disease 187	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sudden death 188	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cause of death not specified or ill-defined 189	2	...	...	...	...	...	...	...	3	...	1	1	...	...	...	...	...	8	6	...	1	...	...	1	1
Total	1617	194	202	161	1174	131	205	319	3397	855	1898	500	129	626	83	105	418	2546	1283	381	194	117	93	637	204

TABLE 2A.—DEATHS IN THE COUNTIES OF NEW JERSEY AND IN EACH MUNICIPALITY OF LIST): 1918

	State Total.	Atlantic County.	Atlantic City.	Hammonton.	Bergen County.	Englewood.	Garfield.	Hackensack.	Ridgewood.	Rutherford.	Burlington County.	Burlington City.	Camden County.
Typhoid fever 1	160	4	2	...	5	...	...	2	...	...	11	...	15
Typhus fever 2	...	...	...	...	...	...	...	...	...	...	...	...	...
Relapsing fever 3	...	...	...	...	...	...	...	...	...	...	...	...	...
Malaria 4	13	2	1	...	2	...	...	...	...	...	...	...	...
Smallpox 5	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles 6	526	3	1	...	26	...	8	1	...	...	11	...	21
Scarlet fever 7	57	...	...	...	4	1	...	...	...	...	1	...	3
Whooping cough 8	577	11	10	...	31	5	4	3	1	2	14	2	51
Diphtheria and croup 9	498	2	...	2	35	...	2	2	...	...	7	1	30
Influenza 10	11829	435	312	29	626	43	68	67	14	20	363	72	1003
Miliary fever 11	1	...	...	...	...	...	...	...	...	...	...	...	...
Asiatic cholera 12	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera nostras 13	3	1	...	...	...	...	...	...	...	...	...	...	...
Dysentery 14	50	1	1	...	2	...	...	...	...	...	1	...	1
Plague 15	...	...	...	...	...	...	...	...	...	...	...	...	...
Yellow fever 16	...	...	...	...	...	...	...	...	...	...	...	...	...
Leprosy 17	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas 18	80	1	...	...	4	...	...	1	...	...	...	...	4
Other epidemic diseases 19	11	...	...	...	1	...	1	...	...	...	1	...	1
Puerperal infection and septicæmia 20	62	1	1	...	3	...	...	...	...	...	...	...	2
Glanders 21	...	...	...	...	...	...	...	...	...	...	...	...	...
Anthrax 22	1	...	...	...	...	...	...	...	...	...	...	...	...
Rabies 23	3	...	...	...	...	...	...	...	...	...	...	...	...
Tetanus 24	20	...	...	...	2	...	...	...	...	...	1	...	2
Mycoses 25	...	...	...	...	...	...	...	...	...	...	...	...	...
Pellagra 26	3	...	...	...	...	...	...	...	...	...	...	...	...
Beriberi 27	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculosis of the lungs 28	4223	108	65	5	183	13	19	10	4	6	77	17	262
Acute miliary tuberculosis 29	130	1	1	...	6	...	...	...	...	...	5	2	10
Tuberculous meningitis 30	269	4	3	...	18	2	1	2	...	1	5	1	11
Abdominal tuberculosis 31	105	2	1	...	4	...	...	...	...	1	2	1	10
Pott's disease 32	32	2	...	1	2	1	...	...	...	...	...	...	2
White swellings 33	13	1	1	...	1	...	...	...	...	...	...	...	...
Tuberculosis of other organs 34	41	2	1	...	...	...	...	...	...	...	2	...	5
Disseminated tuberculosis 35	2	...	...	...	...	...	...	...	...	...	...	...	...
Rickets 36	23	...	...	...	1	...	...	...	...	...	...	...	2
Syphilis 37	204	8	7	...	14	1	...	2	2	1	8	...	14
Gonococcus infection 38	6	...	...	...	1	...	...	...	...	...	...	...	...
Cancer and other malignant tumors of the buccal cavity 39	76	1	1	...	4	...	...	...	...	1	1	...	4
Cancer and other malignant tumors of the stomach, liver 40	1015	22	14	2	63	9	3	4	2	3	23	3	57
Cancer and other malignant tumors of the peritonæum, intestines, rectum 41	346	10	5	...	17	2	...	3	...	2	5	1	25
Cancer and other malignant tumors of the female genital organs 42	383	14	9	...	22	1	1	3	...	...	16	2	21
Cancer and other malignant tumors of the breast 43	220	3	1	...	7	...	...	...	...	1	9	3	12
Cancer and other malignant tumors of the skin 44	77	3	...	...	2	...	...	...	...	...	3	...	4
Cancer and other malignant tumors of other organs or of organs not specified 45	394	9	5	...	22	2	...	...	2	1	5	...	28
Other tumors (tumors of the female genital organs excepted) 46	10	...	...	...	...	...	...	...	...	...	1	...	...
Acute articular rheumatism 47	199	6	2	2	13	...	2	1	...	...	6	1	12
Chronic rheumatism and gout 48	37	2	...	...	4	...	...	...	...	...	1	...	2
Scurvy 49	7	1	1	...	...	...	...	...	...	...	...	...	...
Diabetes 50	573	17	14	...	35	1	4	5	...	3	13	1	27
Exophthalmic goitre 51	31	...	...	...	3	...	...	1	...	...	1	1	1
Addison's disease 52	8	...	...	...	1	1	...	...	...	...	...	...	1
Leuchæmia 53	54	3	2	...	4	1	...	...	...	...	...	...	2

5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL —*Continued.*

Camden City.	Gloucester City.	Cape May County.	Cumberland County.	Bridgeton.	Millville.	Vineland.	Essex County.	Bloomfield.	East Orange.	Irvington.	Montclair.	Newark.	Nutley.	Orange.	South Orange.	West Orange.	Gloucester County.	Hudson County.	Bayonne.	Guttenberg.	Harrison.	Hoboken.	Jersey City.
9	2	2	11	10	1	...	19	...	...	...	...	16	4	1	...	...	4	20	...	...	...	5	13
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	2	1	8	3	1	2	147	8	...	4	2	119	...	8	...	2	5	121	35	3	3	14	39
1	...	...	2	...	...	1	20	2	5	...	...	11	1	...	...	...	1	13	...	...	...	1	10
36	8	5	17	5	4	3	91	10	6	2	6	52	2	3	...	3	2	21	101	11	2	4	58
21	3	1	6	4	...	...	110	9	1	1	1	85	1	6	...	3	3	17	127	20	2	6	60
703	106	46	288	93	101	45	1890	54	83	29	75	1369	12	98	17	53	23	1842	404	21	52	119	812
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
...	...	1	3	1	...	...	8	...	...	...	...	7	...	...	...	...	1	9	1	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	1	1	...	...	...	19	...	1	2	...	16	...	...	...	...	...	19	4	...	...	2	9
1	...	...	...	...	...	...	4	...	...	...	...	3	...	...	...	1	...	...	...	...	...	...	...
...	2	...	...	...	...	...	10	...	1	...	1	8	...	...	...	...	4	12	...	...	...	1	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	3	1	2	...	...	3	...	...	...	...	3	...	...	...	...	1	1	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1
171	8	19	75	22	15	10	978	19	27	26	29	719	10	50	8	25	36	1004	95	19	23	117	518
7	...	1	8	2	2	...	18	2	...	...	1	15	...	1	...	...	2	45	7	...	...	3	25
9	...	...	2	...	...	...	17	2	5	1	1	9	1	6	1	...	1	53	9	...	1	8	25
8	...	1	2	2	...	...	25	1	...	2	2	14	1	1	1	1	...	22	...	...	...	3	15
1	...	...	1	...	1	...	8	...	1	...	...	6	...	...	1	...	1	12	2	...	...	...	8
...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	2	...	...	...	...	2
2	1	...	...	...	...	...	13	...	2	...	...	11	...	...	...	...	1	3	...	...	...	...	2
...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	1	2	...	...	...	1	3
2	...	...	...	...	...	...	7	1	...	...	...	5	...	1	...	...	...	3	...	...	...	...	...
10	1	...	5	3	1	...	42	...	2	...	3	33	...	3	...	...	1	32	4	...	2	4	14
...	...	...	...	...	...	...	3	...	...	...	...	3	...	...	...	...	3	32	...	...	...	...	...
3	...	1	3	1	...	2	18	1	1	...	...	14	...	...	2	...	2	20	1	...	...	3	15
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
35	6	5	23	3	7	4	184	3	21	7	4	121	2	7	3	4	18	225	23	5	3	26	112
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	2	2	11	4	3	...	73	...	10	4	2	47	1	3	3	...	5	65	3	...	...	5	31
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	1	2	10	3	3	2	92	...	9	2	2	57	3	7	2	3	6	58	3	...	1	11	23
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	5	3	1	...	1	45	1	1	2	1	34	...	2	2	...	2	39	2	...	...	3	23
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	3	2	1	...	...	10	...	...	...	2	7	...	...	...	...	6	9	...	1	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	1	2	8	3	1	...	90	2	10	3	7	52	2	4	3	2	7	77	3	1	...	7	46
...	...	...	...	...	...	...	3	1	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	...	...	...	...	...
8	2	1	2	1	...	...	40	...	...	1	1	32	1	4	...	1	4	50	6	...	...	9	32
2	...	...	2	1	1	...	5	...	...	...	...	3	...	1	1	...	...	4	...	...	...	...	2
...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...
14	2	2	14	4	4	2	128	1	8	5	7	96	1	5	...	4	5	141	9	...	2	24	69
1	...	...	1	1	...	...	14	...	1	...	...	12	...	1	...	...	...	2	...	...	...	1	...
1	...	...	...	...	...	...	2	...	...	...	...	2	...	...	...	...	2	1	...	...	...	...	1
2	...	...	...	...	...	...	19	1	1	...	2	13	...	...	...	...	...	7	2	...	...	...	3

TABLE 2A.—DEATHS IN THE COUNTIES OF NEW JERSEY AND IN EACH MUNICIPALITY OF LIST): 1918

		Kearny.	Town of Union.	West Hoboken.	West New York.	Hunterdon County.	Mercer County.	Princeton.	Trenton.	Middlesex County.	New Brunswick.	Perth Amboy.	Roosevelt.	South Amboy.
Typhoid fever	1			2		2	7	1	5	10	7	1		
Typhus fever	2													
Relapsing fever	3													
Malaria	4					1	1							
Smallpox	5													
Measles	6	9	3	1	7	1	8		7	56	5	19	2	
Scarlet fever	7				1					4	4			
Whooping cough	8	1	1	6	7	8	33	8	17	33	7	7	2	2
Diphtheria and croup	9	2	1	7	3	2	38		28	24	3	4	1	1
Influenza	10	106	47	105	72	103	898	21	734	895	189	278	94	25
Miliary fever	11													
Asiatic cholera	12													
Cholera nostras	13													
Dysentery	14			1		1				4				
Plague	15													
Yellow fever	16													
Leprosy	17													
Erysipelas	18			2	1	1	4		2	5		1		
Other epidemic diseases	19													
Purulent infection and septichæmia	20			1			5		3	2		1		
Glanders	21													
Anthrax	22													
Rabies	23													
Tetanus	24					1	2		2	2			1	
Mycoses	25													
Pellagra	26													
Beriberi	27													
Tuberculosis of the lungs	28	26	32	54	36	35	248	10	184	239	79	68	10	7
Acute miliary tuberculosis	29		1	2	1		7		7	5		1		1
Tuberculous meningitis	30	1	2	3	1	1	14		12	14	2	5		1
Abdominal tuberculosis	31		1	2			4		4	9	5	3		
Pott's disease	32			1			1		1					
White swellings	33						1			1				
Tuberculosis of other organs	34	1		1	1		2		2					
Disseminated tuberculosis	35													
Rickets	36									3	2			1
Syphilis	37	1		3	1	1	14		13	7	2	3		1
Gonococcus infection	38													
Cancer and other malignant tumors of the buccal cavity	39	1				1	1		1	2		1		1
Cancer and other malignant tumors of the stomach, liver	40	7	5	8	11	11	46		39	63	15	17	2	4
Cancer and other malignant tumors of the peritonæum, intestines, rectum	41	6	4	8	2	8	15	1	11	12	4	2		
Cancer and other malignant tumors of the female genital organs	42	3	5	3	4	4	28	1	23	14	6	1	2	
Cancer and other malignant tumors of the breast	43	4		1	1	4	13	3	6	10	3	3		1
Cancer and other malignant tumors of the skin	44		1				6		5	4	2	1		
Cancer and other malignant tumors of other organs or of organs not specified	45	1	1	6	2	2	16	2	11	13	2	3		1
Other tumors (tumors of the female genital organs excepted)	46	2												
Acute articular rheumatism	47	1	2	3	2	3	9		8	6	1	1		
Chronic rheumatism and gout	48		1		1	1	3		3	2				1
Scurvy	49													
Diabetes	50	5	3	10	7	6	20	3	15	21	5	6	1	1
Exophthalmic goitre	51	1				1	2		2	2	2			
Addison's disease	52													
Leuchæmia	53		1	1		1				4	1	1		

5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL —*Continued.*

		Monmouth County.	Asbury Park.	Long Branch.	Red Bank.	Morris County.	Dover.	Morristown.	Ocean County.	Passaic County.	Passaic City.	Paterson.	Salem County.	Salem City.	Somerset County.	Somerset Pluinfield.	North Plainfield.	Somerville.	Sussex County.	Union County.	Elizabeth.	Plainfield.	Rahway.	Summit.	Westfield.	Warren County.	Phillipsburg.
Typhoid fever	1	18		1	6	4	2	1		9	2	5	3		3	1		2	9	3	1		1		2	2
Typhus fever	2																										
Relapsing fever	3																										
Malaria	4	1	1			2	1												1						3	1
Smallpox	5																										
Measles	6	12			1	6		1	2	43	19	16	2		8			8	26	19		1		10	3
Scarlet fever	7			2		1				3	2	1			1				2	2						
Whooping cough	8	29	3	2	3	13	4		1	38	13	16	13	5	12	7	1	1	44	18	16	1		2	10	5
Diphtheria and croup	9	6				4				47	19	20	3	2	8	1	3	3	32	13	7	2	4	4	5	
Influenza	10	315	36	33	28	473	76	56	60	984	201	578	181	43	169	15	23	177	586	265	98	64	34	18	272	113
Miliary fever	11																										
Asiatic cholera	12																										
Cholera nostras	13																										
Dysentery	14														1												
Plague	15	3		1	1	2			1	3		3	4	2	5		1		4	1	3				1	
Yellow fever	16																										
Leprosy	17																										
Erysipelas	18																										
Other epidemic diseases	19	4			1	2		1	1	4	2	2	1		1			1	7	2	3				1	1
Purulent infection and septichæmia	20	1								1		1							2		1					
Glanders	21	4	1		1	4		1	1	4	2	1			2			1	3	1	1	1			2	2
Anthrax	22																										
Rabies	23	1																									
Tetanus	24									2	1																
Mycoses	25	1																	1	1							
Pellagra	26																			1							
Beriberi	27																										
Tuberculosis of the lungs	28	99	10	14	10	111	13	15	19	320	76	193	31	7	48	6	12	19	260	147	31	10	13	14	32	14
Acute miliary tuberculosis	29	4				2			2	11	1	9	1					1	5	9	1	1			1	1
Tuberculous meningitis	30	3		1		3		2	2	20	5	8	1		2			1	33	12	6	1	1		4	1
Abdominal tuberculosis	31	5	1	1		2	1		3	4	1	3			2		1		7	3	2					
Pott's disease	32									1	1								1	1					1	
White swellings	33	2				1				1	1								3	2	1		2			
Tuberculosis of other organs	34	3				1				1	1								3	2	1				1	1
Disseminated tuberculosis	35																		1	1						
Rickets	36	1				1		1		21	3	15	1		3	2	1	4	14	7	2		1		1	1
Syphilis	37	8	2	2		4		1		2		2														
Gonococcus infection	38																										
Cancer and other malignant tumors of the buccal cavity	39	2				2		1	1	4	2	2	1		1		1		5	1	1	1			2	1
Cancer and other malignant tumors of the stomach, liver	40	29	1	5	3	28	4	3	1	87	12	54	12	2	13	2	3	9	74	31	13	7	3	5	22	10
Cancer and other malignant tumors of the peritonæum, intestines, rectum	41	17	1	1		20	3	2	4	26	4	19	2		4	1	1	4	19	10	6	1	2		2	
Cancer and other malignant tumors of the female genital organs	42	12	4			9	3	1	7	20	3	15	3	2	6	1	1	2	31	8	2	2	2	5	6	1
Cancer and other malignant tumors of the breast	43	13	1		3	7	1	5	3	22	3	14	2		4	2		3	13	7	2	1				
Cancer and other malignant tumors of the skin	44	5				4				5	1	4	1		1			2	6	3			1	1		
Cancer and other malignant tumors of other organs or of organs not specified	45	11	1	1	2	17	2	3	2	30	5	20	3	1	8	2	1	9	33	18	5	2	1	3	2	1
Other tumors (tumors of the female genital organs excepted)	46									1		1			1		1		1							
Acute articular rheumatism	47	14		2	4	1	1		1	9		8	2		3		1	3	9	7				1	5	3
Chronic rheumatism and gout	48	3		2	1				1	3		2	3						1	2						
Scurvy	49	1		1						1		1														
Diabetes	50	27	2	4	2	14	2	3	5	35	3	25	4	3	3	1	1	11	29	16	4	2	1	3	11	2
Exophthalmic goitre	51	1			1										1	1			1	1					1	
Addison's disease	52																									
Leuchæmia	53	1			1		1			9	2	7							3		1			1		

TABLE 2A.—DEATHS IN THE COUNTIES OF NEW JERSEY AND IN EACH MUNICIPALITY OF LIST): 1918

		State Total.	Atlantic County.	Atlantic City.	Hammonton.	Bergen County.	Englewood.	Garfield.	Hackensack.	Ridgewood.	Rutherford.	Burlington County.	Burlington City.	Camden County.
Anæmia, chlorosis	54	128	5	2		9			2	1		2		4
Other general diseases	55	44	1	1		2						1		
Alcoholism (acute or chronic)	56	74	1	1		2					1	4		8
Chronic lead poisoning	57	7				1								
Other chronic occupation poisonings	58	1												
Other chronic poisonings	59	2												
Encephalitis	60	17	1											3
Simple meningitis	61	337	3	2		21	3	5	4		1	10		20
Locomotor ataxia	62	67	2			3		1				2		9
Other diseases of the spinal cord	63	138	2	2		6	1		1	1		9		15
Cerebral hemorrhage, apoplexy	64	2932	96	54	2	184	15	4	19	3	13	90	11	158
Softening of the brain	65	29	1											
Paralysis without specified cause	66	233	4	3		8						3		14
General paralysis of the insane	67	170	6	3	1	10	1		1	1	2	1	1	21
Other forms of mental alienation	68	64	1			2			1	1				10
Epilepsy	69	119	5	3		8	1	1	1	1		2		7
Convulsions (nonpuerperal)	70	1	1											
Convulsions of infants	71	79	4	2		6					1	3		5
Chorea	72	2												1
Neuralgia and neuritis	73	7												
Other diseases of the nervous system	74	86	2	2		3								5
Other diseases of the eyes and their adnexa	75	1												
Diseases of the ears	76	41	1			2								2
Pericarditis	77	20	1			1								
Acute endocarditis	78	182	6	6		9	1		1			8	1	9
Organic diseases of the heart	79	5545	171	101	12	336	17	12	37	18	22	144	24	394
Angina pectoris	80	214	9	6	1	13			1	1	1	8	2	7
Diseases of the arteries, atheroma aneurysm, etc.	81	464	12	10		25	1		3		2	9		19
Embolism and thrombosis	82	115	3	2		9				2		4	1	1
Diseases of the veins (varices, hæmorrhoids, phlebitis, etc.)	83	19										1		2
Diseases of the lymphatic system (lymphangitis, etc.)	84	20				2								
Hæmorrhage; other diseases of the circulatory system	85	13	1									1		
Diseases of the nasal fossæ	86	5												
Diseases of the larynx	87	18				2		1						
Diseases of the thyreoid body	88	8												1
Acute bronchitis	89	490	3	1		21		1		3		10	5	24
Chronic bronchitis	90	149	4	3		3			2		1	7	1	10
Bronchopneumonia	91	3208	72	39	1	146	11	22	17	2		93	25	207
Pneumonia	92	7512	127	76	17	385	27	42	30	4	7	151	32	689
Pleurisy	93	131	2	1	1	2						6	1	13
Pulmonary congestion, pulmonary apoplexy	94	99	7	5	2	4			1			3		3
Gangrene of the lung	95	8												
Asthma	96	68	4	2	1	5		1	1			2		
Pulmonary emphysema	97	10												1
Other diseases of the respiratory system (tuberculosis excepted)	98	36	5	2		1						2		3
Other diseases of the mouth and annexa	99	22				1								3
Diseases of the pharynx	100	40				2						1		2
Diseases of the œsophagus	101	2												
Ulcer of the stomach	102	88	4	2		6	1					1		10
Other diseases of the stomach (cancer excepted)	103	237	9	5	1	11						10	3	8
Diarrhœa and enteritis (under 2 years)	104	2278	46	28	1	106	4	27	4	1		55	8	190

5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL —*Continued.*

	Camden City.	Gloucester City.	Cape May County.	Cumberland County.	Bridgeton.	Millville.	Vineland.	Essex County.	Bloomfield.	East Orange.	Irvington.	Montclair.	Newark.	Nutley.	Orange.	South Orange.	West Orange.	Gloucester County.	Hudson County.	Bayonne.	Guttenberg.	Harrison.	Hoboken.	Jersey City.
	3		1	2				30	1	5		2	15	1	1	2	1	1	23	1		1	2	14
				2	2			14			1	1	8		4				12					9
	3	2	1					14	1	1			9			2	3		3	1			1	1
																			3					1
																								2
													1											
	3							5	1				4					1	3					
	17		3	3	1	1		78			2	1	61		7	1	1	6	84	11	1	1	12	1
	7			5	2	1		10	1			1	6		2				13					50
	10			6	1	1		34	1	3		2	24	1	2		1	4	18	1		1	1	6
	88	16	38	87	28	21	6	538	16	47	14	26	341	6	29	3	16	71	476	34	4	7	61	225
			1	4		1		3				1	1					1	3					1
	9	1	3	10	3	4	1	39	1	1	1	2	23	1	1		2	8	29	1		2	5	12
	10	2	1	8	4	1	1	31	1	2	1		21		1		1	1	40	2		2	7	19
	5	2		1	1			10		1	1				1			1	7					6
	5			1	1			21		2	2	1	11		2	1		1	13	2				10
		3						9			1		6	1			1	1	21	3	1	1	2	
	1																		16	4		1	2	1
	4			10	3	4	1	26	2	3	2		14		4	1		1	12	1				8
	2			2		1		10					9	1					8			1	1	6
			1					6					4	1					3				1	2
	6	1		4		3	1	54	3	5	3		34	1	6			3	46	2		1	10	15
	252	27	39	164	47	31	14	1182	39	74	43	47	782	15	56	16	29	65	1106	100	4	27	125	547
	1		3	12	5	1	1	41	1	11	2	1	19		2		1	1	23				2	16
	8	1		20	2		5	82	4	7	3	2	50	4	4	1	2	12	96	7			10	53
			2	3				26	1	1	1	2	14		2	2		3	18	2			4	8
	1			1		1		6		1		1	2		1				2					1
								3		1	1		1						6	4			1	1
								1							1				3	1				2
				1		1		3					3					1	1					1
	1							2	1				1						4	1				1
	9	2	3	4		2		162	1	5	1	6	136		5	3		3	124	17	2	6	8	62
			4					34	3				27			2		3	30	2	1	1		15
	161	17	8	80	17	19	13	628	10	20	10	15	472	14	36	4	5	35	758	79	6	19	76	414
	570	27	28	128	39	17	49	1414	46	65	24	53	951	17	111	14	44	111	1899	234	7	50	313	957
	9		1	3	1		1	38	1				33	2	1				21	4		1	2	12
	2			4				11		3			7					1	15	2			1	10
				1				3					2				1		1			1		
				1				14					14						15	1			2	8
				1				2					2						1					1
	1	1		1				5		1			3		1				6	2				2
	2							5					5						5				1	3
	2							7			1		4		2				13				2	4
								1					1											
	8	2		3	1			12		1	2		8		1			3	20				1	15
	2	2	2	7	1	4	1	45		2	1	3	31		4	1	1	10	29	2			5	14
	145	15	7	22	6	6	2	402	18	4	4	14	327	5	8		2	25	480	77	7	13	57	236

TABLE 2A.—DEATHS IN THE COUNTIES OF NEW JERSEY AND IN EACH MUNICIPALITY OF LIST): 1918

5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL —*Continued.*

		Kearny.	Town of Union.	West Hoboken.	West New York.	Hunterdon County.	Mercer County.	Princeton.	Trenton.	Middlesex County.	New Brunswick.	Perth Amboy.	Roosevelt.	South Amboy.
Anæmia, chlorosis	54			3		2	4	1	3	3	1	2		
Other general diseases	55			1			1		1	1		1		
Alcoholism (acute or chronic)	56	1				1	4		2	10	2	2		1
Chronic lead poisoning	57						1		1	2		2		
Other chronic occupation poisonings	58													
Other chronic poisonings	59													
Encephalitis	60						1		1					
Simple meningitis	61	1	1	4	2	1	16	1	11	19	1	7	1	
Locomotor ataxia	62		1	2	2		5		2	1	1			
Other diseases of the spinal cord	63			1		1	5		3	11	3	2		1
Cerebral hæmorrhage, apoplexy	64	24	26	36	16	61	160	8	118	108	41	20	1	10
Softening of the brain	65	1		1			4		4	3				
Paralysis without specified cause	66	3		4	1	7	13		8	13	4	2		
General paralysis of the insane	67	1	2			3	8	1	7	9	1	2		
Other forms of mental alienation	68			3	1		1	1		1	1			
Epilepsy	69	1				1	5	1	3	7		3		
Convulsions (nonpuerperal)	70													
Convulsions of infants	71	2					1		1	10	2	6		
Chorea	72													
Neuralgia and neuritis	73						2		2					
Other diseases of the nervous system	74			1			1		1	3	1			
Other diseases of the eyes and their adnexa	75													1
Diseases of the ears	76						6		3	2	1			
Pericarditis	77									3				
Acute endocarditis	78	2	2	4	1		7		6	3		2		
Organic diseases of the heart	79	42	33	69	27	86	231	13	173	227	67	44	5	29
Angina pectoris	80		1	2		3	15		11	10	2	1		
Diseases of the arteries, atheroma aneurysm, etc.	81	4	2	6	2	6	26	2	16	20	7	6		2
Embolism and thrombosis	82		1	2		2	6		5	6		3		1
Diseases of the veins (varices, hæmorrhoids, phlebitis, etc.)	83			1										
Diseases of the lymphatic system (lymphangitis, etc.)	84						3		3	2	1	1		
Hæmorrhage; other diseases of the circulatory system	85													
Diseases of the nasal fossæ	86			1		1	3		3					
Diseases of the larynx	87									2			1	
Diseases of the thyreoid body	88	1								1				
Acute bronchitis	89	2	2	3	5	4	13	2	7	28	1	11	4	2
Chronic bronchitis	90	3		2	1	2	5	1	3	5	1	1		
Bronchopneumonia	91	28	19	40	35	34	189	2	159	244	45	104	10	13
Pneumonia	92	64	50	71	45	55	376	11	302	433	67	129	42	60
Pleurisy	93			1		1	9	1	5	9		3		
Pulmonary congestion, pulmonary apoplexy	94			1	1	2	6		5	3	1			
Gangrene of the lung	95													
Asthma	96		1	1			7		6	3	1	1		
Pulmonary emphysema	97						1		1					
Other diseases of the respiratory system (tuberculosis excepted)	98			1	1	1	1		1	4	2	2		
Other diseases of the mouth and annexa	99			1			1		1					
Diseases of the pharynx	100			2	2		2		2	3		1		
Diseases of the œsophagus	101													
Ulcer of the stomach	102		1	1		1	5		5	2	1		1	
Other diseases of the stomach (cancer excepted)	103	1	2	1	1	6	12		7	15	4	5		
Diarrhœa and enteritis (under 2 years)	104	12	12	16	15	8	99	2	88	238	55	57	27	8

		Monmouth County.	Asbury Park.	Long Branch.	Red Bank.	Morris County.	Dover.	Morristown.	Ocean County.	Passaic County.	Passaic City.	Paterson.	Salem County.	Salem City.	Somerset County.	North Plainfield.	Somerville.	Sussex County.	Union County.	Elizabeth.	Plainfield.	Rahway.	Summit.	Westfield.	Warren County.	Phillipsburg.
Anæmia, chlorosis	54	1	1		2	3		1	2	15	2	10			5	1	2		8	3		2		1	2	1
Other general diseases	55					1				3		1			1				1				1			
Alcoholism (acute or chronic)	56	5	1		1	2		1		7	2	5						2	5	1	1	2			2	
Chronic lead poisoning	57					1	1																			
Other chronic occupation poisonings	58	1																								
Other chronic poisonings	59									1		1														
Encephalitis	60		1		1													1								
Simple meningitis	61	9		2		6	1	1		32	14	14	3	2					17	8	5			1	6	1
Locomotor ataxia	62					2				4		2	1					2								
Other diseases of the spinal cord	63	2	1	1		3			2	4	2	2	1					2	5	2				2	1	1
Cerebral hæmorrhage, apoplexy	64	153	14	18	15	101	4	18	32	176	31	122	39	8	66	10	12	43	196	88	30	20	12	10	59	22
Softening of the brain	65	5				2				1		1	1						2						1	
Paralysis without specified cause	66	5				12	2	3	3	21	1	10	10	1	3			1	3	11	1	1		1	14	7
General paralysis of the insane	67	4	1	1		4	1		1	8	2	5	4	1	2			1	5	5					2	2
Other forms of mental alienation	68	7				4		1		7		6	2		2		1		6	3		2	1		1	
Epilepsy	69	2		2		4		1	2	7	2	4	3	2	10			4	1		1				2	
Convulsions (nonpuerperal)	70																									
Convulsions of infants	71	2				4	2	1	1	9	2	6			2			1	3	3					2	2
Chorea	72									1																
Neuralgia and neuritis	73									1		1	1		1				1	1						
Other diseases of the nervous system	74	5	1			3		2	2	7	2	5	1		2	1		1	2	1	1					
Other diseases of the eyes and their adnexa	75																		1							
Diseases of the ears	76								1	1		1			1				3	1		1				
Pericarditis	77	2	1																1		1					
Acute endocarditis	78	2	1		1	1				10	1	9	1		3	1		1	11	9					1	
Organic diseases of the heart	79	247	34	32	14	152	23	25	38	372	80	223	75	19	110	15	16	45	271	127	41	30	13	9	90	26
Angina pectoris	80	11	4		2	8	2	2	6	21	6	11	2		4		1		10	1	2		1	2	7	3
Diseases of the arteries, atheroma aneurysm, etc.	81	20	4	4		12			15	38	2	32	2	1	6	2	3	11	15	5	2	1	1	2	9	1
Embolism and thrombosis	82	1				6	1	1	2	12	2	8			3				5	4	1				3	
Diseases of the veins (varices, hæmorrhoids, phlebitis, etc.)	83	1				1				2	1	1			2	1	1		1	1						
Diseases of the lymphatic system (lymphangitis, etc.)	84																		4	4						
Hæmorrhage; other diseases of the circulatory system	85					1			1	1		1							4	3		1				
Diseases of the nasal fossæ	86																									
Diseases of the larynx	87					1				5	3	2							2	1	1					
Diseases of the thyreoid body	88																									
Acute bronchitis	89	15	2	2	3	16	2			29	11	12	2	1	2				4	16	12	2			2	1
Chronic bronchitis	90	7	3	1		3		1	3	14	4	8			1				4	8	4		3		2	1
Bronchopneumonia	91	73	6	11	5	70	9	12	12	244	77	115	21	4	54	7	9	21	182	66	45	10	14	8	37	14
Pneumonia	92	179	19	26	24	165	29	30	28	507	157	254	63	5	61	8	5	75	574	348	67	27	22	18	64	26
Pleurisy	93	3		1		2	1	1	1	9	3	5	1		3			1	5	4			1		1	1
Pulmonary congestion, pulmonary apoplexy	94	7			1	4			1	10	2	7	4		3	2		1	8	6		1	1		2	2
Gangrene of the lung	95	1								1		1			1											
Asthma	96	3			1	2	2			7	1	5	1	1	1				3	1	1				1	
Pulmonary emphysema	97	1				2		1		1									1	1						
Other diseases of the respiratory system (tuberculosis excepted)	98	1								3	2				1				1	1					1	
Other diseases of the mouth and annexa	99					1		1		2		2							3	2	1					
Diseases of the pharynx	100	1								4		3							3	1					1	1
Diseases of the œsophagus	101	1																								
Ulcer of the stomach	102	3		2		1	1			7		4	1		2		1	1	6	3	3					
Other diseases of the stomach (cancer excepted)	103	15		3	3	12		3	3	19	8	8	2		5	1		3	5	1	3				9	3
Diarrhœa and enteritis (under 2 years)	104	35	4	4	4	45	6	1	1	225	104	84	38	15	34	2	2	19	150	87	15	12		4	43	14

TABLE 2A.—DEATHS IN THE COUNTIES OF NEW JERSEY AND IN EACH MUNICIPALITY OF LIST): 1918

	State Total.	Atlantic County.	Atlantic City.	Hammonton.	Bergen County.	Englewood.	Garfield.	Hackensack.	Ridgewood.	Rutherford.	Burlington County.	Burlington City.	Camden County.
Diarrhœa and enteritis (2 years and over) 105	481	28	16	4	20	4	2	...	...	1	10	...	50
Ankylostomiasis 106	...	...	...	...	...	...	...	...	...	...	...	...	...
Intestinal parasites 107	2	...	...	...	1	...	...	...	...	...	1	...	...
Appendicitis and typhlitis 108	290	7	5	...	17	...	1	...	1	...	8	...	5
Hernias, intestinal obstructions 109	305	14	9	...	21	2	...	4	2	...	8	3	18
Other diseases of the intestines 110	101	2	1	1	5	...	...	...	...	...	3	2	7
Acute yellow atrophy of the liver....111	6	1	1	...	1	...	...	...	...	...	1	1	...
Hydatid tumor of the liver 112	2	1	1	...	...	...	...	...	...	...	...	...	...
Cirrhosis of the liver 113	336	10	7	...	25	...	1	2	1	2	8	...	16
Biliary calculi 114	41	1	1	...	5	...	1	3	...	...	...	...	2
Other diseases of the liver 115	113	8	6	1	6	...	1	1	...	...	2	...	6
Diseases of the spleen 116	5	...	...	...	...	...	...	...	...	...	...	...	...
Simple peritonitis (nonpuerperal) 117	16	...	...	...	2	1	1	...	...	...	1	1	2
Other diseases of the digestive system (cancer and tuberculosis excepted)..118	9	...	...	...	1	1	...	...	...	...	...	...	...
Acute nephritis 119	313	10	7	1	12	1	1	1	...	...	3	...	24
Bright's disease 120	3415	104	79	2	181	16	11	17	8	10	110	17	258
Chyluria 121	...	...	...	...	...	...	...	...	...	...	...	...	...
Other diseases of the kidneys and annexa 122	55	2	2	...	2	...	...	1	...	...	3	...	2
Calculi of the urinary passages 123	2	...	...	...	...	...	...	...	...	...	...	...	...
Diseases of the bladder 124	52	...	...	...	3	...	...	1	...	...	1	...	2
Other diseases of the urethra, urinary abscess, etc. 125	6	...	...	...	1	...	...	...	...	...	...	...	...
Diseases of the prostate 126	77	3	2	...	3	...	...	...	...	...	5	1	4
Nonvenereal diseases of the male genital organs 127	7	...	...	...	...	...	...	...	...	...	...	...	...
Uterine hæmorrhage (nonpuerperal)....128	4	...	...	...	...	...	...	...	...	...	...	...	...
Uterine tumor (noncancerous) 129	42	1	1	...	1	...	...	...	...	...	1	...	...
Other diseases of the uterus 130	16	2	2	...	2	...	...	...	...	...	3	1	1
Cysts and other tumors of the ovary..131	16	1	...	...	4	...	1	...	1	...	...	...	1
Salpingitis and other diseases of the female genital organs 132	48	2	2	...	4	...	1	...	...	...	...	...	5
Nonpuerperal diseases of the breast (cancer excepted) 133	2	...	...	...	...	...	...	...	...	...	...	...	...
Accidents of pregnancy 134	79	...	...	...	9	...	1	...	1	...	3	...	11
Puerperal hæmorrhage 135	41	2	...	1	...	...	...	...	...	...	3	1	3
Other accidents of labor 136	36	...	...	...	3	...	...	...	...	...	1	...	...
Puerperal septichæmia 137	118	4	2	...	8	...	...	...	...	...	4	...	8
Puerperal albuminuria and convulsions 138	125	4	2	...	6	...	...	1	...	...	3	1	8
Puerperal phlegmasia alba dolens, embolus, sudden death 139	14	...	...	...	1	...	1	...	...	...	1	...	1
Following childbirth (not otherwise defined) 140	3	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal diseases of the breast....141	1	...	...	...	...	...	...	...	...	...	...	...	...
Gangrene 142	56	2	2	...	3	...	...	...	...	...	2	...	3
Furuncle 143	22	1	...	...	1	...	...	2	...	...	...	...	4
Acute abscess 144	43	2	2	...	...	...	...	...	...	...	...	...	4
Other diseases of the skin and annexa..145	22	...	...	...	...	...	...	...	...	...	1	...	1
Diseases of the bone (tuberculosis excepted) 146	62	1	1	...	4	...	...	...	...	...	1	...	5
Diseases of the bone (tuberculosis and rheumatism excepted) 147	7	1	1	...	...	...	...	...	...	...	...	...	...
Amputations 148	...	...	...	...	...	...	...	...	...	...	...	...	...
Other diseases of the organs of locomotion 149	1	...	...	...	...	...	...	...	...	...	...	...	...
Congenital malformations (stillbirths not included) 150	446	14	12	...	23	...	2	1	...	...	12	1	60

5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL. —*Continued.*

Camden City.	Gloucester City.	Cape May County.	Cumberland County.	Bridgeton.	Millville.	Vineland.	Essex County.	Bloomfield.	East Orange.	Irvington.	Montclair.	Newark.	Nutley.	Orange.	South Orange.	West Orange.	Gloucester County.	Hudson County.	Bayonne.	Guttenberg.	Harrison.	Hoboken.	Jersey City.
37	2	1	11	3	3	1	90	1	2	...	3	62	1	10	1	2	10	95	13	2	2	7	53
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	1	5	2	1	1	14	2	3	3	3	51	...	4	1	2	1	34	6	...	1	7	13
14	1	2	4	1	1	...	59	...	2	4	1	38	1	4	2	1	2	33	2	...	2	6	42
4	...	2	2	...	...	...	25	1	2	...	3	18	...	...	...	...	1	13	1	...	...	2	7
...	...	...	...	...	...	...	3	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...
12	2	3	5	...	3	1	17	2	3	3	2	50	...	6	...	1	5	36	5	1	2	7	41
1	...	...	1	1	...	...	1	...	...	...	1	5	...	...	...	...	...	12	1	...	...	...	4
4	...	1	4	...	2	1	21	...	...	...	...	18	...	2	...	2	1	33	2	...	1	5	9
...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
2	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...
16	2	2	17	4	3	4	56	1	3	3	6	35	1	3	...	1	3	72	8	2	1	17	33
161	17	36	68	20	10	10	710	21	50	23	33	485	5	34	6	9	61	665	71	9	15	46	365
2	...	1	3	...	...	1	11	...	1	...	...	8	...	1	...	1	...	12	1	...	1	3	3
1	...	1	4	1	...	1	11	1	1	2	...	6	...	...	...	1	1	1	...	...	...	...	2
...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...
3	...	1	8	5	...	...	9	...	1	...	1	2	...	1	1	2	...	12	1	...	...	1	6
...	...	...	...	...	...	...	2	...	...	...	...	2	...	...	...	...	...	2	...	...	...	...	1
...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
...	...	...	3	1	1	...	11	...	1	...	...	9	...	...	...	...	...	7	...	...	...	1	4
1	...	...	1	...	...	...	1	...	...	...	...	1	...	...	...	...	...	1	...	...	2	...	4
2	...	...	4	...	...	...	4	...	...	...	...	4	...	...	...	...	...	12	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
4	...	...	1	...	1	...	8	...	...	...	...	7	...	...	...	...	...	11	1	...	1	1	5
...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
8	...	...	...	...	...	...	19	...	1	...	...	16	...	1	...	...	...	13	2	...	...	2	4
3	...	...	...	...	...	...	5	...	...	...	...	4	...	1	...	...	1	7	...	...	...	1	4
...	...	...	3	2	...	1	12	...	1	...	...	9	...	...	...	...	...	9	...	...	1	1	4
8	...	...	2	2	...	...	18	...	2	...	2	13	...	...	1	2	...	21	3	...	2	4	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	1	1	...	1	...	31	3	...	...	1	17	...	3	...	2	1	31	6	...	...	...	23
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	2	...	...	...	...	1
2	1	...	1	...	...	...	12	1	1	...	1	7	...	1	...	...	2	5	...	1	1	3	3
4	...	...	2	...	...	...	4	...	...	...	...	3	...	...	...	...	...	3	...	...	...	1	1
3	...	1	2	...	1	...	11	1	1	...	...	5	...	2	...	...	...	11	...	...	...	3	1
...	...	...	1	...	1	...	2	...	...	...	...	2	...	...	...	...	...	6	...	...	...	1	3
5	...	...	2	1	1	...	16	...	2	1	2	9	...	2	...	...	...	14	3	1	...	3	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	1	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
49	1	3	4	...	3	...	83	2	3	4	4	56	...	5	1	2	7	89	16	...	4	8	39

TABLE 2A.—DEATHS IN THE COUNTIES OF NEW JERSEY AND IN EACH MUNICIPALITY OF LIST): 1918

	Kearny.	Town of Union.	West Hoboken.	West New York.	Hunterdon County.	Mercer County.	Princeton.	Trenton.	Middlesex County.	New Brunswick.	Perth Amboy.	Roosevelt.	South Amboy.
Diarrhœa and enteritis (2 years and over) 105	1	2	5	2	7	20	2	15	17	3	2	3	1
Ankylostomiasis 106													
Intestinal parasites 107													
Appendicitis and typhlitis 108	6	7	4	3	1	6		5	17	3	1	2	
Hernias, intestinal obstructions 109	1	2				4	17	3	14	12	4		1
Other diseases of the intestines 110				1		9	1	6	5	2	2		1
Acute yellow atrophy of the liver 111													
Hydatid tumor of the liver 112													
Cirrhosis of the liver 113	2	3	9	1	2	12	1	9	5		3	1	1
Biliary calculi 114		1	1			4		3	2	1	1		
Other diseases of the liver 115			4		1	2		2	8	2	1	1	
Diseases of the spleen 116						1		2					
Simple peritonitis (nonpuerperal) 117													
Other diseases of the digestive system (cancer and tuberculosis excepted) 118				1		2		2					
Acute nephritis 119	3	1	1	1	5	11	3	4	15	1	6	1	
Bright's disease 120	34	19	39	15	48	174	10	125	119	36	25	6	8
Chyluria 121													
Other diseases of the kidneys and annexa 122	2					5		4					
Calculi of the urinary passages 123	1												
Diseases of the bladder 124						2		2	7	3	1	1	
Other diseases of the urethra, urinary abscess, etc. 125						1			1		1		
Diseases of the prostate 126	1			1		6		6	3	1	2		
Nonvenereal diseases of the male genital organs 127													
Uterine hæmorrhage (nonpuerperal) 128			1			1		1					
Uterine tumor (noncancerous) 129									1	1			
Other diseases of the uterus 130			1		1	2		2	2	1	1		
Cysts and other tumors of the ovary 131						1		1					
Salpingitis and other diseases of the female genital organs 132		1			2	1		1	1				
Nonpuerperal diseases of the breast (cancer excepted) 133													
Accidents of pregnancy 134	3		1		1	5		5	4	1	2	1	
Puerperal hæmorrhage 135			1			7		7	2			1	
Other accidents of labor 136						2		1	4	1		1	
Puerperal septichæmia 137	1				1	9		8	9	1	5		
Puerperal albuminuria and convulsions 138				1	1	9		7	5		1		
Puerperal phlegmasia alba dolens, embolus, sudden death 139						3		1	1	1			
Following childbirth (not otherwise defined) 140			1										
Puerperal diseases of the breast 141	1												
Gangrene 142						4		3	4	1			
Furuncle 143		1				1			2		1		
Acute abscess 144			1			2		2					
Other diseases of the skin and annexa 145			1		1	1		1	2		1	1	
Diseases of the bones (tuberculosis excepted) 146			1			2		2	4	1	1	2	
Diseases of the bones (tuberculosis and rheumatism excepted) 147						1		1					
Amputations 148													
Other diseases of the organs of locomotion 149													
Congenital malformations (stillbirths not included) 150	2	4	3	8	7	31		24	23	2	9	5	

5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL —*Continued.*

	Monmouth County.	Asbury Park.	Long Branch.	Red Bank.	Morris County.	Dover.	Morristown.	Ocean County.	Passaic County.	Passaic City.	Paterson.	Salem County.	Salem City.	Somerset County.	North Plainfield.	Somerville.	Sussex County.	Union County.	Elizabeth.	Plainfield.	Rahway.	Summit.	Westfield.	Warren County.	Phillipsburg.
Diarrhœa and enteritis (2 years and over) 105	15		4	2	18		4	1	35	12	20	5	1	8	1		4	26	14	8	1	1	1	10	6
Ankylostomiasis 106																									
Intestinal parasites 107																									
Appendicitis and typhlitis 108	11	2	2	1	5	1	1	3	22	7	14	1	1	3				18	10	2	2	1	2		
Hernias, intestinal obstructions 109	12		2	2	8		2	5	34	6	24	3	1	6	1	1	2	17	14	1			1	1	1
Other diseases of the intestines 110	2				2			3	5	2	2	3		1			1	7	1	2			1	1	
Acute yellow atrophy of the liver 111																									
Hydatid tumor of the liver 112																		1							
Cirrhosis of the liver 113	10	1	3	1	6	1	2	5	32	6	17			4			1	22	16		1	2		2	1
Biliary calculi 114					1				4	1	3							3	2			1			
Other diseases of the liver 115	8			2	2		1		10	3	5	3		2		1	2	1					1		
Diseases of the spleen 116					1																				
Simple peritonitis (nonpuerperal) 117	1		1	1					2		1			1				1				1			
Other diseases of the digestive system (cancer and tuberculosis excepted) 118																									
Acute nephritis 119	1	1			1				1		1														
Bright's disease 120	11	1	2	3	8	2	1	3	34	7	19	7	1	2	2		2	9	6	1	1			7	
Chyluria 121	177	18	31	19	63	7	9	40	280	45	192	38	9	38	8	10	31	147	57	34	8	5	12	61	22
Other diseases of the kidneys and annexa 122	2				2				3		2			1	1			4		2		1	1	2	1
Calculi of the urinary passages 123	3		2		1		1		1	1		2	1	1	1		1	6	3	1			1	3	2
Diseases of the bladder 124									1																
Other diseases of the urethra, urinary abscess, etc. 125	3	1			2		1		5	1	2	3		4		1		3			1			3	
Diseases of the prostate 126					2																				
Nonvenereal diseases of the male genital organs 127	4	1			1				3	1	2							1		2					
Uterine hæmorrhage (nonpuerperal) 128																		2	2						
Uterine tumor (noncancerous) 129	1		1															1	1					1	
Other diseases of the uterus 130	3		1				1		2	2		4	3					3	2						
Cysts and other tumors of the ovary 131																									
Salpingitis and other diseases of the female genital organs 132					2				9	1	8							3	3						
Nonpuerperal diseases of the breast (cancer excepted) 133	1				1				5	2	1							4	3						
Accidents of pregnancy 134					1	1			3									2							
Puerperal hæmorrhage 135	6				2		1	1	9	1	6			2		3		9	6	3				1	
Other accidents of labor 136																									
Puerperal septichæmia 137	3		1		3	1	2	1	6	4	2	3		1			1	6	1	2	1	1			
Puerperal albuminuria and convulsions 138					2				2		1							1	1						
Puerperal phlegmasia alba dolens, embolus, sudden death 139																									
Following childbirth (not otherwise defined) 140																									
Puerperal diseases of the breast 141	4	1	1		2		1	1	2		1	1		1			1	4	1	1	1			1	
Gangrene 142	1				1				1	1	1							1	1						
Furuncle 143	1				1			1	4	3	1							3	3						
Acute abscess 144	1								3		2	1						2	1		1				
Other diseases of the skin and annexa 145																									
Diseases of the bones (tuberculosis excepted) 146	3		1		1	1			2	1	1			1				4	3			1	2	1
Diseases of the bones (tuberculosis and rheumatism excepted) 147	2			1														1							
Amputations 148																									
Other diseases of the organs of locomotion 149																									
Congenital malformations (stillbirths not included) 150	11			2	14		2	3	29	10	13	3	1	5		2	4	15	9	2	1			6	5

TABLE 2A.—DEATHS IN THE COUNTIES OF NEW JERSEY AND IN EACH MUNICIPALITY OF 5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL LIST): 1918

	State Total.	Atlantic County.	Atlantic City.	Hammonton.	Bergen County.	Englewood.	Garfield.	Hackensack.	Ridgewood.	Rutherford.	Burlington County.	Burlington City.	Camden County.
Congenital debility, icterus and sclerema 151	1009	38	12	3	115	10	19	16	2	1	55	1	112
Other diseases peculiar to early infancy 152	434	4	2	....	26	2	2	2	....	....	5	....	21
Lack of care 153	15	....	....	....	2	1	....	....	....	....	2	....	2
Senility 154	253	11	4	3	17	1	....	2	1	1	20	1	23
Suicide by poison 155	34	....	....	....	2	....	....	....	....	....	3	....	1
Suicide by asphyxia 156	95	4	3	....	8	1	....	2	....	2	3	....	4
Suicide by hanging or strangulation 157	61	2	1	....	2	....	....	....	....	....	3	....	2
Suicide by drowning 158	20	....	....	....	2	....	....	....	....	....	3	....	5
Suicide by firearms 159	94	5	3	....	13	1	....	....	1	....	3	....	....
Suicide by cutting or piercing instruments 160	21	....	....	....	2	....	....	....	....	....	3	1	....
Suicide by jumping from a high place 161	10	1	1	....	1	....	....	....	....	....	1	....	....
Suicide by crushing 162	2	....	....	....	....	....	....	....	....	....	....	....	1
Other suicides 163	3	1	....	....	....	....	....	....	....	....	....	....	....
Poisoning by food 164	31	3	1	1	1	....	....	....	....	....	1	....	1
Other acute poisonings 165	31	2	2	....	....	....	....	....	....	....	....	....	2
Conflagration 166	46	....	....	....	2	....	....	....	....	....	....	....	1
Burns (conflagration excepted) 167	328	9	5	2	21	1	2	3	....	1	8	3	25
Absorption of deleterious gases (conflagration excepted) 168	249	10	9	....	6	....	....	....	1	1	2	....	....
Accidental drowning 169	254	10	6	2	8	1	2	....	....	....	17	2	5
Traumatism by firearms 170	30	....	....	....	2	....	....	....	....	....	1	....	17
Traumatism by cutting or piercing instruments 171	....	....	....	....	....	....	....	....	....	....	....	....	2
Traumatism by fall 172	459	3	2	....	23	2	3	2	....	1	8	....	32
Traumatism in mines and quarries 173	11	....	....	....	....	....	....	....	....	....	....	....	....
Traumatism by machines 174	78	4	4	....	3	....	....	....	....	....	3	1	4
Traumatism by other crushing (vehicles, railroad, landslides, etc.) 175	979	25	14	....	62	3	1	2	....	1	31	4	71
Injuries by animals 176	10	1	....	....	1	....	....	....	....	....	....	....	....
Starvation 177	2	....	....	....	1	....	....	....	....	....	....	....	....
Excessive cold 178	14	....	....	....	1	....	....	....	....	....	1	....	2
Effects of heat 179	90	1	....	....	4	....	1	....	....	....	3	....	9
Lightning 180	4	....	....	....	....	....	....	....	....	....	1	....	....
Electricity (lightning excepted) 181	23	2	1	....	....	....	....	....	....	....	....	....	1
Homicide by firearms 182	81	2	2	....	6	1	....	....	....	....	2	1	4
Homicide by cutting or piercing instruments 183	16	....	....	....	....	....	....	....	....	....	....	....	....
Homicide by other means 184	47	2	1	....	1	....	....	....	....	....	....	....	2
Fractures (cause not specified) 185	2	....	....	....	3	....	....	....	....	....	1	....	3
Other external violence 186	167	....	....	....	2	....	1	....	....	....	1	....	1
Ill-defined organic disease 187	2	....	....	....	....	....	....	....	....	....	....	....	12
Sudden death 188	1	....	....	....	....	....	....	....	....	....	....	....	....
Cause of death not specified or ill-defined 189	55	1	1	....	4	....	1	....	....	....	1	....	1
Total	60852	1672	1063	103	3246	215	282	301	82	117	1613	265	4411

5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL LIST): 1918—*Continued.*

	Camden City.	Gloucester City.	Cape May County.	Cumberland County.	Bridgeton.	Millville.	Vineland.	Essex County.	Bloomfield.	East Orange.	Irvington.	Montclair.	Newark.	Nutley.	Orange.	South Orange.	West Orange.	Gloucester County.	Hudson County.	Bayonne.	Guttenberg.	Harrison.	Hoboken.	Jersey City.
Congenital debility, icterus and sclerema 151	73	8	10	35	13	9	2	402	9	22	13	14	277	10	29	1	11	32	397	44	3	7	45	207
Other diseases peculiar to early infancy 152	15	1	2	4	3	1	....	105	....	3	....	2	80	1	11	....	2	7	102	13	1	5	14	54
Lack of care 153	17	....	....	8	4	2	....	37	5	1	4	....	18	....	2	1	1	4	28	2	....	1	1	....
Senility 154	1	....	....	3	....	2	....	6	....	....	1	....	3	....	1	....	....	2	8	1	....	....	....	17
Suicide by asphyxia 156	1	....	....	3	....	1	1	17	....	2	2	1	19	1	....	....	....	....	20	....	....	2	3	4
Suicide by hanging or strangulation 157	1	....	....	....	....	....	....	2	....	....	....	....	6	....	....	....	....	1	6	....	....	....	....	10
Suicide by drowning 158	3	....	2	1	....	1	....	12	....	1	....	....	1	....	....	....	....	1	23	1	....	....	....	2
Suicide by firearms 159	2	....	....	1	....	....	1	12	3	....	....	2	15	....	1	....	1	1	7	1	....	....	3	2
Suicide by cutting or piercing instruments 160	....	....	....	1	....	....	1	7	1	....	....	....	4	....	....	....	....	....	2	....	....	....	1	1
Suicide by jumping from a high place 161	....	....	1	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	4	....	1	....	....	3
Suicide by crushing 162	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Other suicides 163	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Poisoning by food 164	1	....	....	1	....	....	....	9	1	....	....	....	4	....	1	....	....	....	3	1	....	....	....	1
Other acute poisonings 165	1	....	....	....	....	....	....	11	....	....	....	....	11	....	....	....	....	1	5	....	....	....	....	4
Conflagration 166	7	....	....	....	....	....	....	2	....	....	....	....	20	....	....	....	....	1	6	....	....	....	....	5
Burns (conflagration excepted) 167	19	2	2	2	2	....	....	30	1	....	1	3	44	....	3	3	3	3	84	18	1	3	10	42
Absorption of deleterious gases (conflagration excepted) 168	....	....	....	4	....	3	1	78	2	....	5	2	64	1	2	....	1	....	56	7	1	2	3	30
Accidental drowning 169	11	1	2	9	1	....	1	16	1	....	....	2	10	....	....	....	....	14	49	4	....	2	3	25
Traumatism by firearms 170	2	....	2	1	....	....	1	3	1	....	....	....	1	....	1	....	....	1	3	....	....	....	....	2
Traumatism by cutting or piercing instruments 171	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
Traumatism by fall 172	21	2	3	15	10	1	3	90	5	5	1	6	61	2	7	....	1	8	97	11	1	4	9	51
Traumatism in mines and quarries 173	2	1	....	....	....	....	....	19	....	1	1	....	13	....	1	....	1	2	15	2	....	1	3	7
Traumatism by machines 174	49	6	1	18	3	4	6	167	8	5	6	6	121	1	6	1	1	18	191	19	....	4	24	110
Traumatism by other crushing (vehicles, railroad, landslides, etc.) 175	....	....	1	....	....	....	....	1	....	....	....	....	1	....	1	....	....	....	2	....	....	....	....	....
Injuries by animals 176	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
Starvation 177	8	....	....	....	....	....	....	15	1	....	....	1	11	....	1	1	....	2	15	....	1	....	....	11
Excessive cold 178	....	....	....	....	....	....	....	1	....	....	1	....	6	....	....	....	....	....	2	....	....	....	1	1
Effects of heat 179	4	....	....	1	....	....	....	17	....	2	....	....	13	....	1	....	....	1	21	....	....	2	1	13
Lightning 180	2	....	....	....	....	....	....	2	....	....	....	....	2	....	....	....	....	....	4	1	....	....	....	3
Electricity (lightning excepted) 181	1	....	....	....	....	....	....	8	3	....	....	....	5	....	....	....	....	2	11	3	....	1	2	4
Homicide by firearms 182	1	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....
Homicide by cutting or piercing instruments 183	10	1	....	2	....	1	....	6	....	....	....	....	6	....	....	....	....	1	13	2	2	....	....	8
Homicide by other means 184	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1
Fractures (cause not specified) 185	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
Other external violence 186	....	....	1	1	....	....	....	2	....	1	....	....	1	....	....	....	....	1	5	....	....	....	2	1
Ill-defined organic disease 187	3088	314	340	1375	417	330	198	11839	344	591	295	433	8310	132	656	111	260	903	12196	1519	114	303	1373	6177
Sudden death 188																								
Cause of death not specified or ill-defined 189																								
Total																								

TABLE 2A.—DEATHS IN THE COUNTIES OF NEW JERSEY AND IN EACH MUNICIPALITY OF 5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL LIST): 1918

	Kearny.	Town of Union.	West Hoboken.	West New York.	Hunterdon County.	Mercer County.	Princeton.	Trenton.	Middlesex County.	New Brunswick.	Perth Amboy.	Roosevelt.	South Amboy.
Congenital debility, icterus and sclerema 151	13	9	20	25	9	127	2	100	163	44	32	10	2
Other diseases peculiar to early infancy 152	4	1	3	3	5	18		14	23	9	5	3	1
Senility 153					1								
Suicide by poison 154		1	4		4	11	1	5	19	5	3		
Suicide by asphyxia 155		1	1	1	1	1		1					
Suicide by hanging or strangulation....157	1	1		1	1	5		5	4				1
Suicide by drowning 158	2				2	2		1	3	1			
Suicide by firearms 159			1		2	3		1	2	1			
Suicide by cutting or piercing instruments 160						1		1	2		1		
Suicide by jumping from a high place..161									1		1		
Suicide by crushing 162													
Other suicides 163					1								
Poisoning by food 164													
Other acute poisonings 165			1			1		1	6	3	2		
Conflagration 166				1		6		3	3		1	1	1
Burns (conflagration excepted) 167		1	3	1		19		18	20	5	1	1	1
Absorption of deleterious gases (conflagration excepted) 168	3	1	3	3	1	8	1	7	12	6	1	2	2
Accidental drowning 169	5	1	2	2	4	14		9	31	4	12		2
Traumatism by firearms 170						1			1				
Traumatism by cutting or piercing instruments 171													
Traumatism by fall 172	2	3	7	1	4	23	1	18	25	10	4	2	4
Traumatism in mines and quarries 173									1				
Traumatism by machines 174	2	1				4		4	8	2	1	4	1
Traumatism by other crushing (vehicles, railroad, landslides, etc.) 175	8	2	6	3	10	51	1	37	84	12	20	1	11
Injuries by animals 176	1			1	1								
Starvation 177													
Excessive cold 178									1	1			
Effects of heat 179	1				1	5	1	3	10	4	2		
Lightning 180						1		1					
Electricity (lightning excepted) 181									2				1
Homicide by firearms 182	1		1	2	1	2		1	4	1	2		1
Homicide by cutting or piercing instruments 183						1		1	3	1			
Homicide by other means 184				1		1		1	5	3			
Fractures (cause not specified) 185													
Other external violence 186	1				11	2			66	2	9	1	46
Ill-defined organic disease 187									1		1		
Sudden death 188													
Causes of death not specified or ill-defined 189	2								19	3	4	1	1
Total	475	330	641	400	631	3367	124	2631	3731	845	1048	261	270

TABLE 2A.—DEATHS IN THE COUNTIES OF NEW JERSEY AND IN EACH MUNICIPALITY OF 5,000 POPULATION OR OVER IN 1910, AND CAUSE OF DEATH (DETAILED INTERNATIONAL LIST): 1918—*Continued.*

	Monmouth County.	Asbury Park.	Long Branch.	Red Bank.	Morris County.	Dover.	Morristown.	Ocean County.	Passaic County.	Passaic City.	Paterson.	Salem County.	Salem City.	Somerset County.	North Plainfield.	Somerville.	Sussex County.	Union County.	Elizabeth.	Plainfield.	Rahway.	Summit.	Westfield.	Warren County.	Phillipsburg.
Congenital debility, icterus and sclerema 151	41	8	6	4	37	8	6	6	175	62	89	26	5	18	5	2	12	142	78	20	4	5	5	24	14
Other diseases peculiar to early infancy 152	13	3	2	4	16	2	2	1	33	9	18	5	1	4	2		8	29	10	11		1	1	3	2
Senility 153					2				1		1							2							
Suicide by poison 154	8	1			19	4	4	2	17	2	12	1		8	1	1	3	12	2	4					
Suicide by asphyxia 155	1				1				2			1						2							
Suicide by hanging or strangulation....157	1				1		1		8		2	1		1		1		8	2					1	
Suicide by drowning 158	1			1	2				11	3	6	1		4	1		1	8	3						
Suicide by firearms 159					1				2			1	1					1						1	1
Suicide by cutting or piercing instruments 160	4				1			1	9	1	5	1		1				3	2	1			1	4	1
Suicide by jumping from a high place..161	1	1							2	1	1														
Suicide by crushing 162																									
Other suicides 163	1																								
Poisoning by food 164	1		1		1													1			1				
Other acute poisonings 165	1				1		1		2		2						1	3	3						
Conflagration 166	3				1				2		2	1	1					1							
Burns (conflagration excepted) 167	8		1	13	1	3	1	12	7	17	6	1		2			1	16	10	4				1	
Absorption of deleterious gases (conflagration excepted) 168	3	1		2	2		1		32	3	23	4		1		1		12	11	3	1		3	1	1
Accidental drowning 169	12	1	1	2	8	1		3	13	4	3	9	1	2			1	8	6	1	1		3	1	1
Traumatism by firearms 170					2			1	2		1	2	1	1				4		1	1				
Traumatism by cutting or piercing instruments 171																									
Traumatism by fall 172	19		4	1	13	4	1	4	44	8	32	2		3			5	24	9	6	3		8		
Traumatism in mines and quarries 173					4			1	2		1						3						1		
Traumatism by machines 174								1	4	1							2	4	2	1			1		
Traumatism by other crushing (vehicles, railroad, landslides, etc.) 175	25	4	4	1	30	10	3	5	78	11	49	14	3	16		3	8	58	23	7	9	1	2	16	6
Injuries by animals 176	1											1	1											1	
Starvation 177																		1	1						
Excessive cold 178	2								1		1			2		1		1	1						
Effects of heat 179	4	1		1	3		3		1	1		11	1	3				3	2						
Lightning 180												1					1								
Electricity (lightning excepted) 181					2				1	1		1						3	1	1	1				
Homicide by firearms 182					3		1		4	1	2	3	1	3				7	4		3				
Homicide by cutting or piercing instruments 183												1													
Homicide by other means 184					1				3		3			1				1					1		
Fractures (cause not specified) 185									1		1							4	1	1		1	2		
Other external violence 186	8	1	2	3	4		1	1	27	3	6	1	1	1				8	5					1	
Ill-defined organic disease 187																									
Sudden death 188																									
Causes of death not specified or ill-defined 189	3	1	1	1	1				8	2	3			1			1	2	2					3	1
Total ....| 1983	210	252	210	1736	245	259	371	4681	1147	2669	726	166	863	116	131	608	3528	1773	550	251	137	148	942	377

TABLE 3.—DEATHS BY OCCUPATIONS, AGE GROUPS

		AGRICULTURE, FORESTRY AND ANIMAL HUSBANDRY.	Farmers.	Farm laborers.	Fishermen and oystermen.	Gardeners, florists, fruit growers and nurserymen.	Other agricultural and animal husbandry pursuits.	EXTRACTION OF MINERALS.	Foremen, overseers and inspectors.	Miners.	Quarry operatives.	MANUFACTURING AND MECHANICAL INDUSTRIES.	Bakers.
Tuberculosis of lungs.	10 to 19		1	1									
	20 to 29		4	3			1			1			
	30 to 39		8	2		4	1			3	1		
	40 to 49		8	3	1	3	1			1			
	50 to 59		7	2		3							
	60 to 69		1			1							
	70 to 79		5							1			
	80 to 89					1							
	90 and over												
Totals			34	13	1	14	3			6	1		13
Cancer and other malignant tumors.	10 to 19												1
	20 to 29				1								2
	30 to 39												
	40 to 49		13	3	3	1				2	2		2
	50 to 59		21	3	1	8							1
	60 to 69		30	2		4							4
	70 to 79		6	1									2
	80 to 89												
	90 and over												
Totals			70	11	5	14				2	2		12
Diseases of the nervous system and of the organs of sense.	10 to 19			1									
	20 to 29				1								
	30 to 39		1										1
	40 to 49		9	1		2							
	50 to 59		14	1	1	2	1			1			1
	60 to 69		40	8	4	3	1			1	1		1
	70 to 79		63	3	2	5				1			3
	80 to 89		33		1	2							
	90 and over		7										
Totals			167	14	8	14	2			1	3		6
Diseases of the circulatory system.	10 to 19												
	20 to 29		4	1									
	30 to 39		3	2		3				1			
	40 to 49		10	2		2				1			3
	50 to 59		20	8	3	5			1	1			5
	60 to 69		57	5	1	11				2	2		5
	70 to 79		80	12	4	10	1				2		3
	80 to 89		46	6		2							2
	90 and over		9	1	1								
Totals			229	37	9	33	1		1	5	4		18

AND SELECTED CAUSES, NEW JERSEY, 1917.

	Blacksmiths, forgemen and hammermen.	Boilermakers.	Brick and stone masons.	Builders and building contractors.	Carpenters, sawyers and cabinet makers.	Compositors, linotypers and typesetters.	Dressmakers and seamstresses (not in factory).	Dyers.	Electricians and electrical engineers.	Engineers (stationary).	Engravers.	Filers, grinders, buffers and polishers (metal).	Firemen (except locomotive and fire department).	Glassblowers.	Jewelers, watchmakers, goldsmiths and silversmiths.	Laborers (general and not specified laborers).	Building and hand trades.	Chemical industries.
Tuberculosis of lungs.																		
Totals																		
Cancer and other malignant tumors.																		
Totals																		
Diseases of the nervous system and of the organs of sense.																		
Totals																		
Diseases of the circulatory system.																		
Totals																		

TABLE 3.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		Manufg & Mechanical Industries—Continued. Laborers (clay, glass and stone industries).	Iron, steel and other metal industries.	Lumber and furniture industries.	Textile industries.	Other industries.	Machinists, millwrights and toolmakers.	Managers, superintendents and foremen (manufacturing).	Manufacturers and officials.	Mechanics (gunsmiths, locksmiths, wheelwrights, etc.).	Millers (grain, flour, feed, etc.).	Milliners and millinery dealers.
Tuberculosis of lungs.	10 to 19					1	6					1
	20 to 29	1	1			11	23	2		2	1	
	30 to 39	2	3			7	15	4				
	40 to 49		6			6	11	9	1			1
	50 to 59	2	2			11	12	3	1	2		
	60 to 69					1	2	1				
	70 to 79						1	1				
	80 to 89											
	90 and over											
	Totals	5	12			47	86	22	2	4	1	4
Cancer and other malignant tumors.	10 to 19					1	4	1				
	20 to 29						3	1	1			
	30 to 39	1	1	1			3	4				
	40 to 49	2	2		1	1	5	5	1			
	50 to 59			1	1	2	6	6	4	1		
	60 to 69						1		4		1	
	70 to 79		1				1		1	1		
	80 to 89											
	90 and over											
	Totals	1	6	2	2	6	22	17	15	3	1	
Diseases of the nervous system and of the organs of sense.	10 to 19						1					
	20 to 29	1					5					
	30 to 39		1		2	2	2					
	40 to 49		2			1	8	3	2			
	50 to 59		1			4	10	4	4	1		
	60 to 69	1	2			3	8	3	4	2		
	70 to 79		1			1	3	3	3	2	1	1
	80 to 89									2	1	
	90 and over											
	Totals	2	6		2	13	42	15	18	6	2	
Diseases of the circulatory system.	10 to 19					1						
	20 to 29					1	6	1		1		
	30 to 39		3		1	4	3	1		1		
	40 to 49	2	1		2	6	13	6	6			
	50 to 59	2	2		1	7	12	11	8	2	2	
	60 to 69	1	1		1	3	10	13	2	6	1	1
	70 to 79	1	1			3	15	2	11	2	3	
	80 to 89		1				6		2	3	3	
	90 and over						1		1			
	Totals	6	9		5	25	66	34	30	20	8	1

SELECTED CAUSES, NEW JERSEY, 1917—*Continued.*

Molders, founders and casters.	Painters, glaziers, varnishers, enamelers, etc.	Paper hangers.	Plasterers.	Plumbers and gas and steam fitters.	Pressmen (printing).	Roofers and slaters.	Semi-skilled operatives (factory employes).	Chemical industries.	Cigar and tobacco factories.	Clay, glass and stone industries (except potteries).	Clothing industries.	Food industries.	Iron, steel and other metal industries.	Liquor and beverage industries.	Lumber and furniture industries.	Potteries.
				1			7		9	1	4	1	1			
3	3			12	3	2	16	1	3	3	12		7			3
4	10	2	1	11	11	3	9	1	1	2	6		13	2	1	5
3	19	3		8	10	1	2	1			7		6	4		11
3	7		1	5	3	2	4			2	12		7			8
	2	1	2									1	3			3
1	3						1						1			
14	46	6	4	37	31	10	39	3	15	8	41	2	38	6	1	30
					1											
				1										3	1	
	4	1	1	2	1						1		1		1	
3	8			1		1	1			2	1		5			2
	1	1		2	1	1		1	1		3		3			1
									2		1					
3	14	2	1	6	3	2	1	1	3	2	6		9	3	1	3
1							3					2				
	2						1	1	1		1		1			
1	4			1	1		2						1			1
2	4		1	3	2		3	1	2		1	1			1	
1	6	1		2	2				1		1	1	1			
	14		1	3	2		1		1		1	1	2		1	1
	13				2				1		1		1		1	
	8				1				1						1	
	1								1							
5	49	1	2	9	10		10	2	9		5	3	6		4	2
							1		1	1						
					1		3	4	1	1			2			1
1	2			1	1		1		1				4		3	1
4	5		1	4	2	1	2	2		2		2	3	1		1
2	12	1		4	2		3	1	3	1	4		5	1	1	3
2	12		1	4	2	2	1		4	2	1		1	1		3
2	3	2		1	3	2	2		1	1	3		4		2	2
2	4			1					1		4		1		1	
							1									
14	40	3	2	15	10	7	12	7	14	8	12	3	20	2	7	11

TABLE 3.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		Rubber industries.	Shoe factories.	Tanneries and other leather industries.	Textile industries.	Other industries.	Shoemakers and cobblers (not in factories).	Stonecutters.	Tailors and tailoresses.	Upholsterers.	Other manufacturing and mechanical industries.	TRANSPORTATION.
Tuberculosis of lungs.	10 to 19		1		5	9						4
	20 to 29	3	1	4	17	32	3		4		11	45
	30 to 39	3	1	4	18	23	4	1	2		18	67
	40 to 49		2	2	8	6	4		1		7	49
	50 to 59	1		6	9	11	4	5	2		4	33
	60 to 69	1			4	2					3	10
	70 to 79			2	1				1			
	80 to 89											
	90 and over											
	Totals	10	5	23	62	83	15	8	15		43	208
Cancer and other malignant tumors.	10 to 19				1						1	1
	20 to 29				3	2			1		1	4
	30 to 39	2	2	1	2	2	1		3		4	14
	40 to 49	2	2	1	6	7	2	1	1	1	4	29
	50 to 59	5	2		5	3	4	1	2		4	21
	60 to 69			1	1	1	1		1		6	16
	70 to 79						1		1			1
	80 to 89											
	90 and over											
	Totals	12	4	3	18	15	10	2	10	1	23	77
Diseases of the nervous system and of the organs of sense.	10 to 19		1			1	2		1			2
	20 to 29	1			1	3	1		1			6
	30 to 39	1			1	5			1		5	8
	40 to 49	2		1	8	6	3		3		4	17
	50 to 59	2		2	5	8	4			1	2	21
	60 to 69	2		2	7	3	4		2		2	24
	70 to 79	1				3	2		3		2	15
	80 to 89											7
	90 and over											1
	Totals	7	1	5	23	30	14		11	1	21	101
Diseases of the circulatory system.	10 to 19	1			2	4			1			3
	20 to 29				6	1	1				4	7
	30 to 39	2		1	3	3			3	1	3	16
	40 to 49		1		3	1	1		3	1	5	26
	50 to 59	6		3	12	12	2	2	5	1	11	34
	60 to 69	1		6	7	14	6	1	6	2	9	37
	70 to 79				6	4	5		2	1	6	31
	80 to 89	1			1		6		2		3	11
	90 and over								1			2
	Totals	11	1	12	44	53	21	3	25	7	40	167

SELECTED CAUSES, NEW JERSEY, 1917—*Continued.*

		TRADE.	Bankers, brokers and money lenders.	Clerks in stores.	Commercial travelers.	Delivery men.	Laborers.	Real estate and insurance agents and officials.	Salesmen and saleswomen.	Undertakers.	Wholesale and retail dealers.	Other pursuits.	PUBLIC SERVICE (not elsewhere classified).	Firemen (fire department).	Laborers (public service).	Officials and inspectors (city, county, state).	Policemen.	Soldiers, sailors and marines.	Other pursuits.
Tuberculosis of lungs.	10 to 19					1			4		1	1							1
	20 to 29		1					3	18		13	1			1	1			1
	30 to 39		1	5	1	6	2	2	7	1	8	3			2	1	3		6
	40 to 49		1	3	1	3	1	2	6		24	4		1	2	1	3		6
	50 to 59		3	1		2		1	4		26	3			1	2	1		5
	60 to 69							1	2		7					1	1		1
	70 to 79								1		3				1			1	
	80 to 89																		
	90 and over																		
	Totals		8	19	2	14	3	18	42	1	82	12		2	5	7	10	4	20
Cancer and other malignant tumors.	10 to 19								1										
	20 to 29			1		1		1	3		2	1		1		1			
	30 to 39		1			1		1	3		13						1		3
	40 to 49	1		1		1		4	4		18	1							3
	50 to 59	2							5	1	22	1				2	1		6
	60 to 69	4						2	1		12							1	1
	70 to 79										2								
	80 to 89																		
	90 and over																		
	Totals	7	2	1	3		8	17	1	71	3		1		3	6	1	12	
Diseases of the nervous system and of the organs of sense.	10 to 19			2						1								2	
	20 to 29					2				1								1	1
	30 to 39										1								
	40 to 49	2	1		1	1	1	4	4		5	2				2			
	50 to 59	3		1	1	1	1	4	9	1	13				1	1	1		6
	60 to 69	3		1	1	1	1	4	7	1	23	2		2		1	1		7
	70 to 79	5	1			1	1	4	4	2	30	3						1	6
	80 to 89					1	1	2	2		24					1	1		
	90 and over										10								
	Totals		10	5	1	7	4	15	29	4	106	10		3	2	4	4	4	12
Diseases of the circulatory system.	10 to 19			1															
	20 to 29			1		1		3			2								
	30 to 39			2		2	1	2	5		8	1				1		1	4
	40 to 49	1	4	1	1	1	3	12	1		12	5				1	2	1	2
	50 to 59	5	5		2	1	11	11			36	3		1	2	1	3		15
	60 to 69	4	2		2	1	11	16			47	5		2	2	4	7	2	19
	70 to 79	3	2	1			8	11			53	5		1	1	4	3	2	11
	80 to 89						3	1			20	1							
	90 and over							1	1		1								
	Totals	18	17	2	5	4	40	60	2	189	22		4	5	11	15	6	32	

TABLE 3.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		PROFESSIONAL SERVICE.	Architects.	Chemists, assayers, etc.	Civil and mining engineers and surveyors.	Clergymen.	Dentists.	Lawyers, Judges and Justices.	Musicians and teachers of music.	Photographers.	Physicians and surgeons.	Teachers.
Tuberculosis of lungs.	10 to 19											
	20 to 29				3	1			1	2		11
	30 to 39			1		2		1	1	4	1	4
	40 to 49			1	1	2	2			1		1
	50 to 59			1			1		1	1		1
	60 to 69					2						
	70 to 79											1
	80 to 89											
	90 and over											
Totals			2	4	7	5	1	5	8	1		21
Cancer and other malignant tumors.	10 to 19											
	20 to 29									2		
	30 to 39					1			1			
	40 to 49						2		1		1	1
	50 to 59									1		3
	60 to 69					1		1	2		1	2
	70 to 79		1			3	1		1		1	
	80 to 89										1	
	90 and over											
Totals			1		2	5	1	2	4	3	4	11
Diseases of the nervous system and of the organs of sense.	10 to 19											
	20 to 29		1									1
	30 to 39						3					1
	40 to 49						4	1	1	3	1	1
	50 to 59								1		1	2
	60 to 69					1		1	2	1		3
	70 to 79		2				3	1	1	2	1	
	80 to 89		1				3		1		1	1
	90 and over											
Totals			3		1	15	3	6	6	4	11	9
Diseases of the circulatory system.	10 to 19											
	20 to 29					1			1			3
	30 to 39											1
	40 to 49											3
	50 to 59		1			5		4	2	2	3	7
	60 to 69		2		1			3	4		3	3
	70 to 79		3		1	5	1	6	1	1	2	5
	80 to 89			1		6	1	2	2			1
	90 and over											
Totals			6	1	2	17	2	17	12	3	10	23

SELECTED CAUSES, NEW JERSEY, 1917—*Continued.*

Other professional and semi-professional pursuits.	DOMESTIC AND PERSONAL SERVICE.	Barbers, hairdressers and manicurists.	Bartenders.	Hotel keepers and managers.	Housekeepers and stewards.	Janitors and sextons.	Laundrers and laundresses.	Porters (except in stores).	Servants.	Waiters.	Other pursuits.	CLERICAL OCCUPATIONS.	Agents, canvassers, collectors.	Bookkeepers, cashiers and accountants.	Clerks (except clerks in stores).	Other clerical pursuits.
					36				8	3	1			2	18	2
6	6	5			252	1	2	6	19	10	7	1	15	88	15	
4	4	12		1	302	1	4	6	8	7	8	3	9	28	5	
2	2	7		2	184	3	1	10	9	4	9	1	7	22	4	
1	2	2		3	81	2	3	2	10	1	2	3	1	6		
3	1				47		1	1	6	1	1			1		
					12					1	1			2		
					4				1							
					1											
24	15	26		6	919	7	11	25	61	27	29		8	34	173	26
					1											1
					12				2						2	
		1			73		2		2		1		1	2	3	
4	1	1		1	248				5	1	5			8	8	
5	1			2	302	1	6	1	8	1	8		1	5	11	3
2				1	277	2			6		11		2		4	2
1				2	123	1	1		2		4		1		5	
	1				28				1							
					1											
12	3	2		6	1065	4	9	1	26	2	29		5	14	28	7
					2				2				1		1	2
	1				14			1	2					2	3	1
4		2			57			1	5		2		2		5	2
4		3		1	113	1	2	2	8	2	4		1	6	7	1
3	4			2	199	1	3	2	4		3		1	3	7	4
8	3				291	4	2	3	10		1		2	3	10	2
1	2			3	278	2			12	1	1			1	3	
	1			1	119		1		5		2				3	1
					5											
20	11	5		7	1078	8	8	10	48	3	13		7	17	41	13
					4											
2				2	81	3	1		4		4		1	2	7	4
4	2	4		2	133		2	4	9	3	7		2	2	14	2
6	2	4			204	8	2	3	15	1	13		2	3	24	1
10	4	1		5	337	2	3	5	20	1	4		2	7	16	2
8				4	431	1	3	4	17	2	15			4	29	5
7		1		2	424		1	2	9		6		1	4	11	3
	1			2	178			1	3		2			3	1	
					27				1							
37	9	10		18	1819	14	14	19	78	7	51		8	27	106	19

TABLE 3.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

	AGRICULTURE, FORESTRY AND ANIMAL HUSBANDRY.	Farmers.	Farm Laborers.	Fishermen and oystermen.	Gardeners, florists, fruit growers and nurserymen.	Other agricultural and animal husbandry pursuits.	EXTRACTION OF MINERALS.	Foremen, overseers and inspectors.	Miners.	Quarry operatives.	MANUFACTURING AND MECHANICAL INDUSTRIES.	Bakers.
Pneumonia. 10 to 19			1									
20 to 29			1						3			
30 to 39			3						3			1
40 to 49		1	2	1	3				2			
50 to 59		4	3	2	2	1			1	1		
60 to 69		3	1		3				1			1
70 to 79		3	3		1				1			
80 to 89		2	1									
90 and over					1							
Totals		15	20	13	13	1			11	2		4
Diseases of the respiratory system (pneumonia and tuberculosis of lungs excepted). 10 to 19												
20 to 29												
30 to 39												
40 to 49		1	1									
50 to 59		2	1		1							
60 to 69				1	1							
70 to 79		5	1		1					1		
80 to 89		1	1									
90 and over			1	1								
Totals		9	5	2	2				1			
Diseases of the digestive system. 10 to 19		1	3									
20 to 29		3										
30 to 39		3			1							
40 to 49		7	1						1			1
50 to 59		26	2		3	2			1			2
60 to 69		26			3							1
70 to 79		42	1									1
80 to 89		19	2									
90 and over		4										
Totals		133	9		7	2			2			5
Nonvenereal diseases of the genito-urinary system and annexa. 10 to 19			1									
20 to 29		2										
30 to 39		4	2	1	2							
40 to 49		5	2		1							
50 to 59		16	2	6	2					1		4
60 to 69		33	6	3	6				2	1		3
70 to 79		61	5		4							1
80 to 89		26	2		1							1
90 and over		2			1	1						
Totals		149	18	9	17	1			2	2		9

SELECTED CAUSES, NEW JERSEY, 1917—*Continued.*

Blacksmiths, forgemen and hammermen.	Boilermakers.	Brick and stone masons.	Builders and building contractors.	Carpenters, coopers and cabinet makers.	Compositors, linotypers and typesetters.	Dressmakers and seamstresses (not in factory).	Dyers.	Electricians and electrical engineers.	Engineers (stationary).	Engineers.	Firemen (except locomotive and fire department).	Glassblowers.	Jewelers, watchmakers, goldsmiths and silversmiths.	Laborers (general and not specified laborers).	Painting and hand trades.	Pharmacists.
				1		1								13		
				4		1								47		1
3			3	8		3	3	1	3			1	1	84	3	
4		4	2	6		2	1		3		5		1	87	3	
1		2	3	7	1	1		1	6	1	3		1	61	4	1
4	1	3	4	14	1	2			4			1	3	49		1
2	2	3	1	11					1			1		18		
				4										3		
14	5	14	12	55	2	8	4	6	17	2	11	7	3	362	12	3
														12		
									2					12		
1				1					2		2			10		
1		2		1					1					8		
1		2	1	6	1	1		1		1	1		2	10	1	2
1	1	2		1		1		1				1	1	18	2	
1		1	1	3		2		1					1	5		
				2				1					1	4		
				1												
5	1	5	2	15	1	3	1	5	4	1	1	2	2	59	3	2
														4		
			1	2					1			1		13	1	
		1	1	3							1		1	24		
1			1	3					1		1	3	1	31		
1		3	1	5					4	1	2	4	1	29	1	1
1	1	1	1	4			1		1			1	1	18	1	
3		2		4		1			1			1		15		
				3									1	3		
6	1	7	5	24		1	1		8	1	4	10	2	4	137	3	1
														4		
				1				1	1				1	16		
		2	1	4		1		1	2		3	3	2	37	1	
	1	2		6		2			1			1		51	1	1
3	3	2		17	1	5	1	2	9	1	1	2	2	68		1
3	3	8	1	12	3	4			4	4	1	1	1	67	1	1
2	1	7	11	12	1	3			2		1		1	54		
2	1	3	1	13					1			1	1	10		
			2											1		
17	9	26	26	85	5	15	1	5	20	5	6	14	2	7	308	3	3

TABLE 3.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		Laborers (clay, glass and stone industries).	Iron, steel and other metal industries.	Lumber and furniture industries.	Textile industries.	Other industries.	Machinists, millwrights and toolmakers.	Managers, superintendents and foremen (manufacturing).	Manufacturers and officials.	Mechanics (gunsmiths, locksmiths, wheelwrights, etc.).	Millers (grain, flour, feed, etc.).	Millliners and millinery dealers.
Pneumonia.	10 to 19					3						
	20 to 29		5	1		3	6					
	30 to 39	1	5			7	6	1				
	40 to 49	12	5			8	8	12		2		
	50 to 59	1	4			6	12	6	3	1		
	60 to 69	12	12			1	9	1	1	1		
	70 to 79					1	1		2	1		
	80 to 89											
	90 and over											
	Totals	6	21	1		29	42	10	6	5		4
Diseases of the respiratory system (pneumonia and tuberculosis of lungs excepted).	10 to 19											
	20 to 29					1						
	30 to 39						1		1			
	40 to 49	1	3				2					
	50 to 59		2			1	3	1	1		1	
	60 to 69											
	70 to 79						1		1	1		
	80 to 89					1	1					
	90 and over											
	Totals	1	5			3	12	1	4	1	1	
Diseases of the digestive system.	10 to 19											
	20 to 29	1				1	1	1				
	30 to 39		2	1		4	2	1				
	40 to 49		1			1	3	4	2			1
	50 to 59	1				1	6	3	3			
	60 to 69					2	2	2	2			
	70 to 79							1				
	80 to 89							1				
	90 and over											
	Totals	2	3	1		10	19	13	8			1
Nonvenereal diseases of the genito-urinary system and annexa.	10 to 19						1					
	20 to 29					3	4					
	30 to 39	1	3			2	5	3				
	40 to 49		2	1		5	4	4	2	1		
	50 to 59	2	1			3	14	1	3	1	1	
	60 to 69	2	3			1	13	1	10	4	1	
	70 to 79						2	4	2	2		1
	80 to 89							1				
	90 and over											
	Totals	5	9	1		16	46	20	17	8	2	1

SELECTED CAUSES. NEW JERSEY. 1917—*Continued.*

Molders, founders and casters.	Painters, glaziers, varnishers, enamelers, etc.	Paper hangers.	Plasterers.	Plumbers and gas and steam fitters.	Pressmen (printing).	Roofers and slaters.	Semi-skilled operatives (factory employes).	Chemical industries.	Cigar and tobacco factories.	Clay, glass and stone industries (except potteries).	Clothing industries.	Food industries.	Iron, steel and other metal industries.	Liquor and beverage industries.	Lumber and furniture industries.	Potteries.
							1									1
	2			2	1				1	3			1			1
2	6			6	2	1			1	3	4					
3	2			4	1	1	2	2		3	4		5	2		1
3	3			1	3		1	2			5		3	2	1	1
	4			2	3				1		1		3		1	1
	1					1							1			
					1											
10	21			15	11	3	6	6	3	9	14		17	2	2	8
								1	1			1				
	1							1						1		
1	1			1	1		2		1	1			1			1
1					1								1			1
	1								1	1		1			1	
1	1			1							1					
3	5			2	3		2	2	3	3	1	2	2	1	1	2
							3		1		1				1	
	1			4	2		1		1		1		1			
	1			1		1					1		3			
1	5	1		5			2				4		2	1		1
1	1		1	1		1					2		3			
1	1			2	1						1		1	1		
	3			1	1				1				2			
	1										1					
3	19	1	1	14	4	2	6		3	6	9		12	2	1	1
	1						1		1				2			
	1			1	1		2				1		2			1
1	3			1	1	1	2				2	1	1	1		1
2	15	1	1	4	4		3			1	1		3			1
1	15	1		7	1	2	1			1	4		3	1	2	1
1	9		1	4	1	1	1		5			1	3	1		
2	8				1	1				1	6		2			
1	4				1				2				1			
8	56	2	2	17	13	5	10		8	3	14	3	20	3	2	4

TABLE 3.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		Rubber Industries.	Shoe factories.	Tanneries and other leather Industries.	Textile Industries.	Other Industries.	Shoemakers and cobblers (not in factories).	Stonecutters.	Tailors and tailoresses.	Upholsterers.	Other manufacturing and mechanical Industries.	TRANSPORTATION.
Pneumonia.	10 to 19	1				4			1		1	3
	20 to 29	1			2	8			1	1	3	12
	30 to 39			3	3	10			1		3	12
	40 to 49	2			7	9	1		1		2	25
	50 to 59			3	7	6	1		2		11	25
	60 to 69	1		4	4	4	3	1			3	14
	70 to 79			1	2	1	2		2	1	3	9
	80 to 89						1		1			2
	90 and over											
	Totals	5		11	25	42	9	1	9	2	32	115
Diseases of the respiratory system (pneumonia and tuberculosis of lungs excepted).	10 to 19				1						1	
	20 to 29				2	1					2	6
	30 to 39				1	2						3
	40 to 49			1	1	2	1		1			6
	50 to 59	1			2	2				1	2	12
	60 to 69			1		2			1			3
	70 to 79					2			2		1	4
	80 to 89					1	4		1		1	8
	90 and over					1						1
	Totals	1		2	7	14	5		5	1	6	30
Diseases of the digestive system.	10 to 19				3	2			1			12
	20 to 29				2	7			2		2	4
	30 to 39	1		3	6	4			1			11
	40 to 49	1			4	4	2		3		1	9
	50 to 59	1		1	4	5	2			1	3	5
	60 to 69			4	6	5	2				3	8
	70 to 79			2	2		2		3		2	7
	80 to 89											
	90 and over											
	Totals	3		10	27	27	8		9	1	21	46
Nonvenereal diseases of the genito-urinary system and anneal.	10 to 19					1					1	
	20 to 29				4	8					2	3
	30 to 39	3	3	2	4	3					2	13
	40 to 49	2		1	7	9	3		1		2	24
	50 to 59	1		3	10	8	4		5	2	6	30
	60 to 69	1		4	7	12	4	1	4	1	12	46
	70 to 79	2			4	6	2	1	1	1	5	21
	80 to 89				2	1	3		1		2	9
	90 and over					1						
	Totals	9	3	12	38	49	16	2	12	4	37	146

SELECTED CAUSES, NEW JERSEY. 1917—*Continued.*

TRADE.	Bankers, brokers and money lenders.	Clerks in stores.	Commercial travelers.	Delivrymen.	Laborers.	Real estate and insurance agents and officials.	Salesmen and salswomen.	Undertakers.	Wholesale and retail dealers.	Other pursuits.	PUBLIC SERVICE (not elsewhere classified).	Firemen (fire department).	Laborers (public service).	Officials and inspectors (city, county, state).	Policemen.	Soldiers, sailors and marines.	Other pursuits.
		1														1	
	1	1		1	2	1	1	2								1	
				3			4		8						1		
	1			1	1		5		19						2		1
		2		2			15		17	1		1			2		2
	1		1				3	2	1	9	1			3		1	
	1	1					1	1		9					1		
							1			7	1						
	6	5	1	7	3	13	28	3	71	7		1		3	6	3	3
							1			1			1			1	
				1					6								
							1	2	1					1	1		2
							1	1	1								
							1		6						1		
	2			1		1	1	1	10				1				3
									4								
	2			2		3	6	4	29	3			2	1	2	1	7
										1						1	
		1					1		2								1
		1		1			1		3	1							
						1	3	1	7	1			3		1		4
			1	1		3	1	2	13	1					3		3
	1					2	2		11					2	2		3
	3					3	2		9								
									4								
	4	2	1	2		10	10	3	54	4			3	2	6	1	13
		1															
	1			1			2		2	1				1	1		
	1	1	1	1			2		12	1		1	1		1	1	1
	3	2	2	3		2	10	1	21	2		2	1		5	1	4
	2					3	7		24	1			1		6		10
	3					3	9		30	3				2	6		9
	3	1	1			4	4	1	31				1		1	1	12
	2					2			8	1						1	1
									1			1					
	20	5	4	5		20	34	2	120	9		5	3	5	20	4	37

TABLE 3.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		PROFESSIONAL SERVICE.	Architects.	Chemists, assayers, etc.	Civil and mining engineers and surveyors.	Clergymen.	Dentists.	Lawyers, judges and justices.	Musicians and teachers of music.	Photographers.	Physicians and surgeons.	Teachers.
Pneumonia.	10 to 19											
	20 to 29				1			1				2
	30 to 39					1			1			1
	40 to 49		1		1		1	1	2		1	3
	50 to 59					1		1			2	1
	60 to 69		2								2	4
	70 to 79					2			1	1	1	1
	80 to 89											
	90 and over											
	Totals		3		2	4	1	5	4		8	13
Diseases of the respiratory system (pneumonia and tuberculosis of lungs excepted).	10 to 19											
	20 to 29											
	30 to 39								1			
	40 to 49											
	50 to 59			1								1
	60 to 69		1		1	1	1					1
	70 to 79					2						
	80 to 89				1	1						
	90 and over										1	
	Totals		1	1	2	4	1		1		1	2
Diseases of the digestive system.	10 to 19											1
	20 to 29			1		1			1			1
	30 to 39						1	1	1		1	1
	40 to 49			1		1	1					1
	50 to 59			1		1		2	1		2	
	60 to 69					2						1
	70 to 79					2			1		2	
	80 to 89		1									
	90 and over											
	Totals		1	3		7	2	3	5		5	9
Nonvenereal diseases of the genito-urinary system and annexa.	10 to 19											
	20 to 29											
	30 to 39										1	1
	40 to 49				2	2	1	1	3	1	4	3
	50 to 59		1	1	1	5			2		1	3
	60 to 69				1	1		2			1	3
	70 to 79		1	1	1	4	3	2		2		5
	80 to 89					1					1	4
	90 and over					1						
	Totals		2	2	5	15	4	5	7	3	8	19

SELECTED CAUSES, NEW JERSEY, 1917—*Continued.*

Other professional and semi-professional pursuits.	DOMESTIC AND PERSONAL SERVICE.	Barbers, hairdressers and manicurists.	Bartenders.	Hotel keepers and managers.	Housekeepers and stewards.	Janitors and sextons.	Launderers and launderesses.	Porters (except in stores).	Servants.	Waiters.	Other pursuits.	CLERICAL OCCUPATIONS.	Agents, canvassers, collectors.	Bookkeepers, cashiers and accountants.	Clerks (except clerks in stores).	Other clerical pursuits.
					7				1	1	1				14	
					59		1	2	3	3					11	1
4			3		88		1	1	4	1	1		1	3	18	1
12		2	2	1	107	3	3	7	7	2	3			5	8	2
4		1	1		132	3	2		12	1	6			5	5	
1			1		164	3	1		4		3		1	1	2	4
1					141	1			5		1			4		
1					33						1					
					4											
14		6	8	3	735	10	8	10	38	8	22		2	33	54	11
					1										1	
1					14			1		1					1	
2					18			1	1	2	2			1	1	
		1		1	27		1			1	1					
1			1	1	33	2	1		4		1				2	
1				2	60	3		1	1					2		
					72	1	1	1	1					1	2	
				2	70				2							1
5		1	1	6	304	6	3	4	9	4	4			4	9	1
					5				2						3	
1			2		39		1		1	1					14	
		1		1	72		1		2	2	3			2	3	1
2		3	4	2	102		2	2	4	2	10		1	3	8	
1		1	1	3	93		1	1	8		8			1	2	2
				1	105	4			3	1	3			1	2	
2					75				4							
1					27				1							
					1											
7		5	7	7	510	4	5	3	25	6	24		1	13	35	3
1					4				2							
2		1	2		43	1	1		8	1				2	6	
1		1		1	139	2		3	7	1	5				9	
4		3	5	7	232	1	1	4	8	1	6			4	16	4
6		3	4	3	269		3	6	12	4	9			6	14	
5		4	1	9	270	3	1		16	1	9			8	13	
3				2	240	6			7		4		2	5	8	4
4		1			70	1			5					2	1	
					7											
26		13	12	22	1274	14	6	13	65	8	32		2	27	69	8

TABLE 3.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		AGRICULTURE, FORESTRY AND ANIMAL HUSBANDRY.	Farmers.	Farm laborers.	Fishermen and oystermen.	Gardeners, florists, fruit growers and nurserymen.	Other agricultural and animal husbandry pursuits.	EXTRACTION OF MINERALS.	Foremen, overseers and inspectors.	Miners.	Quarry operatives.	MANUFACTURING AND CHEMICAL INDUSTRIES.	Bakers.
Suicide.	10 to 19												
	20 to 29		1										
	30 to 39			1									
	40 to 49		1		1	1							
	50 to 59		3										
	60 to 69		3	2									
	70 to 79		1	1									
	80 to 89												
	90 and over												
Totals			11	4	1	1							
Violent deaths (suicide excepted).	10 to 19		6	7			1						
	20 to 29		5	6	1	2	2			6			1
	30 to 39		5	5			1			2			5
	40 to 49		5	3	1						2		3
	50 to 59		8	6	2					2	1		1
	60 to 69		11	6	1								1
	70 to 79		10	1		1				1			
	80 to 89		2	1									
	90 and over												
Totals			52	35	5	3	5			11	3		11
All other diseases and causes of death.	10 to 19			2									1
	20 to 29		5	3	1	1				1	1		1
	30 to 39		7	1						1			
	40 to 49		6	2	1	3							1
	50 to 59		14	4		3	1			2			2
	60 to 69		16	1		1							
	70 to 79		23	3	1	1							
	80 to 89		11	2		1	1						1
	90 and over			1	1	1							
Totals			85	19	4	11	2			5	1		11
Summary of decedents from all causes.	10 to 19		8	18			1						1
	20 to 29		24	15	3	3	3			11	1		3
	30 to 39		33	16	1	10	3			10	1		15
	40 to 49		53	17	4	18	1		1	5	3		11
	50 to 59		127	34	11	21	5			8	8		21
	60 to 69		215	32	14	37	7			6	4		15
	70 to 79		322	24	10	29	1			3	4		12
	80 to 89		146	16	1	8	1						8
	90 and over		25	3	3	3	1						
Totals			954	185	47	129	17		1	43	21		88

SELECTED CAUSES, NEW JERSEY, 1917—*Continued.*

		Blacksmiths, forgemen and hammermen.	Boilermakers.	Brick and stone masons.	Builders and building contractors.	Carpenters, coopers and cabinet makers.	Compositors, linotypers and typesetters.	Dressmakers and seamstresses (not in factory).	Dyers.	Electricians and electrical engineers.	Engineers (stationary).	Engravers.	Filers, grinders, buffers and polishers (metal).	Firemen (except locomotive and fire department).	Glassblowers.	Jewelers, watchmakers, goldsmith and silversmiths.	Laborers (general and not specified laborers).	Building and hand trades.	Chemical industries.
Suicide.	10 to 19																2		
	20 to 29	1				1											6	2	
	30 to 39	2		1		2				1				2			11	1	1
	40 to 49					2		1			1						8		1
	50 to 59					2		1					1			1	6		
	60 to 69			2		1											5	1	
	70 to 79			1													6		
	80 to 89			1													1		
	90 and over																		
Totals		3		5		8		2		1	1		1	2		1	45	4	2
Violent deaths (suicide excepted).	10 to 19		1			2				3							16	1	2
	20 to 29	3		1	2	3				1	1			3		1	67	2	3
	30 to 39	1	2	2	2	10			1	8	2			4			82	3	4
	40 to 49	4		4		7		1		1	3		2	5			79	2	5
	50 to 59	1	1		1	11		1	2	1	5					1	64	5	3
	60 to 69	3		1		8		1			5	1				2	29		1
	70 to 79	2		1	1	1						1				1	7		
	80 to 89	1		1													1		
	90 and over										1								
Totals		17	4	10	6	42		2	4	14	21	2	2	12		5	345	13	18
All other diseases and causes of death.	10 to 19									1							12		
	20 to 29	1		4	1	4		1		3	1		2				39		1
	30 to 39	2	1	3	1	1		1		1	2			1			42	1	2
	40 to 49	1	1	2	4	9		2	2	1	4	1		2	1	2	40		1
	50 to 59	3		4		12		2			4			3		1	30		1
	60 to 69	5	1	5		9		1	1		4			1			35	1	
	70 to 79	1		2	1	3		2			2						16		
	80 to 89			2	1	4					1				1	2	4		
	90 and over	1																	
Totals		14	3	22	8	50		9	3	6	18	1	2	7	2	5	218	2	5
Summary of decedents from all causes.	10 to 19					3		2		5		1				1	73	3	2
	20 to 29	7	3	9	6	26	1	9		19	7	1	9	7	1	5	317	10	7
	30 to 39	15	9	12	15	50		9	4	24	16	2	17	18	3	11	472	14	12
	40 to 49	22	8	25	12	79	1	18	3	11	26	5	15	22	4	12	538	10	10
	50 to 59	24	6	33	18	113	6	28	6	8	53	7	12	30	6	15	497	16	10
	60 to 69	32	11	33	22	133	3	21	9	5	52	3	7	11	6	12	434	11	9
	70 to 79	26	7	33	25	115	1	15		2	25	1	2	5	5	15	220	3	
	80 to 89	10	1	18	7	45		2			4				2	7	61	2	
	90 and over	1		1	2	4					2				1		4		
Totals		137	45	164	108	577	12	104	22	74	185	20	62	93	28	34	2615	69	50

TABLE 3.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		Laborers (clay, glass and stone industries).	Iron, steel and other metal industries.	Lumber and furniture industries.	Textile industries.	Other industries.	Machinists, millwrights and toolmakers.	Managers, superintendents and foremen (manufacturing).	Manufacturers and officials.	Mechanics (gunsmiths, locksmiths, wheelwrights, etc.).	Millers (grain, flour, feed, etc.).	Milliners and millinery dealers.
Suicide.	10 to 19											
	20 to 29								1			
	30 to 39						5					
	40 to 49				1		1	2		1		
	50 to 59						2		1	1		
	60 to 69			1	1				1	1		
	70 to 79					1			1	1		
	80 to 89											
	90 and over											
	Totals			1	2	1	8	2	5	4		
Violent deaths (suicide excepted).	10 to 19	2	1			2	6			1		
	20 to 29	3	3	1	1	15	14	3		4		
	30 to 39	5	5			16	7	1		2		
	40 to 49	2	4	1	2	4	6	3	1	2		
	50 to 59	2	4			6	8	3	1			
	60 to 69		1			4	2	1	2			
	70 to 79								1		1	
	80 to 89											
	90 and over											
	Totals	11	18	2	3	47	43	10	5	9	1	
All other diseases and causes of death.	10 to 19					2	1		1			
	20 to 29	1	3		1	5	7			1		
	30 to 39		2			3	7	1	1			
	40 to 49	1	1		1	4	2	2	2			
	50 to 59	2			1	2	6	6	6			
	60 to 69					2	2	1	3	1	1	
	70 to 79						2	1	1			
	80 to 89									1		
	90 and over								1			
	Totals	4	6		3	18	29	11	13	5	2	
Summary of deceedents from all causes.	10 to 19	2	1			9	15	8	1	1		
	20 to 29	10	14	2	2	41	81	19	1	7	1	1
	30 to 39	6	24	2	3	45	65	41	3	6	1	2
	40 to 49	9	25	2	6	38	68	51	18	6		3
	50 to 59	12	18	1	3	45	94	33	36	9	2	3
	60 to 69	6	9	1	3	20	36	12	28	16	3	1
	70 to 79		3			8	29	2	30	13	7	1
	80 to 89		1			1	10		8	5	4	
	90 and over						1		1			
	Totals	45	95	8	17	205	419	166	122	65	18	13

SELECTED CAUSES. NEW JERSEY. 1917—*Continued.*

Molders, founders and casters.	Painters, glaziers, varnishers, enamelers, etc.	Paper hangers.	Plasterers.	Plumbers and gas and steam fitters.	Pressmen (printing).	Roofers and slaters.	Semi-skilled operatives (factory employes).	Chemical industries.	Cigar and tobacco factories.	Clay, glass and stone industries (except potteries).	Clothing industries.	Food industries.	Iron, steel and other metal industries.	Liquor and beverage industries.	Lumber and furniture industries.	Potteries.
								1								
	1					1	2						1			
1	1			1		1					1					
1	3	2		2	1			1						1		
	1		1							1		1				
				1			1				1					
2	7	2	1	3	2	2	3	2		1	2	1	1	1		
	1						3	3		1	1		3			
	12			7	2		1	9	1		1		3			1
2	6		1	5			1	5		1	4		2			
2	11			3	1		3	2	1		1	1	3	1		1
	4			1		2	1				1		1	1	1	1
	3				1		2		1							
	1						1		1		1					1
				1			1									
5	28		1	17	4	2	13	19	4	2	9	1	14	2	1	4
1	1			1			3	2	1		1					
1	3			1	1		4	1	3	2	3		2			1
	4		1	1			2		1	3			2	1		
1	5		1	2	1	1			4		1		4		1	1
	7			3	1			1	1	1	3		1		1	1
	4				1		1			1	1		1	1		
	1		1		1						1				1	
													1		1	
3	25		3	8	6	1	10	3	10	7	10	1	11	2	4	3
2	3			3			22	6	12	3	7	4	8		1	1
6	16			17	10	4	32	17	14	9	19		17	4		9
12	38	3	3	28	19	10	16	9	4	9	19	1	13	4	4	9
18	79	8	4	38	24	4	18	9	8	9	20	5	8	3	8	17
18	70	3	4	25	14		12	3	5	10	30	2	11	6	6	18
5	51	2	5	18	15	4	7	1	13	5	10	3	24	3	2	11
5	35	2	1	2	9	4	4		9	3	15	3	5		5	3
4	17			3	3		1		5	1	5	2	1		3	
	1								1							
70	310	17	17	143	97	34	112	45	72	49	125	20	150	25	24	68

TABLE 3.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		Rubber industries.	Shoe factories.	Tanneries and other leather industries.	Textile industries.	Other industries.	Shoemakers and cobblers (not in factories).	Stonecutters.	Tailors and tailoresses.	Upholsterers.	Other manufacturing and mechanical industries.	TRANSPORTATION.
Suicide.	10 to 19			1								
	20 to 29					3			1		1	1
	30 to 39			1	3	12					1	4
	40 to 49	1			5	1			1		2	4
	50 to 59					1			2			6
	60 to 69				2	1	1		1		1	3
	70 to 79										1	
	80 to 89											
	90 and over											
	Totals	1		2	10	9	1		5		6	18
Violent deaths (suicide excepted).	10 to 19				3	5					8	5
	20 to 29	12			9	23	1				52	20
	30 to 39	1			7	6	1		2		55	19
	40 to 49	1		1	12	7			1	1	49	21
	50 to 59	3			3	12	1				27	12
	60 to 69	1			3	4		1			16	3
	70 to 79		1	1	1	1	2		1	1	3	2
	80 to 89					1					1	
	90 and over											
	Totals	8	1	2	28	49	5	1	4	2	211	84
All other diseases and causes of death.	10 to 19				5	5					2	4
	20 to 29	1		1	7	12	1				1	14
	30 to 39			5	2	6	1		2		32	12
	40 to 49			5	10	2	1	1	1		3	11
	50 to 59	1		4	1	5	2		12			23
	60 to 69	2		12	6	3	2				2	11
	70 to 79			12	3		1		1		3	4
	80 to 89			12	1				3		4	8
	90 and over				1	1			1			1
	Totals	4		21	36	24	8	1	10		18	88
Summary of decedents from all causes.	10 to 19	2	2	1	19	30	6		2		15	23
	20 to 29	9	1	5	31	93	7		9	1	79	119
	30 to 39	8	1	17	53	66	14	1	10	1	87	170
	40 to 49	10	5	17	52	55	19	3	19	2	101	209
	50 to 59	19	3	19	62	65	26	7	25	3	72	211
	60 to 69	9	12	21	49	58	22	4	17	6	61	184
	70 to 79	12	1	21	27	19	18	2	18	4	31	109
	80 to 89	12		12	4	6		1	13	2	13	41
	90 and over				1	3			2			5
	Totals	61	15	103	318	395	112	18	115	19	459	1080

SELECTED CAUSES, NEW JERSEY. 1917—*Continued.*

TRADE.	Bankers, brokers and money lenders.	Clerks in stores.	Commercial travelers.	Deliverymen.	Laborers.	Real estate and insurance agents and officials.	Salesmen and saleswomen.	Undertakers.	Wholesale and retail dealers.	Other pursuits.	PUBLIC SERVICE (not elsewhere classified).	Firemen (fire department).	Laborers (public service).	Officials and inspectors (city, county, state).	Policemen.	Soldiers, sailors and marines.	Other pursuits.
		1				1	1		2						12	12	1
						12			3							12	1
	1					12			12					1		12	4
						2	2		7	1				1		12	1
	1	1				1			1							12	6
							1		1							12	1
									1								
	2	2				6	4		17	1				2	2	4	8
				2	1				1	2				1		3	1
				4	1	12	3	1	2			1			1	15	3
	3					12		4	11	2		1			1		1
		2		5		12	3	2	15	1		2	1	1	2		8
	1			1		1	1	1	8	2				12	1		1
		1	1			1	3		5	1				12			1
		1	1			1			3						2		2
									1								
	4	4	2	12	2	9	10	8	46	8		3	1	6	7	18	30
							1										
	1	1		1	1	2	8		4	4					1	1	1
	2	1		1			4	1	9	1						1	1
			1	1	2	3	3		7	2							4
		1			1	6	5	1	16	2			1		4		3
	1	1				3	1		18					1			5
	2			1		1	4		6	1				3	1		3
							1	1	2							1	
	7	4	1	4	4	15	27	3	62	10			1	4	6	3	17
	2	10		3	1		6		3	4				1		7	12
	4	10		11	5	9	38	1	31	10			2			24	7
	9	11	2	16	3	14	30	4	79	16		4	3	5	6	5	14
	9	11	3	16	6	27	39	9	143	17		4	5	6	19	2	24
	13	12	4	9	2	44	60	6	189	17		5	6	5	23		60
	16	4	3	3	1	27	45	5	186	13		5	2	16	20	3	63
	30	7	3	2	1	27	33	4	162	9		1	4	3	8	6	40
	5			1	1	9	5	1	58	3		1		1	1	1	1
							1	1	3							1	
	88	65	15	61	20	157	277	31	856	89		20	22	48	84	49	221

TABLE 3.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		PROFESSIONAL SERVICE.	Architects.	Chemists, assayers, etc.	Civil and mining engineers and surveyors.	Clergymen.	Dentists.	Lawyers, judges and justices.	Musicians and teachers of music.	Photographers.	Physicians and surgeons.	Teachers.
Suicide.	10 to 19											1
	20 to 29							1				
	30 to 39					1			1	1		
	40 to 49										1	
	50 to 59											
	60 to 69											
	70 to 79											
	80 to 89											
	90 and over											
Totals					1			1	1	1	1	1
Violent deaths (suicide excepted).	10 to 19			1					1	1		1
	20 to 29				1							
	30 to 39					1			1		1	1
	40 to 49											
	50 to 59											1
	60 to 69											1
	70 to 79					1			1			
	80 to 89											
	90 and over											
Totals				3	2	4		5	1	3	6	
All other diseases and causes of death.	10 to 19								1			
	20 to 29											
	30 to 39				1	1					1	
	40 to 49			1					1	1		
	50 to 59		1	1	1	1					1	
	60 to 69							2			1	2
	70 to 79				1	2		3				1
	80 to 89							1			1	
	90 and over											
Totals			1	3	3	8		6	4	1	4	7
Summary of deceased from all causes.	10 to 19			1					1	1		2
	20 to 29		1	6	3	3	1	2	8	2		24
	30 to 39		1		4	7	2	3	11	1	5	14
	40 to 49		2	4	6	12	3	7	10	4	9	19
	50 to 59		4	4	2	15		7	9	4	15	20
	60 to 69		3	2	7	2	2	14	10		12	12
	70 to 79		7		3	22	6	13	6	4	8	13
	80 to 89		1		1	15	1	4	2	1	5	7
	90 and over					1					1	
Totals			21	17	27	82	15	50	57	17	55	121

SELECTED CAUSES, NEW JERSEY, 1917—*Continued.*

		Other professional and semi-professional pursuits.	DOMESTIC AND PERSONAL SERVICE.	Barbers, hairdressers and manicurists.	Bartenders.	Hotel keeper and managers.	Housekeepers and stewards.	Janitors and sextons.	Launderers and launderesses.	Porters (except in stores).	Servants.	Waiters.	Other pursuits.	CLERICAL OCCUPATIONS.	Agents, canvassers, collectors.	Bookkeepers, cashiers and accountants.	Clerks (except clerks in stores).	Other clerical pursuits.
Suicide.	10 to 19				1		2				1		1					1
	20 to 29			1			14				1		1				1	1
	30 to 39			2	2		15	1			1		2			1	1	
	40 to 49					1	18				1		1			2	3	
	50 to 59				1		5			1			1				1	
	60 to 69						5											
	70 to 79						2											
	80 to 89						1											
	90 and over																	
Totals				3	4	1	80	2		1	1		5			3	8	3
Violent deaths (suicide excepted).	10 to 19						5											
	20 to 29			1			33		1	1	3		3		1		10	1
	30 to 39		1	3	2		41		1	1	3		3		1	2	6	1
	40 to 49		1	5			35	4	1		5				1		4	4
	50 to 59		1	1	1		44			3	3		2				1	
	60 to 69		1				51	1	1		4		3			1	1	
	70 to 79						35				1		2				1	
	80 to 89						21									1		
	90 and over						7											
Totals			4	10	3		272	5	4	9	20	8	16		2	6	30	11
All other diseases and causes of death.	10 to 19						34	1			2	1			2		11	5
	20 to 29		1	1			244	1	2	2	9		6		1	3	15	3
	30 to 39		1		1		263	1			9	3	6		2	4	8	1
	40 to 49		1				170		2	2	4	2	7			1	3	5
	50 to 59				3		158		1	4	15		4		1	1	7	6
	60 to 69				3		172	1	1		2		3				3	3
	70 to 79						130	1			3		1		1	1	2	
	80 to 89				1		65		1								1	1
	90 and over						10											
Totals			7	1	8		1246	5	7	8	44	6	27		6	12	52	24
Summary of deceased from all causes.	10 to 19						101	1			23	5	4		1	6	62	20
	20 to 29		9	12	2		805	3	9	13	58	19	20		5	29	169	24
	30 to 39		11	27	8		1204	5	11	17	60	22	46		10	25	106	13
	40 to 49		18	33	15		1437	15	15	33	71	16	60		6	41	94	21
	50 to 59		11	11	25		1666	10	23	24	94	9	48		9	39	73	19
	60 to 69		18	2	21		1882	29	12	12	61	6	50		5	20	68	17
	70 to 79		4	1	10		1535	14	3	3	30	2	20		5	16	36	7
	80 to 89		4		6		617	2	2	1	15		5			6	6	3
	90 and over						64											
Totals			75	86	87		9311	79	75	103	421	79	253		41	182	605	126

TABLE 3A.—DEATHS BY OCCUPATIONS, AGE GROUPS

		AGRICULTURE, FORESTRY AND ANIMAL HUSBANDRY.	Farmers.	Farm Laborers.	Fishermen and oystermen.	Gardeners, florists, fruit growers and nurserymen.	Garden, greenhouse, orchard and nursery laborers.	Other agricultural and animal husbandry pursuits.	EXTRACTION OF MINERALS.	Foremen, overseers and inspectors.	Miners.	Quarry operatives.	MANUFACTURING AND MECHANICAL INDUSTRIES.
Tuberculosis of lungs.	10 to 19			1				1					
	20 to 29		8	4							2		
	30 to 39		6	3	1		1				1		
	40 to 49		12	2			4	1				1	
	50 to 59		17				2		1				
	60 to 69		10	2			2						
	70 to 79												
	80 to 89						1						
	90 and over												
	Totals		53	12	1	15	9	1			3	1	
Cancer and other malignant tumors.	10 to 19												
	20 to 29				1								
	30 to 39		1				1						
	40 to 49		3	1			3						
	50 to 59		9				3		1				
	60 to 69		20	3			4		1		1		
	70 to 79		23	1	1		2				1		
	80 to 89		8	1									
	90 and over		1										
	Totals		65	6	2	13		2			2		
Diseases of the nervous system and of the organs of sense.	10 to 19		1										
	20 to 29		3				1						
	30 to 39		3										
	40 to 49		4	2	1								
	50 to 59		12	3	1	1							
	60 to 69		39	1	1	5							
	70 to 79		54	3	1	9					1	1	
	80 to 89		31	3	1	3					1		
	90 and over		4										
	Totals		151	12	5	19					2	1	
Diseases of the circulatory system.	10 to 19												
	20 to 29		1				1						
	30 to 39		5	2									
	40 to 49		8	4			3				1		
	50 to 59		18	2	3	1			1		1		
	60 to 69		50	4	3	7					1		
	70 to 79		82	2	3	10					2		
	80 to 89		46	2	2	2					1		
	90 and over		6										
	Totals		216	23	11	30		1			6		

AND CERTAIN SELECTED CAUSES, NEW JERSEY, 1918.

	Apprentices to building and hand trades.	Bakers.	Blacksmiths, forgemen and hammermen.	Boilermakers.	Brick and stone masons.	Builders and building contractors.	Carpenters, coopers and cabinet makers.	Compositors, linotypers and typesetters.	Dressmakers and seamstresses (not in factory).	Dyers.	Electricians and electrical engineers.	Engineers (stationary).	Engravers.	Filers, grinders, buffers and polishers (metal).	Firemen (except locomotive and fire department).	Furnace men, smelter men, heaters, pourers, etc.	Glassblowers.	Jewelers, watchmakers, goldsmiths and silversmiths.	Laborers (general and not specified).
Tuberculosis of lungs.		1					1			1									20
			1		1						8	1		4	1	2	1	2	108
		5	4	3	4		2				2	4	3	5	5			4	109
		4	3	1	8	3	3			1		2		5	5		3	3	121
		12	5		3	6	4	3		1		1		5	1			3	53
					2		1					1		1			1		29
			1			1				1								2	8
																			1
		13	13	9	21	11	38	3	10	3	19	16	5	22	15	2	7	14	449
Cancer and other malignant tumors.																			
											1	1							2
											1	1		1	1				6
			1				2				1	1		1	1		1	1	26
			2		1		4		1		1	1		1	1				26
			6	1		2	15	1	4	2		3	2		3				40
			2		2		11	1	3		1	2		1	1	1		2	25
			2		3	3	10		2			4	1	1			1	2	11
							1		1	1									5
					1														
			13	1	9	6	46	2	10	4	4	12	3	2	6	1	2	9	117
Diseases of the nervous system and of the organs of sense.											1								4
															2			1	10
															3		1		19
			1	1	1	1	1			1	1	2			1		2		24
		1					9		3			1	1	1	1		1	1	43
		1	5			4	9		3	1		5		1	1		1	5	43
		3	4	1	2	3	13			1		10	1	1	1	1	1	4	51
			10	1	6	4	22		5	1	1	4	1		1		1	4	37
		1	2			2	9		3	1		1			1		1		11
																			1
		6	22	3	11	14	63		14	5	3	23	3	3	10	1	8	15	200
Diseases of the circulatory system.									1	1									3
		1	1				7		1		2			1	1			1	23
				2			3		1	1	1	1			5		1	3	45
		8	2	1	3	2	14	1	4	4	2	2	2	1	7		1	2	64
		2	3	4	9	3	15	1	4	2	2	2		1	4			3	76
		4	6		5		22	1	5		1	1	2		6		1	2	94
		3	2		2	1	26		1	1		1		2	4		1	6	68
		1	3	1		1	26		1									1	13
																			3
		19	24	8	27	11	128	4	21	9	9	35	3	7	27		4	18	389

TABLE 3A.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		Building and hand trades.	Chemical industries.	Clay, glass and stone industries.	Iron, steel and other metal industries.	Lumber and furniture industries.	Textile industries.	Other industries.	Merchants, millwrights and toolmakers.	Managers, superintendents and foremen (manufacturing).	Manufacturers and officials.	Mechanics (gunsmiths, locksmiths, wheelwrights, etc.).	Millers (grain, flour, feed, etc.).
Tuberculosis of lungs.	10 to 19	1	1					3	6				
	20 to 29	2					2	13	25	3			
	30 to 39	1	2	1	3			16	27	10	2		
	40 to 49	3	1	2	5			16	17	6		1	
	50 to 59	1		1	1		1	7	10	9	2		
	60 to 69				1			4	9	2	3		
	70 to 79				1						1		
	80 to 89												
	90 and over												
	Totals	8	4	4	16		4	59	94	30	8	3	
Cancer and other malignant tumors.	10 to 19												
	20 to 29												
	30 to 39							1	3	2		1	
	40 to 49							6	3	3			
	50 to 59	3						2	7	9	2	2	
	60 to 69	1	1				1	2	11	5	3	2	
	70 to 79	1	1					1	6	1	5		
	80 to 89										2		
	90 and over										1		
	Totals	5	2				1	12	30	20	13	9	
Diseases of the nervous system and of the organs of sense.	10 to 19								2				
	20 to 29		1				1	1	2	3			
	30 to 39	1						1	2	1		1	
	40 to 49	1		1				1	4	6			
	50 to 59				1			5	10	10	5		2
	60 to 69				2			4	16	2	6		
	70 to 79					1		4	1	6	4	1	1
	80 to 89				1				3	1	1	2	
	90 and over												1
	Totals	2	1	1	4	1	1	22	48	29	16	4	4
Diseases of the circulatory system.	10 to 19												
	20 to 29				1			3		1		1	
	30 to 39	1	2					9		4	1		
	40 to 49	1	2	2			1	11		7	3	2	
	50 to 59	1	2	1	1			14		12	15	2	1
	60 to 69	1	1	1	2	1	1	3		12	8	3	
	70 to 79				1			4		6	5	1	
	80 to 89										5	2	
	90 and over												
	Totals	4	8	3	5	1	2	44		42	37	11	1

CERTAIN SELECTED CAUSES, NEW JERSEY, 1918—*Continued.*

		Millinery and millinery dealers.	Moulders, founders and casters.	Painters, glaziers, varnishers, enamelers, etc.	Paperhangers.	Pattern and model makers.	Plasterers.	Plumbers and gas and steam fitters.	Pressmen (printing).	Roofers and slaters.	Semi-skilled operatives (industry not stated).	Chemical industries.	Cigar and tobacco factories.	Clay, glass and stone industries (except potteries).	Clothing industries.	Food industries.	Iron, steel and other metal industries.	Liquor and beverage industries.	Lumber and furniture industries.	Potteries.
Tuberculosis of lungs.	10 to 19	1				1		2	2			3	3				2			
	20 to 29			7		1		4	2			3	5	1	1		1	1		2
	30 to 39		3	10			2	15	6			3	4		1	2	1			2
	40 to 49		3	12	1	1	1	11	7				3		1	1	1		1	1
	50 to 59		3	11			2	7	3	1					2		2			
	60 to 69	1	2	3	1	1			3				1				1			2
	70 to 79			3					1											
	80 to 89																			
	90 and over																			
	Totals	2	11	46	2	3	5	39	24	1		6	16	1	9	3	35	1	1	29
Cancer and other malignant tumors.	10 to 19																			
	20 to 29																			
	30 to 39							1												
	40 to 49			3		1			3			1								
	50 to 59		1	3			1	3	3						1	1	1			
	60 to 69		2	5					3				1		1		1			1
	70 to 79	2	2	3			1	3	4						2	1	3	1		1
	80 to 89		1	6					1					1	1		3			
	90 and over		1	1																
	Totals	2	7	21		1	2	6	9			1	1	1	4	3	12	1		2
Diseases of the nervous system and of the organs of sense.	10 to 19												1							
	20 to 29																			
	30 to 39							1						1						1
	40 to 49								2			1	1				1			1
	50 to 59	1	1	1	1	2		1	3						1		1			
	60 to 69	1	1	6			1	2	1			1	1		3		3			
	70 to 79		1	13				2	3				2		1	1	2		1	1
	80 to 89			7			1										4			
	90 and over			3			1												1	
	Totals																1			
Diseases of the circulatory system.	10 to 19	2	3	30	1	2	3	6	9			2	5	1	5	1	12		2	3
	20 to 29												1							
	30 to 39			2				1								1	2			
	40 to 49			4		3	1	3	1			1	1		1		4			2
	50 to 59			6			1	3	4			1			1		5		1	5
	60 to 69	2	2	16		1	1	5				2	2		2		6			2
	70 to 79	2	2	16		1	1	4	1		2	2	1		3	2	5		1	1
	80 to 89	1	1	16		1		3	5				3		1		3		1	1
	90 and over		1				1	1		1			1		1		1			
	Totals	1															1			
		1	8	99		6	5	15	11	1	2	7	9		9	3	25		3	11

TABLE 3A.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		Rubber Industries.	Shoe factories.	Tanneries and other leather industries.	Textile Industries.	Other Industries.	Shoemakers and cobblers (not in factory).	Stonecutters.	Tailors and tailoresses.	Tinsmiths and coppersmiths.	Upholsterers.	Other manufacturing and mechanical industries.	TRANSPORTATION.
Tuberculosis of lungs.	10 to 19		1		1	2	1		1	1		19	
	20 to 29	2	1	1	18	36	1	1	3	2		45	
	30 to 39	3		2	16	13	1		3	1		30	
	40 to 49	3		2	7	8	6		6	3		40	
	50 to 59	2		5	4	2		1	6	1	1	25	
	60 to 69			1			1	1		2		8	
	70 to 79												
	80 to 89												
	90 and over												
	Totals	10	2	11	46	86	10	3	19	10	1	187	
Cancer and other malignant tumors.	10 to 19					1							
	20 to 29					2			1			1	
	30 to 39			1	2	3						4	
	40 to 49				3	2	1		1			12	
	50 to 59			1	3	4	4	1	3	2	1	15	
	60 to 69				4	2	4	2	2	1		13	
	70 to 79			1	1	1	1		2	1		6	
	80 to 89					1			1			1	
	90 and over												
	Totals			3	15	16	10	3	8	3	1	52	
Diseases of the nervous system and of the organs of sense.	10 to 19				2								
	20 to 29				2	1			1			5	
	30 to 39					2	1				1	5	
	40 to 49	1		1	1	2			3	1		8	
	50 to 59	2		2	3	1	2	2	1	2	1	15	
	60 to 69	1			6	2	4	3	7	2	2	30	
	70 to 79	1		1	3	2	6		4	2	2	18	
	80 to 89				2		1		3			4	
	90 and over												
	Totals	5		4	19	11	14	5	19	7	6	83	
Diseases of the circulatory system.	10 to 19				1	6						7	
	20 to 29			1	3	5			1			8	
	30 to 39				4	6	1			1		9	
	40 to 49			2	5	3	5	1	1			16	
	50 to 59	1		3	7	6	4		6	1		34	
	60 to 69	1			6	6	4	1	8	3	1	31	
	70 to 79			1	6	4	3	2	3	2	1	21	
	80 to 89	1		1	2		3		4			8	
	90 and over												
	Totals	3		8	34	36	28	4	23	7	2	134	

CERTAIN SELECTED CAUSES, NEW JERSEY, 1918—*Continued.*

		Water.	Boatmen, canal men, sailors and deck hands.	Longshoremen and stevedores.	Other pursuits.	Road and street.	Carriage and hack drivers, draymen, teamsters and expressmen.	Chauffeurs.	Contractors and foremen (road building).	Laborers (road building) and street cleaners.	Livery stable keepers and managers, hostlers and stable hands.	Other pursuits.	Railroad.	Baggagemen and freight agents.	Brakemen.	Conductors.	Foremen, overseers and inspectors.	Laborers.	Locomotive engineers.	Locomotive firemen.
Tuberculosis of lungs.	10 to 19			1			2	3							1	1	1	1		
	20 to 29		1	1	1		16	12			1				3	4	1	1		
	30 to 39		1	2	2		33	4							2		1	1		1
	40 to 49		1		2		11	1			6				1	4		3		
	50 to 59			1			11	1			2	1				1	2	1		
	60 to 69				3		3			2						1	1			
	70 to 79						1													
	80 to 89																			
	90 and over																			
	Totals		5	6	8		88	23		2	9	1			7	11	6	13		1
Cancer and other malignant tumors.	10 to 19		1																	
	20 to 29							1												
	30 to 39						4	1							1					
	40 to 49						2	2							1	1			1	
	50 to 59			1	2		4				1					2	1			
	60 to 69						5		1		1					1			1	
	70 to 79						3				1						1		1	
	80 to 89							1												
	90 and over																			
	Totals		1	1	4		18	5	1		2				2	4	2		3	
Diseases of the nervous system and of the organs of sense.	10 to 19							1												
	20 to 29						1								1					
	30 to 39			1			4								1				1	2
	40 to 49							1			2					5				1
	50 to 59				1		4					1		1			3	2		
	60 to 69			1	1		6	1			1					2	3	3	1	
	70 to 79		3	2	1		6			3	3							1	3	
	80 to 89		1				1									2				
	90 and over																			
	Totals		4	4	4		22	3		3	6	1		1	2	9	6	7	8	1
Diseases of the circulatory system.	10 to 19				1			1												
	20 to 29						5	5								1		1		
	30 to 39		2	3	1		13	2						1			1	2		
	40 to 49		2	2	1		10	1			1					2	3	4	1	1
	50 to 59				5		10		1		2					2	1	2	3	
	60 to 69		3	1	5		8			2	1					1	2	2	1	1
	70 to 79		2		10		7			1				1		1	1		3	
	80 to 89				1		1			2				1				1		
	90 and over				1					1										
	Totals		14	6	26		54	9	1	6	4			3		7	7	12	8	2

TABLE 3A.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		Motormen.	Officials and superintendents.	Switchmen, flagmen and yardmen.	Ticket and station agents.	Other pursuits.	Express, post, telegraph and telephone.	Express messengers and railway mail clerks.	Linemen.	Mail carriers.	Telegraph operators.	Telephone operators.	Other pursuits.
Tuberculosis of lungs.	10 to 19												
	20 to 29	12		2		1					1	4	
	30 to 39	5		1		5		1		1			1
	40 to 49			1		4							
	50 to 59					1							
	60 to 69												
	70 to 79												
	80 to 89												
	90 and over												
	Totals	9		4		17		1		1	1	6	1
Cancer and other malignant tumors.	10 to 19												
	20 to 29	1		1									
	30 to 39	1				1							
	40 to 49	1	1										
	50 to 59	1	2			2							
	60 to 69	1		1		2							1
	70 to 79					1							
	80 to 89					1							
	90 and over												
	Totals	5	3	2		8							1
Diseases of the nervous system and of the organs of sense.	10 to 19												
	20 to 29											2	
	30 to 39	1											1
	40 to 49	1				2					1		1
	50 to 59	1		1	2	4		1	1	2	1		
	60 to 69			1		2				1			
	70 to 79												
	80 to 89												
	90 and over												
	Totals	3		2	2	8		1	1	1	4	3	2
Diseases of the circulatory system.	10 to 19												
	20 to 29												
	30 to 39					1							
	40 to 49	2		1	1	3			1				1
	50 to 59	1	1	3		3				3	1		
	60 to 69	1		2	1	2				1	2		1
	70 to 79												
	80 to 89					1							
	90 and over												
	Totals	4	1	10	3	21		1	1	4	3		5

CERTAIN SELECTED CAUSES, NEW JERSEY, 1918—*Continued.*

		TRADE.	Bankers, brokers and moneylenders.	Clerks in stores.	Commercial travelers.	Deliverymen.	Laborers.	Real estate and insurance agents and officials.	Salesmen and saleswomen.	Undertakers.	Wholesale and retail dealers.	Other pursuits.	PUBLIC SERVICE (not elsewhere classified).	Firemen (fire department).	Laborers (public service).	Marshals, sheriffs, detectives, etc.	Officials and inspectors (city, county, state).	Policemen.	Soldiers, sailors and marines.	Other pursuits.
Tuberculosis of lungs.	10 to 19								1			1								
	20 to 29		1	3				6	10		8					1			11	2
	30 to 39		1					4	16	1	26	1		1			1	7	3	3
	40 to 49		1					4	16		29	6					1	6		9
	50 to 59			1				3	8		16	3					1	1		
	60 to 69							1	2		4								1	2
	70 to 79							1	2		1									
	80 to 89										1									
	90 and over																			
	Totals		3	13				19	53	1	84	19		3		1	3	15	16	21
Cancer and other malignant tumors.	10 to 19			1																
	20 to 29									1										
	30 to 39		1							1	4							1	1	
	40 to 49		1			1		1	3		11							1		
	50 to 59		2	1				1	5		24	1		1		1	1	1		4
	60 to 69		2					2	4		16	6								2
	70 to 79							3	3		10					1	2	1	1	
	80 to 89										2							1		
	90 and over																			
	Totals		5	3		1		7	15	2	67	7		1		2	3	6	2	13
Diseases of the nervous system and of the organs of sense.	10 to 19																			
	20 to 29			1					1										1	
	30 to 39							1		1									2	1
	40 to 49		3	1				3	12		12					1	1		1	
	50 to 59		3	1				2	8		24	4				1	2	3		3
	60 to 69		1	1				9	11		29	3						2		11
	70 to 79		4					5	4		20	1						1	2	8
	80 to 89		2					1			7	2				1			1	4
	90 and over																			
	Totals		13	4				22	40	1	97	14				2	3	13	9	36
Diseases of the circulatory system.	10 to 19			1					2		1									
	20 to 29			1					4		3							1		
	30 to 39		1	2				3	3		11	4		1		1				
	40 to 49		2	2		1			8		20	2						1		
	50 to 59		5	1				10	20	1	33	6		1		3	3			15
	60 to 69		6	2				7	20		45	6		1		2	4	5	1	15
	70 to 79		2	1				7	8		52	2		1			2	2		19
	80 to 89		1	1				4	1		17							1		
	90 and over								1		2									
	Totals		15	9		1		18	37	1	188	20		4		6	8	20	12	52

TABLE 3A.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		PROFESSIONAL SERVICE.	Architects.	Chemists, assayers, etc.	Civil and mining engineers and surveyors.	Clergymen.	Dentists.	Designers, draftsmen and inventors.	Lawyers, judges and justices.	Musicians and teachers of music.	Photographers.	Physicians and surgeons.	Teachers.
Tuberculosis of lungs.	10 to 19							1					
	20 to 29				2	1	1			3		1	14
	30 to 39		1		1	1				2		1	6
	40 to 49					3			1			1	3
	50 to 59					2				3	1		
	60 to 69						1						
	70 to 79												
	80 to 89												
	90 and over												
	Totals		1	2	3	7	2	3	8	11	1	3	23
Cancer and other malignant tumors.	10 to 19												
	20 to 29												
	30 to 39												
	40 to 49												
	50 to 59					1	1	1					3
	60 to 69					2		1					3
	70 to 79					3		1		2		2	10
	80 to 89		1									1	2
	90 and over					1							
	Totals												
Diseases of the nervous system and of the organs of sense.	10 to 19			1		7	1	4		2		5	
	20 to 29							1					
	30 to 39		1							3			2
	40 to 49					1	1	1					
	50 to 59												
	60 to 69				2	2		1	2	2		3	1
	70 to 79		1	2	2	1		2				3	3
	80 to 89		1		7			1	1			3	3
	90 and over			1	4			1	1			3	2
	Totals		3	1	2	15	2	3	5	7	2	12	12
Diseases of the circulatory system.	10 to 19												
	20 to 29			1									
	30 to 39		1				1						6
	40 to 49			1	1	1	1			2		2	5
	50 to 59		1			1		1	1			4	4
	60 to 69		2	1	4	2	1	3	2			5	4
	70 to 79		1		6	1	2	4	2			3	8
	80 to 89			1	4	1		2				3	7
	90 and over					1						1	
	Totals		5	4	24	4	5	10	7	1	1	18	30

CERTAIN SELECTED CAUSES, NEW JERSEY, 1918—*Continued.*

		Other professional and semi-professional pursuits.	DOMESTIC AND PERSONAL SERVICE.	Barbers, hairdressers and manicurists.	Bartenders.	Hotel keepers and managers.	Housekeepers and stewards.	Janitors and sextons.	Launderers and laundresses.	Porters (except in stores).	Restaurant, cafe and lunch room keepers.	Saleskeepers.	Servants.	Waiters.	Other pursuits.	CLERICAL OCCUPATIONS.	Agents, canvassers and collectors.	Bookkeepers, cashiers and accountants.	Clerks (except in stores).	Other clerical pursuits.
Tuberculosis of lungs.	10 to 19			2			40		1	2			3	1	2			2	18	4
	20 to 29		5	6	1		334	1	3	4	1		14	9	9			17	69	13
	30 to 39	3	4	11			281	1	5	4	3	2	19	4	3			9	24	4
	40 to 49	2	4	8	4		173	2	1	8	1	4	6	6	4			4	18	1
	50 to 59	4	1	3	2		82	2	2	2		2	3	1	4			2	11	
	60 to 69	1					46	1				2	6					3	6	1
	70 to 79			1			17						2						4	
	80 to 89						2													
	90 and over																			
	Totals	12	16	29	7		975	7	12	20	5	10	55	21	22			37	160	23
Cancer and other malignant tumors.	10 to 19						2													
	20 to 29						17								2			1	1	
	30 to 39	1					96						2		1			1	2	2
	40 to 49	1		1	2		211	2	2	1		1	6		1			4	4	1
	50 to 59	1	3		5		262	3	3			2	8		1			1	5	1
	60 to 69	1		2			270	1	1		2	1	6		1			3	7	1
	70 to 79	1			1		137	1					4		1		1	1	3	
	80 to 89						26	1	1									1	1	
	90 and over						2													
	Totals	6	3	3	8		1023	8	7	1	2	4	26		12		1	14	31	5
Diseases of the nervous system and of the organs of sense.	10 to 19						3													
	20 to 29	1		1			24			1				1					2	
	30 to 39			2			50						4		4				4	1
	40 to 49	2		2			12						1						2	
	50 to 59	2		3	1		125	1	2	1	1	2	8	1	1			1	9	1
	60 to 69	6	3		1		240	1		2	3	2	9	3	2			2	13	1
	70 to 79	6	1		3		323	6	1	1	2	1	12		6			1	10	1
	80 to 89	4	1		2		304	6	1		1		9		4			4	5	2
	90 and over	1					117						2		2			1		
	Totals						12													
Diseases of the circulatory system.	10 to 19	21	10	3	9		1108	14	4	5	7	5	45	5	15			9	50	5
	20 to 29	1					9			1			2							
	30 to 39	2	1	1			99	1			1		10		1				7	2
	40 to 49	2	1	2	1		191		3			1	9	1	3			6	14	1
	50 to 59		1	6	1		249	2	1	7	2	3	21	2	1			2	7	4
	60 to 69	2	2	5	5		320	3	6	4	2	6	17	3	3			3	16	
	70 to 79	3	1	2	3		391	4	2	4	4	1	17	2	7			6	13	1
	80 to 89	4	2	3	3		421	3	3	1			15		3			1	9	1
	90 and over	2			1		186	1				1	4		2			2	12	2
	Totals						21						1						2	
		16	19	16	14		1887	14	15	17	9	12	96	8	21			35	80	11

TABLE 3A.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		AGRICULTURE, FORESTRY AND ANIMAL HUSBANDRY.	Farmers.	Farm Laborers.	Fishermen and oystermen.	Gardeners, florists, fruit growers and nurserymen.	Garden, greenhouse, orchard and nursery laborers.	Other agricultural and animal husbandry pursuits.	EXTRACTION OF MINERALS.	Foremen, overseers and inspectors.	Miners.	Quarry operatives.	MANUFACTURING AND MECHANICAL INDUSTRIES.
Pneumonia.	10 to 19		4	4							1		
	20 to 29		22	2	1	2				1	5		
	30 to 39		13	4		4					8	1	
	40 to 49		7	2	1	3					9		
	50 to 59		18	1	1						9		
	60 to 69		23	4		4				1	1	2	
	70 to 79		16	1							1		
	80 to 89		9			1							
	90 and over		1										
	Totals		113	18	3	14				2	27	3	
Diseases of the respiratory system (pneumonia and tuberculosis of lungs excepted).	10 to 19		1										
	20 to 29		6		1	1							
	30 to 39		8										
	40 to 49		12	1							2		
	50 to 59		12								1	1	
	60 to 69		12	1		1		1			1		
	70 to 79		12	2		1							
	80 to 89		6	1		1							
	90 and over		3										
	Totals		42	5	1	4		1			4	1	
Diseases of the digestive system.	10 to 19		2										
	20 to 29		2	1									
	30 to 39		1	1		1							
	40 to 49		4										
	50 to 59		3		1	5		1					
	60 to 69		10	1	1	1							
	70 to 79		8	1	1	2							
	80 to 89		8										
	90 and over												
	Totals		36	4	3	9		1					
Nonvenereal diseases of the genito-urinary system and annexa.	10 to 19		2										
	20 to 29		2	1									
	30 to 39		2			1							
	40 to 49		1	1	1	1							
	50 to 59		21	3	1	4							
	60 to 69		26	6	3	9		2		1			
	70 to 79		48	4	2	11				1			
	80 to 89		31	1		2				1			
	90 and over		3										
	Totals		133	18	7	28		3		3			

CERTAIN SELECTED CAUSES, NEW JERSEY, 1918—*Continued.*

Apprentices to building and hand trades.	Bakers.	Blacksmiths, forgemen and hammermen.	Boilermakers.	Brick and stone masons.	Builders and building contractors.	Carpenters, coopers and cabinet makers.	Compositors, linotypers and typesetters.	Dressmakers and seamstresses (not in factory).	Dyers.	Electricians and electrical engineers.	Engineers (stationary).	Engravers.	Filers, grinders, buffers and polishers (metal).	Firemen (except locomotive and fire department).	Furnace men, smelter men, heaters, pourers, etc.	Glassblowers.	Jewelers, watchmakers, goldsmiths and silversmiths.	Laborers (general and not specified).
		1				3				3								
	1			3	1	20				10	3			10			1	32
	4	6	4			15		1		7	11			8	1			153
	6		1	3	6	14	1		1	3	5	1	1	11				124
	1			2	1	14					8			5		1	1	87
				2	1	12							1	2				40
						4					1						1	18
						1								1				5
	12	19	13	31	11	83	1	10	5	23	25	5	9	37	1	3	5	672
																		4
	4		1	4	1	3		1		5	3		4	1		1		37
				2		5	1	1		1		1		2		2		24
				2	1	4				2		1						31
	1	2	1	1		3		1			1		1	1				23
	1	1		3	1	8	1				1				1	1		16
	1			1		5					2			1				18
					1	4												3
						1												1
	7	7	2	13	4	33	2	3		8	13	2	5	5	1	4		197
																		2
						1												12
	1	1	1			2		2		3				2				15
	4		1			6				1	1			1			1	15
		1		3		8		1		2	1						1	18
	1	2	1	2		11					1		1				2	14
	1					7	1							1				9
				3	1						1						1	2
	7	4	2	10	7	35	1	5		6	4		1	4			5	85
							1											3
		1	2			2				1	2				1			8
		1	1			5	1			1	1				1		2	21
	1			3		12	1	2	1	2	3		1	2		1		52
	4	6	3	1	1	12			1	1	3	1	5	5		1	3	46
	6	1	1	12	1	16			1		4			3				60
	1	3		5	4	19		2	1	1	5		1	4			1	53
	3	2		1	4	9					2		1				1	14
						1												
	16	14	7	22	11	96	3	4	4	6	20	1	8	16		3	9	251

TABLE 3A.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		Building and hand trades.	Chemical industries.	Clay, glass and stone industries.	Iron, steel and other metal industries.	Lumber and furniture industries.	Textile industries.	Other industries.	Machinists, millwrights and toolmakers.	Managers, superintendents and foremen (manufacturing).	Manufacturers and officials.	Mechanics (gunsmiths, locksmiths, wheelwrights, etc.).	Millers (grain, flour, feed, etc.).
Pneumonia.	10 to 19	1	1		1			6	5			2	
	20 to 29	2	1	1	3			32	45	18	1	9	
	30 to 39		3	1	9		2	37	38	18	6	9	
	40 to 49	1	1	2	1			21	19	12	4	3	
	50 to 59	2	1	1	6	1		15	8	6	3	3	
	60 to 69	1			2			6	4	3	1		
	70 to 79							3	4		1	1	
	80 to 89								1		1		1
	90 and over												
	Totals	7	7	5	22	1	2	121	124	57	19	21	1
Diseases of the respiratory system (pneumonia and tuberculosis of lungs excepted).	10 to 19		4					1	1				
	20 to 29		2		1			2	8	2		1	
	30 to 39	1		2	2			13	8	2	1	1	
	40 to 49					1		6	3	2		1	
	50 to 59				1			2	6	2	1		
	60 to 69							1		2			
	70 to 79								3	2		3	
	80 to 89									1		2	
	90 and over												
	Totals	1	8	2	3			25	29	12	3	8	
Diseases of the digestive system.	10 to 19								1				
	20 to 29				1			3	3	1			
	30 to 39	1	1		1			5	6	4			
	40 to 49	1	2	1	2			6	5	1		1	
	50 to 59	1	1		1			2		3	1	2	
	60 to 69							1	1	3	1	1	1
	70 to 79									2			
	80 to 89								2	1	2		
	90 and over										1		1
	Totals	3	4	1	5			18	20	13	6	4	2
Nonvenereal diseases of the genito-urinary system and annexa.	10 to 19												
	20 to 29		1		1			1	2		1		
	30 to 39	1		1	2			1	8	4	2		
	40 to 49	1	1		1			5	6	8			
	50 to 59	3			1			4	14	6	3		
	60 to 69	2	1	1				3	4	3	5	2	3
	70 to 79				1				3		1	2	
	80 to 89									1			
	90 and over												
	Totals	7	3	2	7			19	43	28	20	6	3

CERTAIN SELECTED CAUSES, NEW JERSEY, 1918—*Continued.*

		Milliners and millinery dealers.	Moulders, founders and casters.	Painters, glaziers, varnishers, enamelers, etc.	Paperhangers.	Pattern and model makers.	Plasterers.	Plumbers and gas and steam fitters.	Pressmen (printing).	Roofers and slaters.	Semi-skilled operatives (industry not stated).	Chemical industries.	Cigar and tobacco factories.	Clay, glass and stone industries (except potteries).	Clothing industries.	Food industries.	Iron, steel and other metal industries.	Liquor and beverage industries.	Lumber and furniture industries.	Potteries.
Pneumonia.	10 to 19	1			1			1	1			2	2		1	2	1			1
	20 to 29	2	3	6		1		12	6			12	3		1	2	14		2	
	30 to 39		9	12		2		14	4			6			1	1	15	1	1	1
	40 to 49		10	6			1	5	2			2	1		1	1	9			2
	50 to 59		4	12				2	1	1						1	8			6
	60 to 69			2			1	2	1				1				3		1	
	70 to 79					1		2									1			
	80 to 89																			
	90 and over																			
	Totals	3	26	40	1	4	2	38	15	1		19	7		5	5	51		4	10
Diseases of the respiratory system (pneumonia and tuberculosis of lungs excepted).	10 to 19							1									1			
	20 to 29		3	3				3				3	1				4			
	30 to 39	1	2	6				2	3			1			1		3			1
	40 to 49									1		2								1
	50 to 59		3	1								1								1
	60 to 69			2					1									1		
	70 to 79		1		1			1									1			
	80 to 89			3																
	90 and over			1											1					
	Totals	1	9	16	1			7	4	1		7	1		1	1	9		1	2
Diseases of the digestive system.	10 to 19							1	1								1			
	20 to 29							1												
	30 to 39			5					1								1			1
	40 to 49		1	2				2				1					2			
	50 to 59		3	3				2								2				
	60 to 69		1	3			1						1				1		1	
	70 to 79			2					1				2				1			
	80 to 89																			
	90 and over																			
	Totals		5	15			1	6	3			1	3			2	6		1	1
Nonvenereal diseases of the genito-urinary system and annexa.	10 to 19	1											1		1					
	20 to 29											1	1							
	30 to 39	1		4		1		2	1			1					1			1
	40 to 49	1	3	5				4	3	1		1			1		3		1	
	50 to 59		2	9				12	1				1		2	1	5			1
	60 to 69		3	19				11	6					1						
	70 to 79		1	12					1								4		1	
	80 to 89		2	3					1							1	1			
	90 and over																			
	Totals	3	11	52			1	19	13	1		2	3	1	4	2	14		2	2

TABLE 3A.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		Rubber Industries.	Shoe factories.	Tanneries and other leather industries.	Textile Industries.	Other Industries.	Shoemakers and cobblers (not in factory).	Stonecutters.	Tailors and tailoresses.	Tinsmiths and coppersmiths.	Upholsterers.	Other manufacturing and mechanical industries.	TRANSPORTATION.
Pneumonia.	10 to 19	1			1	19						13	
	20 to 29	1		1	16	30	1		1	1	1	56	
	30 to 39	3		4	4	17	5	2	6	1	1	69	
	40 to 49	1			4	5	3		1		2	31	
	50 to 59	1			4	3	3	3	3			21	
	60 to 69	2			4	5				2	1	17	
	70 to 79				4	2	1	1	1	1		6	
	80 to 89								1			1	
	90 and over					1							
	Totals	9		5	43	80	19	6	16	6	5	208	
Diseases of the respiratory system (pneumonia and tuberculosis of lungs excepted).	10 to 19				1							3	
	20 to 29	1			4	3						12	
	30 to 39	2		1	4	3	1					12	
	40 to 49				1	2		1				15	
	50 to 59	1		1		1			1			10	
	60 to 69				1	1	1					3	
	70 to 79	1							1			5	
	80 to 89				1		1					4	
	90 and over											1	
	Totals	6		2	13	10	6	1	5			57	
Diseases of the digestive system.	10 to 19				1	2						3	
	20 to 29				1	1						3	
	30 to 39	1			3	1	1					5	
	40 to 49	1		2	3	3	1		2	1		9	
	50 to 59				3				1			10	
	60 to 69				3		1					7	
	70 to 79								1			1	
	80 to 89												
	90 and over												
	Totals	4		2	16	10	7		7	1		47	
Nonvenereal diseases of the genito-urinary system and annexa.	10 to 19					2							
	20 to 29				2	4			1			13	
	30 to 39		1	1	2	1	1		1			9	
	40 to 49			2	4	2	4	3		1		10	
	50 to 59			1	3	6	6		3		1	22	
	60 to 69	2		1	2	4	3		3	2		20	
	70 to 79			1			1	1		1		14	
	80 to 89											1	
	90 and over												
	Totals	2	1	6	17	20	18	4	14	5	1	96	

CERTAIN SELECTED CAUSES. NEW JERSEY, 1918—*Continued.*

	Water.	Boatmen, canal men, sailors and deck hands.	Longshoremen and stevedores.	Other pursuits.	Road and street.	Carriage and hack drivers, draymen, teamsters and expressmen.	Chauffeurs.	Contractors and foremen (road building).	Laborers (road building) and street cleaners.	Livery stable keepers and managers, hostlers and stable hands.	Other pursuits.	Railroad.	Baggagemen and freight agents.	Brakemen.	Conductors.	Foremen, overseers and inspectors.	Laborers.	Locomotive engineers.	Locomotive firemen.
Pneumonia.																			
Totals																			
Diseases of the respiratory system (pneumonia and tuberculosis of lungs excepted).																			
Totals																			
Diseases of the digestive system.																			
Totals																			
Nonvenereal diseases of the genito-urinary system and annexa.																			
Totals																			

TABLE 3A.—DEATHS BY OCCUPATIONS, AGE GROUPS AND CERTAIN SELECTED CAUSES, NEW JERSEY, 1918—*Continued.*

		Motormen.	Officials and superintendents.	Switchmen, flagmen and yardmen.	Ticket and station agents.	Other pursuits.	Express, post, telegraph and telephone.	Express messengers and railway mail clerks.	Linemen.	Mail carriers.	Telegraph operators.	Telephone operators.	Other pursuits.
Pneumonia.	10 to 19												
	20 to 29			2		8		1				3	1
	30 to 39	1		2		8				1	4	2	1
	40 to 49	1	1	1	1	4			1	2		2	
	50 to 59	2		1	1	4				1	1		1
	60 to 69			1	1	2		1		1			
	70 to 79	1	1	3		1							
	80 to 89												
	90 and over												
	Totals	5	2	8	3	20		2	1	5	5	7	3
Diseases of the respiratory system (pneumonia and tuberculosis of lungs excepted).	10 to 19												
	20 to 29	1				2					1	1	
	30 to 39	1								1			
	40 to 49	1											
	50 to 59		1			1							
	60 to 69	1									1		
	70 to 79												
	80 to 89												
	90 and over												
	Totals	4	1			3				1	2	1	
Diseases of the digestive system.	10 to 19												
	20 to 29					1							1
	30 to 39					1						1	
	40 to 49	1		2		1			1		1		1
	50 to 59	1				1		1					
	60 to 69												
	70 to 79	1				1							
	80 to 89												
	90 and over												
	Totals	3		2		5		1	1		1	1	2
Nonvenereal diseases of the genito-urinary system and annexa.	10 to 19												
	20 to 29				1								
	30 to 39	1			1							1	
	40 to 49		1					1			1	1	
	50 to 59	1	1			2			1			1	
	60 to 69	1	2			4		1		1			2
	70 to 79		2			2					1		
	80 to 89			1						1			
	90 and over												
	Totals	3	6	3	8	8		2	1	2	2	3	2

		Bankers, brokers and moneylenders.	Clerks in stores.	Commercial travelers.	Deliverymen.	Laborers.	Real estate and insurance agents and officials.	Salesmen and saleswomen.	Undertakers.	Wholesale and retail dealers.	Other pursuits.	PUBLIC SERVICE (not elsewhere classified).	Firemen (fire department).	Laborers (public service).	Marshals, sheriffs, detectives, etc.	Officials and inspectors (city, county, state).	Policemen.	Soldiers, sailors and marines.	Other pursuits.
Pneumonia.	10 to 19	1	1		1			2										3	1
	20 to 29	2	4		1		1	22		18	3		1	1	1		4	50	3
	30 to 39		3				5	17	3	28	6		1		1		7	15	4
	40 to 49				1		9	9		25	1		1		1		12		16
	50 to 59	2					5	10	1	18	1				1		1	1	7
	60 to 69						1	7		12	6					1	2		5
	70 to 79	1					1	2	1	7	2						1		2
	80 to 89							1		2									
	90 and over								1	1									
	Totals	8	8		3		21	70	6	111	20		3	1	4	1	17	69	23
Diseases of the respiratory system (pneumonia and tuberculosis of lungs excepted).	10 to 19		2															1	
	20 to 29		1					8		10	1						2	2	1
	30 to 39				1		1	4		7	5							1	2
	40 to 49						1	3		5	2								1
	50 to 59						1	2		7									2
	60 to 69						2	2		9								1	
	70 to 79	1						2		9						1			3
	80 to 89									1									
	90 and over																		
	Totals	1	3		1		4	22		48	8					1	2	36	9
Diseases of the digestive system.	10 to 19							1		2	1							1	
	20 to 29		1					3		2	1							4	
	30 to 39	1						4		6								3	
	40 to 49	2						2		7	1						3	1	1
	50 to 59	3			1		4	5		7	1					1			1
	60 to 69	2					2	4		11	3						2		2
	70 to 79	1						1		7							1		1
	80 to 89									1							1		
	90 and over																		
	Totals	9	1		1		6	20		41	7					1	7	9	4
Nonvenereal diseases of the genito-urinary system and annexa.	10 to 19																		
	20 to 29						1	2		1									
	30 to 39						1			8	1					1	1	5	
	40 to 49	2					5	3	1	10			1			1	1		3
	50 to 59	1					3	7		33	3		1		1	1	3		7
	60 to 69	3					4	6	3	23	1						3	4	13
	70 to 79	1		1			4	3		26	3					1	2		10
	80 to 89	2					3	1		5	1						2		1
	90 and over									3									
	Totals	9			1		21	22	4	110	9		2		1	4	16	9	36

TABLE 3A.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		PROFESSIONAL SERVICE.	Architects.	Chemists, assayers, etc.	Civil and mining engineers and surveyors.	Clergymen.	Dentists.	Designers, draftsmen and inventors.	Lawyers, judges and justices.	Musicians and teachers of music.	Photographers.	Physicians and surgeons.	Teachers.
Pneumonia.	10 to 19			1									1
	20 to 29		1	1	1			1	1	2			11
	30 to 39			1	2	4	1	3	3	4		2	7
	40 to 49		2	1		2			1	1		3	6
	50 to 59			1		1				1		4	2
	60 to 69					1	1		2	1		2	2
	70 to 79						1	1				1	
	80 to 89												1
	90 and over												
Totals			3	5	3	8	3	7	8	9	12	30	
Diseases of the respiratory system (pneumonia and tuberculosis of lungs excepted).	10 to 19												
	20 to 29				1	2		2					1
	30 to 39												3
	40 to 49												3
	50 to 59									1		1	1
	60 to 69				1	1				1	1	1	
	70 to 79												
	80 to 89										1		
	90 and over												
Totals					2	3		2		2	2	2	8
Diseases of the digestive system.	10 to 19												
	20 to 29		1	1									
	30 to 39					2	1			1	1		2
	40 to 49			1				1		1			
	50 to 59									1			
	60 to 69					1							1
	70 to 79					2			1	1			2
	80 to 89												
	90 and over												
Totals			1	2		5	1	1	1	4	1		5
Nonvenereal diseases of the genito-urinary system and annexa.	10 to 19					1							
	20 to 29												1
	30 to 39					1							
	40 to 49							1				2	4
	50 to 59		1		2	2			4	1		3	3
	60 to 69		1			1		1	4	2		4	3
	70 to 79		1	2		6			2		1		3
	80 to 89					3					1	2	
	90 and over												
Totals			3	2	2	16		1	11	3	2	11	14

CERTAIN SELECTED CAUSES, NEW JERSEY, 1918—*Continued.*

	Other professional and semi-professional pursuits.	DOMESTIC AND PERSONAL SERVICE.	Barbers, hairdressers and manicurists.	Barkeepers.	Hotel keepers and managers.	Housekeepers and stewards.	Janitors and sextons.	Laundrymen and laundresses.	Porters (except in stores).	Restaurant, cafe and lunch room keepers.	Saleskeepers.	Servants.	Waiters.	Other pursuits.	CLERICAL OCCUPATIONS.	Agents, canvassers and collectors.	Bookkeepers, cashiers and accountants.	Clerks (except in stores).	Other clerical pursuits.
Pneumonia.				1		42		1				1		1			1	12	4
		9		4		651	4	2	5			12	6	13			4	34	13
		4	13	2	1	413		4	2	1	4	24	3	5		1	2	28	2
		3	5		2	183	4		1	5	1	9		5			3	17	
		3	1	2	3	132	4	2	1	2	2	9	2	1		1	1	17	
		6	1	2	1	126	1		1			12		3			2	5	
		2			3	95	2	1				2		1				2	
						25													
						4													
Totals		24	24	14	11	1671	15	10	14	4	11	70	16	29		2	13	145	19
Diseases of the respiratory system (pneumonia and tuberculosis of lungs excepted).						12						1		1			2	3	1
						149		2	1			3	3				3	8	2
		1	1		1	111	1	1	1	1	1	8	1	2			1	9	
		1	3			58			1			6		1			4	3	
			1	2		58			1		2	6					1	2	
		2				81	1		2		1	4	1	2			1	2	
						81					1	2		1				1	
		1				30								1			1		
						7													
Diseases of the digestive system.		5	5	2	1	607	2	3	6	1	4	30	5	8			13	32	3
						8												2	1
		1	1	1		43			1			4		1			1	3	2
		2	4	1	2	66		1	1			4					2	8	
			1	1	2	97		1	1		4	9	2	1		1	1	6	
			2	2	1	94	3					4	1	1			2	4	
		3			2	91		1	1	1	6	6		3			1	1	
		1	2		1	79	2	1				2		1			1	2	
						31						2							
						4													
Totals		7	10	5	8	508	5	4	4	1	10	31	4	7		1	10	35	3
Nonvenereal diseases of the genito-urinary system and annexa.						7							1					2	
		2	1			63			1			9	1				2	5	4
			1	4		112		1			1	14		1			3	11	
		2	1	1	2	210	1	1	2	1	2	17	4	4			2	9	2
		1	1	2	1	246	3	3		2	5	11	4	5			4	19	1
		5	2		1	297	2	4	2	2	1	10		3			3	9	
		4	2		1	197	1		2		1	12	2	1			6	10	1
		1				75	1					4					2	4	
		1				8						1							
Totals		16	8	7	5	1215	8	9	7	5	10	78	12	14			28	70	8

TABLE 3A.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		AGRICULTURE, FORESTRY AND ANIMAL HUSBANDRY.	Farmers.	Farm laborers.	Fishermen and oystermen.	Gardeners, florists, fruit growers and nursery men.	Garden, greenhouse, orchard and nursery laborers.	Other agricultural and animal husbandry pursuits.	EXTRACTION OF MINERALS.	Foremen, overseers and inspectors.	Miners.	Quarry operatives.	MANUFACTURING AND MECHANICAL INDUSTRIES.
Suicide.	10 to 19			3									
	20 to 29			3									
	30 to 39			1	1								
	40 to 49			3		2							
	50 to 59			3	2								
	60 to 69			1									
	70 to 79			2									
	80 to 89												
	90 and over												
Totals				15	3		2						
Violent deaths (suicide excepted).	10 to 19			1	3								
	20 to 29			8	3						1	2	
	30 to 39			3	4		2				1		
	40 to 49			5	2	4					1		
	50 to 59			7	2						1		
	60 to 69			9	2		4				1		
	70 to 79			13	2		3						
	80 to 89			7	1	2							
	90 and over			3									
Totals				56	19	6	9				11	2	
All other diseases and causes of death.	10 to 19			11	6		1		1				
	20 to 29			47	4		3				10	2	
	30 to 39			41	10	2	9				18	2	
	40 to 49			21	3		3	1			6	2	
	50 to 59			19	3	2	3				3		
	60 to 69			17	5		5						
	70 to 79			14	2		3				1	1	
	80 to 89			19	1		1						
	90 and over			3	1	1	1						
Totals				192	35	5	31	1	1		38	7	
Summary of deaths from all causes.	10 to 19			20	14	1	2	1	1		1		
	20 to 29			100	15	2	9			1	18	4	
	30 to 39			85	24	3	19				36	3	
	40 to 49			67	19	7	17	2			18	4	
	50 to 59			129	23	9	32		5		8		
	60 to 69			209	31	8	42		3	1	5	2	
	70 to 79			271	18	8	41				7	2	
	80 to 89			167	10	5	10				3		
	90 and over			24	1	1	2						
Totals				1072	155	44	174	3	9	2	96	15	

CERTAIN SELECTED CAUSES, NEW JERSEY, 1918—*Continued.*

	Apprentices to building and land trades.	Bakers.	Blacksmiths, forgemen and hammermen.	Boilermakers.	Brick and stone masons.	Builders and building contractors.	Carpenters, coopers and cabinet makers.	Compositors, linotypers and typesetters.	Dressmakers and seamstresses (not in factory).	Dyers.	Electricians and electrical engineers.	Engineers (stationary).	Engravers.	Fitters, grinders, buffers and polishers (metal).	Pressmen (except locomotive and fire department).	Furnace men, smelter men, heaters, pourers, etc.	Glassblowers.	Jewelers, watchmakers, goldsmiths and silversmiths.	Laborers (general and not specified).
10 to 19		1																	12
20 to 29												1		1					8
30 to 39		1					3		1								1		6
40 to 49			1				4						1						3
50 to 59							1	1			1	1							1
60 to 69							2												1
70 to 79																			
80 to 89																			
90 and over																			
Totals		2	1				12	1	1	1		2	1		1		1		30
10 to 19	1						1				3					1			15
20 to 29		3		1	1	2	8			1	4			7		1			50
30 to 39		12		1	2	4	7			1	6	4	1	4	1				87
40 to 49		12		5	2	12	14		1	2	1	6		1	6		1		70
50 to 59		1		1	6	12	10					1	1	2	2		1	4	43
60 to 69		2			3	1	11	1	2	1		1		1	2				20
70 to 79					1	3	4					2							9
80 to 89						1	2												3
90 and over																			
Totals	1	8	3	9	18	11	57	1	5	3	14	14	1	5	21	2	2	4	296
10 to 19		1					6	1	2		5	1		1				1	46
20 to 29	4	6	10	5	6	12	49	2	13	5	30	14	1	5	28		4	7	260
30 to 39		6	9	10	22	9	59	2	7	6	25	24	1	11	34	3	9	6	363
40 to 49		6	3	3	7	12	22		6		4	9			7		3	1	161
50 to 59		1	4		2	2	13		3		1	6	1		2		1	2	70
60 to 69		2	5	1	1	4	10		1	2	1	5		1		1	1	1	44
70 to 79			3	2		1	9		1			2			1			1	15
80 to 89			1		1	1	2		1		1							1	3
90 and over																		1	
Totals	4	22	35	21	39	21	170	5	34	13	67	61	3	18	72	4	18	21	962
10 to 19	1	3	1	2			11	2	4	1	12	1		1		1		1	131
20 to 29	4	12	18	20	16	5	98	2	20	7	61	25	5	16	52	2	6	12	692
30 to 39		19	25	24	40	15	123	4	15	12	53	50	8	22	68	5	3	17	942
40 to 49		33	12	12	29	18	117	3	21	9	18	35	5	14	41		12	9	674
50 to 59		11	36	10	40	24	117	5	21	7	9	42	5	15	24		5	23	500
60 to 69		22	27	4	41	14	140	5	13	6	3	38	2	6	15	4	6	15	393
70 to 79		7	30	3	27	20	118	2	17	3	2	32	2	3	12		2	17	246
80 to 89		5	8	1	7	11	55		6	2	1	5		3	2		3	5	61
90 and over					1		2											1	5
Totals	5	112	157	76	201	107	781	23	117	47	139	228	27	80	214	12	52	100	3648

TABLE 3A.—DEATHS BY OCCUPATIONS. AGE GROUPS AND

		Building and hand trades.	Chemical Industries.	Clay, glass and stone Industries.	Iron, steel and other metal Industries.	Lumber and furniture Industries.	Textile Industries.	Other Industries.	Machinists, millwrights and toolmakers.	Managers, superintendents and foremen (manufacturing).	Manufacturers and officials.	Mechanics (gunsmiths, locksmiths, wheelwrights, etc.).	Millers (grain, flour, feed, etc.).
Suicide.	10 to 19								2			1	
	20 to 29						1	2		1			
	30 to 39				1				1	1			
	40 to 49										1		
	50 to 59				1				1	1		1	
	60 to 69												
	70 to 79												
	80 to 89												
	90 and over												
	Totals				3		1	2	4	3	1	2	
Violent deaths (suicide excepted).	10 to 19	1	1										
	20 to 29	1	5	2	2			12	4			2	2
	30 to 39		3	3	4			11	10	7	1	2	2
	40 to 49		5		2			19	8	5		2	
	50 to 59		1		2		1	26	3	10		1	
	60 to 69				1	1		7	10	1		1	1
	70 to 79							3	7	1	1		
	80 to 89							1			3		
	90 and over									1			
	Totals	2	17	3	14	1	1	82	44	25	5	9	1
All other diseases and causes of death.	10 to 19	1	6					10	14	2	1	4	
	20 to 29	3	12	4	15		2	73	74	32	3	14	1
	30 to 39	3	16	4	25	1	1	69	76	45	10	14	
	40 to 49		8	3	8		1	34	21	23	3	4	1
	50 to 59		2		1			15	10	14	3	1	
	60 to 69		1		1			11	10	6	4	1	
	70 to 79								4	4	4		
	80 to 89							1					1
	90 and over						1		1				
	Totals	9	45	11	50	1	5	213	210	126	28	38	3
Summary of decedents from all causes.	10 to 19	4	13		1		1	32	33	2	1	9	
	20 to 29	8	21	5	29		5	140	169	69	5	31	1
	30 to 39	7	29	9	45	1	4	173	176	96	22	24	
	40 to 49	11	18	12	23		2	138	82	79	10	15	1
	50 to 59	9	12	4	15	1	2	74	75	41	39	11	4
	60 to 69	6	4	1	13	1	2	42	67	42	37	12	1
	70 to 79	3	2	1	3	2		16	32	23	27	7	1
	80 to 89				2		1	2	11	2	14	8	3
	90 and over							1	1	1	1		1
	Totals	48	99	32	131	5	17	617	646	385	156	117	15

CERTAIN SELECTED CAUSES. NEW JERSEY. 1918—*Continued.*

	Milliners and millinery dealers.	Moulders, founders and casters.	Painters, glaziers, varnishers, enamelers, etc.	Paperhangers.	Pattern and model makers.	Plasterers.	Plumbers and gas and steam fitters.	Pressmen (printing).	Roofers and slaters.	Semi-skilled operatives (industry not stated).	Chemical Industries.	Cigar and tobacco factories.	Clay, glass and stone Industries (except potteries).	Clothing Industries.	Food Industries.	Iron, steel and other metal Industries.	Liquor and beverage Industries.	Lumber and furniture Industries.	Potteries.
Suicide.			2													1			1
			1					1			1			1					
		1					1	2											
						1						1				1			
							1											1	
		1	3			1	2	3			1	1		1		2		1	1
Violent deaths (suicide excepted).			2		1						9	1		1		1			
							4	1	1		13	1		1		4			
			6			1	4	2			8					2		1	
		1	3	2			5	1			11	1		1		6			2
		2	7	1		1	2	1			6					3		2	1
		1	6					1			2	1		1	1	1			
			2													3			
		4	26	3	1	2	15	6	1		49	4		3	1	20		3	3
All other diseases and causes of death.			2				10	2			15	2	1	7	1				
	2	12	19	2			35	14			43	6	2	15	3	29			12
	1	17	32	6	1	2	38	8			35	3	1	6	3	32			15
		2	19	2	1	1	8	3			9	1		2	1	9		2	3
		2	5				4	3			2	2		1	2	8		1	7
			3					4				2							
			2					1								1			
			1					1								1			
	3	33	83	10	2	3	95	36			104	16	4	31	8	71		3	39
Summary of decedents from all causes.	3		4	1	1		10	6			26	11	1	12	3	6			1
	4	18	39	2	2		61	24	1		70	17	4	19	5	32	1	2	16
	3	31	83	6	7	7	78	29			97	9	1	11	4	66		2	25
	2	25	57	6	4	5	39	25	2		27	6		8	4	52		1	15
	1	24	75	1	1	6	25	13	2		15	8		11	7	41		3	25
	3	12	70	1	2	4	12	23		2	4	9	1	7	5	16	1	3	5
		4	52	1	1	1	6	11				5	1	2		21		3	1
		4	11		1	2	2	2	1			1		1	1	4		1	
	1		1											1		2			
	17	118	392	18	19	25	248	133	6	2	239	66	8	72	20	260	2	21	103

TABLE 3A.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		Rubber Industries.	Shoe factories.	Tanneries and other leather industries.	Textile Industries.	Other Industries.	Stonecutters and cobblers (not in factory).	Stonecutters.	Tailors and tailoresses.	Tinsmiths and coppersmiths.	Upholsterers.	Other manufacturing and mechanical industries.	TRANSPORTATION.
Suicide.	10 to 19											1	
	20 to 29			1	2	4						2	
	30 to 39					2	1					3	
	40 to 49	1			8							3	
	50 to 59				2	1			1	1		1	
	60 to 69					1			1			1	
	70 to 79				1								
	80 to 89												
	90 and over												
	Totals	1		1	13	8	1		2	1		12	
Violent deaths (suicide excepted).	10 to 19	3			6	19			1	1		18	
	20 to 29			1	2	8			3	1		25	
	30 to 39			1	4	6	1		1	2		16	
	40 to 49				2	5			1			19	
	50 to 59	1			3	3			1	1		18	
	60 to 69	1						1	1	1		9	
	70 to 79				1	1	3	1			1	3	
	80 to 89						1		1			1	
	90 and over												
	Totals	5		2	18	42	5	2	9	6	1	109	
All other diseases and causes of death.	10 to 19	3	1	1	10	30	1		1			56	
	20 to 29	13		2	42	54	4		7	1		180	
	30 to 39	14		2	39	34	16	2	11	5	1	140	
	40 to 49	4		1	13	14	7	1	4	4		43	
	50 to 59	2		1	8	6			4			19	
	60 to 69			1	4	2	3		2			16	
	70 to 79			1	1				1			7	
	80 to 89					1	1					2	
	90 and over								1				
	Totals	26	1	7	117	161	32	3	31	10	1	463	
Summary of decedents from all causes.	10 to 19	4	2	1	29	128	2		3	2	1	122	
	20 to 29	13	1	5	92	151	6	1	18	8	3	355	
	30 to 39	23		11	57	95	26	4	23	11	9	319	
	40 to 49	13	1	7	50	43	27	2	20	8	6	195	
	50 to 59	12		14	46	39	20	10	29	10	7	182	
	60 to 69	5		6	32	23	31	8	30	11	5	160	
	70 to 79	4		5	12	14	22	4	17	7	3	84	
	80 to 89	1		2	5	2	10	1	12	2	2	26	
	90 and over						1		1			1	
	Totals	87	4	51	351	486	150	31	153	56	38	1448	

CERTAIN SELECTED CAUSES, NEW JERSEY, 1918—*Continued.*

	Water.	Boatmen, canal men, sailors and deck hands.	Longshoremen and stevedores.	Other pursuits.	Road and street.	Carriage and truck drivers, draymen, teamsters and expressmen.	Chauffeurs.	Contractors and foremen (road building).	Laborers (road building and street cleaners.	Livery stable keepers and managers, hostlers and stable hands.	Other pursuits.	Railroad.	Baggagemen and freight agents.	Brakemen.	Conductors.	Express, overseers and inspectors.	Laborers.	Locomotive engineers.	Locomotive firemen.
Suicide.						1											2		
							1											1	
			1	1		2													
			1			1													
				1															
			2	2		4	1										2	1	
Violent deaths (suicide excepted).						7													
		3	1	2		11	2			1			1	4	3				
		4	4	3		12	4			1				13	5	1	5		1
			4	6		16	2			2				6	2	1	4	3	1
		2		3		4	1		2	1				1	1	1	15	1	
		1	1	1		3			2	1						1	9	1	
				2					1							1	4		
				2												1	1		
		10	10	21		53	9		5	6			1	44	13	6	38	5	2
All other diseases and causes of death.				2		10	4				1					1	3		1
		3		6		44	45	1		3				6	7	2	13	3	6
		1	3	9		42	23		1	2	1		1	11	1	7	11	6	4
		1	1	4		15	5			2			1	3	2	1	3	1	
				2		3	1		1	4	2			1	3		2	2	
			1	2		7		1	2	5					1	1	1		
						3									1				
		1				1				1									
																1			
		6	5	25		125	78	2	4	17	4		2	21	15	13	33	12	11
Summary of decedents from all causes.		1	1	3		24	14				1		1	8	3	2	5		1
		9	4	13		115	90	1	3	6			2	38	36	7	24	3	10
		10	17	21		150	47		1	3	1		2	36	31	15	32	15	9
		7	11	17		99	16			17	2		2	19	28	8	30	4	5
		10	4	19		57	6	1	7	10	5		2	2	12	12	19	11	1
		5	7	19		47	2	2	11	12	1			1	8	9	11	6	1
		7	4	24		25			6	6			2		4	3	2	11	
		2		5		6	1		2	1			1		2		1		
				1		1			1							1			
		51	48	122		524	176	4	31	55	10		13	100	126	57	124	50	27

TABLE 3A.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		Motormen.	Officials and superintendents.	Switchmen, flagmen and yardmen.	Ticket and station agents.	Other pursuits.	Express, mail, telegraph and telephone.	Express messengers and railway mail clerks.	Linemen.	Mail carriers.	Telegraph operators.	Telephone operators.	Other pursuits.
Suicide.	10 to 19												
	20 to 29					1							
	30 to 39				1								
	40 to 49												
	50 to 59												
	60 to 69												
	70 to 79												
	80 to 89												
	90 and over												
	Totals				1	1							
Violent deaths (suicide excepted).	10 to 19					4					1	1	
	20 to 29	1				4			1	1			1
	30 to 39	1				2			2		1		1
	40 to 49	1		1		9	1		1		1		
	50 to 59			1		8							
	60 to 69			7		1							
	70 to 79				1	2							
	80 to 89												
	90 and over												
	Totals	3		9	1	30	1	4	1	3	2	2	
All other diseases and causes of death.	10 to 19				2	1				2			1
	20 to 29	5		3		22	1	4	1	3	8	1	1
	30 to 39	4		3		18		2	4	6	2		1
	40 to 49	1		1		10				1			
	50 to 59	1		1		1	1			1	1		
	60 to 69			2		2					1		
	70 to 79												
	80 to 89												
	90 and over					1							
	Totals	11		10	2	55		2	6	7	11	14	3
Summary of decedents from all causes.	10 to 19			1	2	8		1		2	2	1	3
	20 to 29	11		5	1	44		2	5	3	3	16	3
	30 to 39	11	1	6	3	33		1	5	8	8	5	4
	40 to 49	15	1	8	2	31		1	2	1	3	1	4
	50 to 59	6	4	8	1	22		3	3	4	1	1	4
	60 to 69	5	1	17	2	24		2		1	2	2	2
	70 to 79	2		7	3	10				2			1
	80 to 89			1	1	1				1			
	90 and over					3							
	Totals	50	7	53	15	176		10	15	22	19	26	21

CERTAIN SELECTED CAUSES, NEW JERSEY, 1918—*Continued.*

TRADE.	Bankers, brokers and moneyhandlers.	Clerks in stores.	Commercial travelers.	Delivermen.	Laborers.	Real estate and insurance agents and officials.	Salesmen and saleswomen.	Undertakers.	Wholesale and retail dealers.	Other pursuits.	PUBLIC SERVICE (not elsewhere classified).	Firemen (fire department).	Laborers (public service).	Marshals, sheriffs, detectives, etc.	Officials and inspectors (city, county, state).	Policemen.	Soldiers, sailors and marines.	Other pursuits.
										1							4	
		1				1			2									2
						1	4		1								1	4
	1					1			1								1	
						1	2											
									2									1
	1	1				4	6		6	1							8	7
		1		3			3		1									1
		1				3	3		3								15	3
	1						3		3						1	3	3	4
						1	2		9	4		2				1	1	4
	2	1					3	4	8							2		4
	1					1	2		3			1						1
							1		3						1	1		
									1									
	4	3		3		5	22	4	44	10		3			2	12	28	21
		5		2			6		4	1					1		7	
	1	10		5		12	44	3	45	15		1				1	212	9
	6	8		3		13	38	6	11	6		1	1	1	5	9	39	24
	2	2				4	14		41	4				1	3	7	1	11
	1	2				5	7		24	6		1			2	4	1	6
						4	1	2	19	1		2			2			8
						2	2		12	1							1	
									3									3
									3									
	10	30		10		40	112	11	162	34		5	1	4	11	29	261	61
	1	16		6			15		6	5					1		16	2
	3	24		6		21	98	5	91	25		2	1	3		14	336	19
	9	20		4		22	88	11	113	27		4	1	2	1	31	79	41
	12	5		2		17	79	1	170	19		2		3	1	30	7	45
	17	4		2		15	62	2	196	31		3		2	1	33	8	35
	18	4		1		15	63	9	182	26		3		2	1	24	6	65
	13	1		1		14	29	1	149	9		2		1	6	9	6	51
	3	1				8	4		42	3				1	1	6	1	8
							1	1	9									
	78	75		21		168	439	30	958	149		21	2	20	37	157	459	286

TABLE 3A.—DEATHS BY OCCUPATIONS, AGE GROUPS AND

		PROFESSIONAL SERVICE.	Architects.	Chemists, assayers, etc.	Civil and mining engineers and surveyors.	Clergymen.	Dentists	Designers, draftsmen and inventors.	Lawyers, judges and justices.	Musicians and teachers of music.	Photographers.	Physicians and surgeons.	Teachers.
Suicides.	10 to 19												
	20 to 29												1
	30 to 39												1
	40 to 49								1				
	50 to 59					1			1				
	60 to 69												
	70 to 79						1						
	80 to 89												
	90 and over												
	Totals					1	1		2				2
Violent deaths (suicide excepted).	10 to 19				3					1			
	20 to 29							1					2
	30 to 39					1							
	40 to 49												2
	50 to 59					1							
	60 to 69												
	70 to 79					1		1				2	
	80 to 89								1				
	90 and over												
	Totals			3	4	2		2	1	1		2	4
All other diseases and causes of death.	10 to 19							1					1
	20 to 29			5	5	3		7	6	6		5	38
	30 to 39		2	2	8	3		6	6	8	1	7	22
	40 to 49		1	1	2	2			2	1	1	5	5
	50 to 59					1			3	2		1	3
	60 to 69			2		2			2	1		2	2
	70 to 79					4			1				2
	80 to 89								2			1	1
	90 and over												
	Totals		3	11	15	13		14	22	18	2	21	74
Summary of deaths from all causes.	10 to 19			1	1	1		3		1			3
	20 to 29		3	11	7	5		13	9	11		6	74
	30 to 39		2	6	13	12	4	14	11	20	2	12	47
	40 to 49		4	4	3	8	2	3	8	5	1	10	25
	50 to 59		1	1	2	17		1	11	13	4	18	25
	60 to 69		2	4	6	12	2	5	13	9	1	16	19
	70 to 79		2	4	2	26	4	2	9	4	1	10	20
	80 to 89			1	1	12	1	1	7	1	2	5	6
	90 and over						1						
	Totals		14	32	35	103	14	42	68	64	11	86	221

CERTAIN SELECTED CAUSES. NEW JERSEY. 1918.—*Continued.*

	Other professional and semi-professional pursuits.	DOMESTIC AND PERSONAL SERVICE.	Barbers, hairdressers and manicurists.	Bartenders.	Hotel keepers and managers.	Housekeepers and stewards.	Janitors and sextons.	Launderers and laundresses.	Porters (except in stores).	Restaurant, cafe and lunch room keepers.	Saloonkeepers.	Servants.	Waiters.	Other pursuits.	CLERICAL OCCUPATIONS.	Agents, canvassers and collectors.	Bookkeepers, cashiers and accountants.	Clerks (except in stores).	Other clerical pursuits.
Suicides.						2												1	
			1			15						1	1					12	3
						15	1			1	1							1	
				1		17		1			1								
	1		1	1		14	1		1			2						1	
						4					1							1	
						1			1										
	1		1	1	2	83	2	1	2	1	3	3	1				2	6	3
Violent deaths (suicide excepted).			1			7						2							
	2		1	2		29			3	1		7	2	1			1	10	
				1		45			1			3	4	3			3	6	1
	2		1	1	1	40		1				4		2			1	7	
			1			42	1	1			1	1		2			2	3	
				1		41	3	1						1			1	4	
						44					1			4				4	
					1	23													
						5													
	5		4	6	2	276	4	3	4	1	2	18	9	10			13	38	1
All other diseases and causes of death.						118		3	1			9	2	14			5	36	2
	11		16	4	3	1601	3	12	1	1	12	35	11	22			41	139	22
	13		15	16	4	1236	3	8	3	1	14	36	3	15			24	71	7
	2		9	2	4	424	2	1	6	1	10	19	2	5			11	16	1
	2			1	5	327		2	3		5	14	1	5			3	14	
			1	1	2	230	2	1			2	8		4				8	
	1		2		1	153		1				5	1	4			1	1	
						67						1						2	
						15								1					
	31		43	23	19	4173	7	18	16	10	33	139	21	69			93	309	34
Summary of deaths from all causes.	1		3	1		245		5	4			19	6	21			14	126	
	28		31	14	5	3025	5	9	17	5	12	109	35	50			55	215	17
	27		41	44	9	2616	5	23	12	12	23	123	18	31			29	125	17
	12		27	23	20	1785	15	10	11	8	23	105	12	26			28	93	7
	20		29	14	24	1820	26	20	15	9	28	86	15	24			23	93	7
	29		12	9	14	1910	22	11	12	11	15	81	3	31			28	99	7
	18		9	4	12	1534	15	7	3	1	3	33	3	15			14	41	3
	7				2	603	3	1	1		1	13		5			7	9	
	2					78						2		1					
	1441		143	109	86	13616	88	86	96	46	164	591	102	207		4	281	956	103

TABLE 4.—POPULATION; BIRTHS, MARRIAGES AND DEATHS REPORTED WITH RATES PER 1,000 POPULATION.

YEAR.	Population.*	BIRTHS. Number of births reported.	BIRTHS. Birth-rate per 1,000 population.	MARRIAGES. Number of marriages.	MARRIAGES. Persons married per 1,000 population.	DEATHS. Number of deaths.	DEATHS. Death-rate per 1,000 population.
1879	1,020,584	23,116	22.65	7,096	13.91	20,440	20.03
1880	1,130,892	23,680	20.94	7,963	14.08	18,967	16.77
1881	1,160,275	23,484	20.24	8,109	13.98	20,812	17.94
1882	1,189,658	23,108	19.42	8,827	14.86	25,959	21.82
1883	1,209,048	24,430	20.21	9,166	15.16	23,310	19.28
1884	1,248,224	25,263	20.20	8,968	14.37	21,716	17.40
1885	1,278,033	24,077	18.84	8,989	14.07	23,807	18.63
1886	1,310,431	25,497	19.46	12,351	18.85	22,734	17.35
1887	1,342,829	27,340	20.36	15,416	22.96	24,331	18.12
1888	1,375,227	28,074	20.41	16,025	23.31	27,173	19.76
1889	1,407,625	29,099	20.67	15,726	22.34	26,543	18.86
1890	1,441,017	30,103	20.89	15,564	21.60	28,530	19.80
1891	1,478,784	28,882	19.53	15,305	20.70	28,840	19.50
1892	1,511,653	30,627	20.26	16,082	21.28	32,685	21.62
1893	1,538,799	32,285	20.98	17,178	22.33	30,596	19.88
1894	1,578,373	33,662	21.33	16,245	20.58	30,004	19.00
1895	1,672,942	31,742	18.97	15,873	18.98	30,634	18.31
1896	1,718,543	31,207	18.16	18,370	21.38	30,767	17.90
1897	1,764,144	31,595	17.91	18,171	20.60	29,822	16.90
1898	1,810,008	32,515	17.96	13,213	14.59	27,337	15.11
1899	1,855,872	29,419	15.84	13,336	14.37	30,999	16.70
1900	1,883,669	32,270	17.13	14,611	15.51	31,474	16.62
1901	1,925,781	34,812	18.08	16,539	17.18	31,739	16.48
1902	1,967,893	35,116	17.84	18,150	18.45	31,319	15.91
1903	2,016,797	37,242	18.47	19,512	19.35	31,820	15.87
1904	2,058,909	38,751	18.82	18,919	18.38	35,298	17.14
1905	2,144,143	39,689	18.51	20,372	19.19	33,864	15.79
1906	2,196,238	42,677	19.43	21,580	19.65	35,670	16.24
1907	2,248,331	44,651	19.86	23,649	21.04	37,408	16.63
1908	2,300,427	47,405	20.61	26,155	22.74	35,597	15.47
1909	2,352,522	47,508	20.19	29,724	25.27	36,359	15.46
1910	2,537,167	53,942	21.26	27,912	22.00	39,494	15.57
1911	2,615,772	58,133	22.22	25,014	19.13	38,612	14.76
1912	2,694,377	60,073	22.30	26,821	19.91	37,772	14.02
1913	2,772,981	61,432	22.15	27,897	19.98	39,425	14.22
1914	2,851,586	65,403	22.94	28,528	20.01	39,967	14.02
1915	2,877,532	66,476	23.10	27,694	19.25	39,435	13.70
1916	2,948,016	70,211	23.82	31,169	21.15	43,376	14.71
1917	3,014,193	75,309	24.98	30,060	19.94	43,532	14.44
1918	3,080,371	74,549	24.20	23,989	15.38	60,852	19.75

TABLE 5.—DEATHS IN NEW JERSEY PER 100,000 POPULATION, TOTAL, AND BY WHITE AND COLORED INHABITANTS.

Abridged International List Number.	CAUSE OF DEATH.	Total deaths per 100,000 population.		White deaths per 100,000 white population.		Colored deaths per 100,000 colored population.	
		1917	1918	1917	1918	1917	1918
1	Typhoid fever	6.4	5.2	6.3	5.0	11.3	11.1
2	Typhus fever						
3	Malaria	.2	.4	.2	.4	.0	.9
4	Smallpox						
5	Measles	4.0	17.1	3.9	16.9	6.6	21.3
6	Scarlet fever	1.6	1.9	1.6	1.9	.9	.9
7	Whooping cough	9.7	18.7	9.1	16.7	25.5	74.2
8	Diphtheria and croup	14.8	16.2	15.2	16.5	3.8	7.4
9	Influenza	13.5	384.0	13.6	381.8	9.4	446.1
10	Asiatic cholera						
11	Cholera nostras	.2	.1	.2	.1	.0	
12	Other epidemic diseases	4.7	4.8	4.7	4.9	5.6	1.9
13	Tuberculosis of the lungs	137.5	141.3	130.6	133.7	328.8	350.5
14	Tuberculous meningitis	7.8	8.1	7.7	8.5	10.4	15.8
15	Other forms of tuberculosis	7.9	6.3	7.4	5.8	23.6	20.4
16	Cancer and other malignant tumors	83.7	81.5	84.5	81.9	61.4	69.6
17	Simple meningitis	9.6	10.9	9.4	10.5	16.1	23.2
18	Cerebral hemorrhage and softening	90.7	96.1	89.4	95.2	125.6	120.6
19	Organic diseases of the heart	167.6	180.0	164.1	176.0	261.7	291.2
20	Acute bronchitis	12.9	15.9	12.8	15.3	20.8	31.5
21	Chronic bronchitis	4.7	4.8	4.8	4.8	4.7	4.6
22	Pneumonia	122.2	243.9	113.8	223.6	353.4	527.7
23	Other diseases of the respiratory system (tuberculosis excepted)	67.8	116.6	64.9	112.9	147.4	217.9
24	Diseases of the stomach (cancer excepted)	12.6	10.6	12.7	10.2	15.1	20.4
25	Diarrhoea and enteritis (under 2 years)	77.4	74.0	73.8	72.0	119.0	102.5
26	Appendicitis and typhlitis	9.7	9.4	9.7	9.1	8.5	17.6
27	Hernia, intestinal obstruction	9.2	9.9	9.2	9.7	8.5	16.7
28	Cirrhosis of the liver	14.6	10.9	14.2	10.9	13.2	11.1
29	Acute nephritis and Bright's disease	138.8	121.0	135.5	116.8	237.7	238.2
30	Non-cancerous tumors and other diseases of the female genital organs	5.3	4.1	5.0	3.7	14.1	15.8
31	Puerperal septicemia (puerperal fever, peritonitis)	5.0	3.8	4.8	3.7	9.4	6.5
32	Other puerperal accidents of pregnancy and labor	8.6	9.7	8.7	9.6	5.7	13.0
33	Congenital debility and malformations	81.7	79.4	81.6	77.6	85.1	127.0
34	Senility	9.1	8.2	9.2	8.1	6.6	11.1
35	Suicide	14.1	11.0	14.0	11.1	4.7	8.3
36	Violent deaths (suicide excepted)	94.8	95.8	93.7	94.7	118.1	126.1
37	Other diseases	195.0	171.3	192.4	168.0	267.5	261.5
38	Unknown or ill-defined diseases	1.4	1.9	1.9	1.8	.9	3.7
	Total	1444.2	1975.5	1412.0	1930.4	2329.5	3217.0

TABLE 6.—PERCENTAGE OF DEATHS BY CAUSES TO TOTAL DEATHS AND BY SEX TO TOTAL.

Abridged International List Number.	CAUSE OF DEATH.	Percentage of total.		Males—Percentage of total.		Females—Percentage of total.	
		1917	1918	1917	1918	1917	1918
1	Typhoid fever	.4	.3	66.0	56.3	34.0	43.7
2	Typhus fever						
3	Malaria	.0		60.0	30.8	40.0	69.2
4	Smallpox						
5	Measles	.3	.0	55.4	51.3	44.6	48.7
6	Scarlet fever	.1	.1	60.4	42.1	39.6	57.9
7	Whooping cough	.7	1.0	43.2	42.8	56.8	57.2
8	Diphtheria and croup	1.0	.8	52.4	54.0	47.6	46.0
9	Influenza	.9	19.4	50.3	53.6	49.7	46.4
10	Asiatic cholera						
11	Cholera nostras	.0		60.0	33.3	40.0	66.7
12	Other epidemic diseases	.4	.2	59.2	52.7	40.8	47.3
13	Tuberculosis of the lungs	9.5	7.1	61.8	60.5	38.2	39.5
14	Tuberculous meningitis	.6	.5	57.0	56.9	43.1	43.1
15	Other forms of tuberculosis	.6	.3	60.3	62.2	39.7	37.8
16	Cancer and other malignant tumors	5.8	4.1	40.7	41.3	59.3	58.7
17	Simple meningitis	.7	.6	54.7	57.3	45.3	42.7
18	Cerebral hæmorrhage and softening	6.3	4.9	47.7	46.8	52.3	53.2
19	Organic diseases of the heart	11.6	9.1	51.2	49.9	48.8	50.1
20	Acute bronchitis	.9	.8	53.7	49.4	46.3	50.6
21	Chronic bronchitis	.2	.2	49.3	53.7	50.7	46.3
22	Pneumonia	8.5	12.3	59.1	56.5	40.9	43.5
23	Other diseases of the respiratory system(tuberculosis excepted)	4.7	5.9	53.2	53.3	46.8	46.7
24	Diseases of the stomach (cancer excepted)	.9	.5	58.3	52.3	41.7	47.7
25	Diarrhœa and enteritis (under 2 years)	5.4	3.7	54.1	55.6	45.9	44.4
26	Appendicitis and typhlitis	.7	.3	61.2	60.3	38.8	39.7
27	Hernia, intestinal obstruction	.6	.5	48.6	53.4	51.4	46.6
28	Cirrhosis of the liver	1.0	.6	69.2	65.8	30.8	34.2
29	Acute nephritis and Bright's disease	9.6	6.1	53.7	53.3	46.3	46.7
30	Noncancerous tumors and other diseases of the female genital organs	.4	.2			100.0	100.0
31	Puerperal septicæmia (puerperal fever, peritonitis)	.3	.2			100.0	100.0
32	Other puerperal accidents of pregnancy and labor	.6	.5			100.0	100.0
33	Congenital debility and malformations	5.6	4.0	57.7	56.8	42.3	43.2
34	Senility	.6	.4	37.1	34.0	62.9	66.0
36	Suicide	.9	.6	73.5	66.8	26.5	33.2
35	Violent deaths (suicide excepted)	6.5	4.9	76.0	74.3	24.0	25.7
37	Other diseases	13.5	8.7	54.6	53.2	45.4	46.8
38	Unknown or ill-defined diseases	.1	.1	41.8	46.6	58.2	53.4
	Total	100.0	100.0	54.9	53.9	45.1	46.1

TABLE 7.—DEATHS FROM TUBERCULOSIS OF LUNGS AND ACUTE MILIARY TUBERCULOSIS IN NEW JERSEY—1900 TO 1918.

Year.	Population.	Deaths.	Death-rate per 100,000 Population.
1900	1,883,669	3,514	186.6
1901	1,925,781	3,257	169.1
1902	1,967,893	3,015	153.2
1903	2,016,797	3,380	167.6
1904	2,058,909	3,670	178.2
1905	2,144,143	3,587	167.3
1906	2,197,238	3,654	166.4
1907	2,248,331	3,749	166.7
1908	2,300,427	3,616	157.2
1909	2,352,522	3,608	153.4
1910	2,537,167	3,902	153.8
1911	2,615,772	3,986	152.4
1912	2,694,377	3,708	137.6
1913	2,772,981	3,683	132.8
1914	2,851,586	3,856	135.2
1915	2,877,532	3,917	136.1
1916	2,948,016	3,844	130.4
1917	3,014,193	4,146	137.5
1918	3,080,371	4,353	141.3

TABLE 8.—NUMBER OF DEATHS AT ALL AGES, UNDER ONE YEAR OF AGE AND UNDER FIVE YEARS OF AGE, AND THEIR PERCENTAGE OF THE TOTAL.

Calendar Year.	Deaths in New Jersey.				
	All Ages.	Under one year.		Under five years.	
		Number.	Percentage of total.	Number.	Percentage of total.
1904	35,298	7,472	21.2	10,927	31.0
1905	33,864	6,951	20.5	9,864	29.1
1906	35,670	7,773	21.8	11,246	31.5
1907	37,408	7,732	20.7	10,867	29.0
1908	35,597	7,823	22.0	10,869	30.5
1909	36,359	7,658	21.1	11,137	30.6
1910	39,494	8,352	21.1	11,648	29.5
1911	38,612	7,642	19.8	10,740	27.8
1912	37,772	7,457	19.7	10,309	27.3
1913	39,425	7,542	19.1	10,686	27.1
1914	39,967	7,431	18.6	10,278	25.7
1915	39,435	7,077	17.9	9,828	24.9
1916	43,376	7,348	16.9	11,188	25.8
1917	43,532	7,582	17.4	10,267	23.6
1918	60,852	8,372	13.8	13,709	22.5

TABLE 9.—TOTAL DEATHS BY AGE PERIODS SHOWING PERCENTAGE OF TOTAL DEATHS.

	Total.	AGE PERIODS.																					
		Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.						
1917.																							
Deaths	43,502	7,582	1,451	571	308	292	10,207	859	1,493	2,909	3,717	4,695	5,385	5,845	5,479	2,572	360						
Percentage of total	100.0	17.4	3.3	1.3	0.9	0.7	23.6	1.9	3.4	6.8	8.5	10.6	12.4	13.4	12.6	6.0	0.8						
1918.																							
Deaths	60,852	8,372	2,710	1,277	759	591	13,709	1,586	3,073	8,462	8,211	5,743	5,897	5,984	5,456	2,504	369	11					
Percentage of total	100.0	13.8	4.4	2.1	1.2	1.0	22.5	2.6	5.1	13.9	13.6	9.4	9.7	9.8	9.0	4.1	0.6	0.1					

TABLE 10.—BIRTHS REPORTED, DEATHS UNDER ONE YEAR AND RATE OF DEATHS UNDER ONE YEAR PER THOUSAND BIRTHS.

	Births Reported.		Deaths Under One Year.		Infant Mortality Rate.	
	1917.	1918.	1917.	1918.	1917.	1918.
Atlantic County	1,620	1,517	148	176	90.9	116.0
Bergen County	4,502	4,419	414	431	92.0	97.5
Burlington County	1,604	1,615	178	217	110.9	134.4
Camden County	3,930	4,221	506	625	128.7	148.1
Cape May County	351	381	39	35	111.1	91.9
Cumberland County	1,206	1,174	109	127	90.3	108.2
Essex County	16,562	16,329	1,399	1,594	84.4	97.6
Gloucester County	906	978	94	144	103.7	147.2
Hudson County	15,576	15,601	1,589	1,725	102.0	110.6
Hunterdon County	543	575	47	50	77.5	87.0
Mercer County	4,193	3,975	468	482	111.6	121.2
Middlesex County	5,106	5,091	638	711	124.9	139.7
Monmouth County	1,928	1,938	206	164	106.8	84.6
Morris County	1,626	1,668	170	197	104.5	118.1
Ocean County	343	291	27	23	78.7	79.0
Passaic County	6,872	6,653	683	735	99.3	110.0
Salem County	879	821	104	115	118.3	140.1
Somerset County	1,078	901	112	93	103.8	103.2
Sussex County	543	558	70	69	128.9	123.7
Union County	4,932	4,913	476	540	96.5	109.9
Warren County	1,009	930	111	119	110.0	128.0
State total	75,309	74,549	7,582	8,372	100.7	112.3

TABLE 11.—BIRTHS, BY MONTHS FOR THE YEAR 1917, IN THE COUNTIES OF NEW JERSEY AND MUNICIPALITIES HAVING 5,000 OR MORE POPULATION APRIL 15, 1910.

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Atlantic County	151	118	158	143	130	126	146	165	132	126	109	116	1,620
Atlantic City	88	74	89	79	81	70	80	104	88	76	67	74	976
Hammonton	8	10	21	18	13	13	11	18	9	9	7	12	152
Bergen County	412	358	378	348	395	403	371	374	369	387	345	352	4,502
Englewood	20	23	31	15	27	29	17	30	25	29	17	27	295
Garfield	69	64	58	51	54	62	53	45	61	58	50	58	703
Hackensack	47	39	41	47	45	49	45	46	46	39	48	47	521
Ridgewood	9	7	8	6	8	4	6	6	5	4	7	7	80
Rutherford	13	12	13	8	12	7	5	7	6	11	7	10	112
Burlington County	138	138	137	126	112	118	138	112	145	144	117	149	1,604
Burlington City	18	16	14	16	12	21	14	12	21	21	20	22	226
Camden County	353	325	363	316	299	311	338	344	352	328	311	299	3,930
Camden City	246	238	276	208	206	246	238	241	244	238	241	239	2,861
Gloucester	35	20	18	25	19	11	22	32	27	28	27	28	294
Cape May County	28	29	22	26	33	28	28	32	26	26	19	15	252
Cumberland County	94	87	111	80	98	93	128	103	104	102	97	113	1,206
Bridgeton	30	18	17	23	21	32	29	17	31	32	28	30	287
Millville	27	20	33	17	17	31	28	19	25	26	22	24	289
Vineland	14	16	24	12	23	16	25	18	23	14	16	24	215
Essex County	1,419	1,348	1,521	1,343	1,269	1,326	1,478	1,445	1,365	1,379	1,260	1,409	16,565
Bloomfield	32	26	31	42	25	32	39	26	26	28	20	33	360
East Orange	48	39	48	40	55	44	48	51	45	46	49	38	551
Irvington	37	40	50	37	37	46	37	39	36	35	40	33	477
Montclair	38	27	35	28	28	28	34	36	36	35	33	27	390
Newark	1,033	965	1,121	958	898	937	1,059	1,050	987	1,020	875	1,049	11,952
Nutley	13	12	12	13	19	22	20	22	23	23	14	16	215
Orange	91	106	101	110	98	96	108	120	96	101	102	95	1,224
South Orange	11	12	7	5	8	8	9	9	6	14	8	11	106
West Orange	30	32	38	21	28	30	33	19	22	16	26	28	326
Gloucester County	34	66	62	80	89	83	91	77	84	61	56	83	906
Hudson County	1,318	1,222	1,304	1,233	1,193	1,245	1,410	1,419	1,353	1,273	1,278	1,268	15,570
Bayonne	212	191	210	187	182	190	203	220	199	228	192	223	2,437
Guttenberg	12	12	16	13	13	17	17	17	20	15	15	21	184
Harrison	30	25	20	28	26	26	42	36	45	30	37	45	399
Hoboken	156	162	150	151	131	133	167	169	144	125	155	136	1,779
Jersey City	616	524	601	578	554	543	652	652	629	582	573	549	7,032
Kearny	52	69	64	45	37	39	37	39	40	28	31	37	416
Town of Union	31	33	42	19	47	39	37	39	40	28	31	37	400

TABLE 11.—BIRTHS, BY MONTHS FOR THE YEAR 1917, IN THE COUNTIES OF NEW JERSEY AND MUNICIPALITIES HAVING 5,000 OR MORE POPULATION APRIL 15, 1910—*Continued.*

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Hudson County—Continued.													
West Hoboken	67	82	71	70	67	92	72	83	65	75	69	61	874
West New York	62	65	76	62	54	75	75	76	69	74	64	70	811
Hunterdon County	49	46	50	40	46	43	49	54	37	49	37	49	543
Mercer County	375	359	354	342	325	363	395	374	339	344	339	344	4,193
Princeton	8	8	6	7	7	9	5	5	5	4	3	4	65
Trenton	308	292	281	294	264	254	335	305	281	286	278	288	3,477
Middlesex County	132	135	153	101	351	405	425	500	413	447	405	393	5,106
New Brunswick	78	79	82	76	75	59	90	100	88	88	79	77	971
Perth Amboy	154	144	158	136	137	146	148	185	147	146	149	143	1,793
Roosevelt	37	42	36	36	35	29	31	53	31	39	23	39	431
South Amboy	21	23	25	13	22	21	20	16	15	27	19	17	239
Monmouth County	176	140	168	162	140	165	190	192	154	154	145	142	1,928
Asbury Park	22	20	16	15	21	24	17	21	12	16	12	11	201
Long Branch	36	34	36	36	41	26	44	53	40	38	32	33	449
Red Bank	15	9	16	19	7	16	12	9	10	11	11	8	152
Morris County	142	129	134	130	140	135	130	133	130	146	134	143	1,626
Dover	22	20	20	16	13	19	23	25	26	18	20	26	248
Morristown	34	28	29	24	32	23	20	30	22	28	30	24	335
Ocean County	34	29	31	32	33	30	39	39	34	26	25	32	343
Passaic County	581	505	618	502	505	577	598	661	574	578	546	527	6,872
Passaic City	210	181	212	190	185	188	214	217	205	204	198	192	2,396
Paterson	278	281	298	248	243	267	284	310	239	267	255	237	3,207
Salem County	73	76	85	73	48	79	72	88	76	73	50	86	879
Salem City	20	16	22	10	6	21	8	18	17	12	14	16	180
Somerset County	81	86	110	86	82	115	89	80	85	84	84	96	1,078
North Plainfield	11	10	15	19	9	10	8	8	5	6	10	4	106
Somerville	9	11	16	16	11	28	10	14	12	13	10	17	167
Sussex County	46	37	43	38	58	39	45	59	43	48	47	40	543
Union County	432	381	417	429	356	407	461	430	416	426	380	394	4,932
Elizabeth	240	191	231	195	195	226	222	225	242	229	200	240	2,776
Plainfield	61	59	61	92	57	66	72	58	71	61	62	63	779
Rahway	30	19	16	37	15	16	31	25	19	20	18	23	269
Summit	21	25	24	15	8	17	29	19	21	27	30	25	265
Westfield	11	11	10	11	14	9	20	25	13	13	11	20	170
Warren County	85	79	116	85	87	84	96	83	91	87	83	73	1,009
Phillipsburg	28	23	50	28	40	43	33	30	33	29	37	24	388
Total	6,513	6,048	6,895	6,081	5,831	6,115	6,693	6,794	6,300	6,255	5,869	6,115	75,309

TABLE 11A.—BIRTHS, BY MONTHS FOR THE YEAR 1918, IN THE COUNTIES OF NEW JERSEY AND MUNICIPALITIES HAVING 5,000 OR MORE POPULATION APRIL 15, 1910.

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Atlantic County	116	114	135	114	122	141	162	155	107	120	113	118	1,517
Atlantic City	66	65	74	63	73	79	92	98	62	76	68	71	887
Hammonton	9	14	13	10	14	13	14	7	10	12	15	15	146
Bergen County	386	324	380	402	313	395	409	419	386	405	295	305	4,419
Englewood	25	17	28	27	22	45	38	38	29	26	24	28	347
Garfield	45	62	50	62	50	45	54	62	54	74	44	35	637
Hackensack	43	34	53	51	30	43	45	41	43	48	37	38	506
Ridgewood	8	7	6	10	5	8	3	8	4	7	4	6	76
Rutherford	13	11	13	14	12	6	9	10	9	13	9	6	125
Burlington County	150	143	135	121	132	151	141	157	137	133	118	97	1,615
Burlington City	17	18	19	14	17	18	14	21	17	14	18	10	197
Camden County	356	373	359	373	295	341	394	380	371	364	280	335	4,221
Camden City	250	269	259	271	202	235	296	275	264	261	199	233	3,014
Gloucester	24	20	22	20	15	18	24	19	20	18	12	24	236
Cape May County	32	25	28	24	27	33	56	40	26	37	29	24	381
Cumberland County	115	82	98	98	114	102	95	105	97	100	91	77	1,174
Bridgeton	36	24	28	30	26	29	30	27	26	29	25	24	334
Millville	21	35	27	21	42	31	18	26	25	32	21	16	315
Vineland	19	9	15	21	12	17	17	19	16	13	19	7	184
Essex County	1,461	1,323	1,541	1,327	1,289	1,346	1,478	1,461	1,330	1,412	1,153	1,208	16,329
Bloomfield	25	4	31	32	32	35	43	33	34	34	23	26	352
East Orange	50	80	43	38	36	49	48	44	43	56	40	37	564
Irvington	47	33	44	30	35	34	45	38	42	35	42	38	463
Montclair	35	29	26	29	28	33	35	25	34	37	24	28	363
Newark	1,059	953	1,115	948	946	961	1,069	1,085	954	983	792	822	11,687
Nutley	3	24	19	16	23	13	10	15	11	23	18	16	191
Orange	115	92	118	119	90	104	115	120	100	105	114	123	1,315
South Orange	13	8	7	8	8	8	8	4	12	7	5	6	94
West Orange	29	19	32	26	21	22	24	14	25	35	23	23	293
Gloucester County	91	71	76	84	93	77	101	86	77	75	77	70	978
Hudson County	1,477	1,298	1,482	1,271	1,198	1,304	1,447	1,419	1,270	1,270	1,050	1,115	15,601
Bayonne	249	202	279	185	168	183	241	231	214	206	173	176	2,507
Guttenberg	12	21	13	15	14	16	22	18	20	8	9	13	181
Harrison	36	49	38	32	27	32	32	40	32	32	34	39	423
Hoboken	158	151	157	137	134	151	165	150	134	144	146	119	1,746
Jersey City	721	573	649	568	565	616	644	657	551	547	436	490	7,017
Kearny	43	48	59	52	44	58	46	53	50	57	38	51	599
Town of Union	27	40	39	40	36	33	34	33	29	46	29	20	406

TABLE 11A.—BIRTHS, BY MONTHS FOR THE YEAR 1918, IN THE COUNTIES OF NEW JERSEY AND MUNICIPALITIES HAVING 5,000 OR MORE POPULATION APRIL 15, 1910—*Continued.*

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Hudson County—Continued.													
West Hoboken	67	67	76	87	65	68	88	73	82	71	59	58	861
West New York	70	56	82	67	66	60	69	71	69	93	57	67	827
Hunterdon County	55	51	43	46	36	43	56	57	46	41	51	50	575
Mercer County	325	323	377	367	318	322	332	332	334	363	285	297	3,975
Princeton	5	10	4	18	11	7	6	12	11	9	11	10	114
Trenton	272	268	323	289	254	271	269	280	280	296	245	248	3,295
Middlesex County	465	418	469	429	392	424	461	468	418	450	338	359	5,091
New Brunswick	96	87	101	88	82	95	103	104	87	80	87	88	1,098
Perth Amboy	189	153	155	146	132	128	157	142	152	160	114	121	1,749
Roosevelt	30	42	23	38	37	40	34	53	38	34	17	28	414
South Amboy	10	17	26	12	14	17	20	27	11	11	5	10	180
Monmouth County	136	142	165	142	163	175	201	207	193	157	127	130	1,938
Asbury Park	13	17	12	15	18	13	13	25	14	14	14	12	180
Long Branch	38	43	33	28	32	36	43	61	52	38	33	22	459
Red Bank	11	12	15	12	11	16	18	15	23	14	6	14	167
Morris County	130	138	146	152	146	158	138	155	138	149	98	120	1,668
Dover	19	18	36	19	20	22	25	21	20	24	13	19	256
Morristown	28	32	34	29	37	40	32	27	37	35	17	27	375
Ocean County	26	32	29	15	26	19	26	25	21	24	21	27	291
Passaic County	602	550	649	588	546	526	600	634	548	518	432	460	6,653
Passaic City	220	201	227	196	193	167	195	196	187	182	151	174	2,289
Paterson	271	255	303	269	257	247	296	309	241	232	211	204	3,095
Salem County	91	69	67	78	72	57	69	109	33	56	67	53	821
Salem City	20	14	10	13	14	8	16	22	12	10	12	11	162
Somerset County	70	70	67	70	81	85	107	65	51	91	64	80	901
North Plainfield	8	7	12	5	12	8	12	11	5	10	6	9	105
Somerville	14	11	9	13	11	8	21	5	9	14	12	13	140
Sussex County	48	45	48	53	45	45	64	55	44	45	35	31	558
Union County	278	401	499	391	374	409	444	441	400	433	470	373	4,913
Elizabeth	103	229	273	217	188	211	241	245	223	244	294	210	2,678
Plainfield	56	67	92	58	71	63	67	64	57	73	75	56	799
Rahway	25	13	19	18	19	22	25	17	20	27	17	18	240
Summit	15	24	21	24	21	26	24	22	26	23	17	15	258
Westfield	20	13	14	8	14	14	16	16	14	9	13	7	158
Warren County	82	70	109	73	77	85	99	81	86	62	57	49	930
Phillipsburg	27	30	45	26	30	31	45	33	34	26	19	24	370
Total	6,492	6,062	6,902	6,218	5,859	6,238	6,880	6,851	6,113	6,305	5,251	5,378	74,549

TABLE 12.—DEATHS, BY MONTHS FOR THE YEAR 1917, IN THE COUNTIES OF NEW JERSEY AND MUNICIPALITIES HAVING 5,000 OR MORE POPULATION APRIL 15, 1910.

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Atlantic County	117	91	101	80	104	74	88	109	80	76	74	91	1,085
Atlantic City	69	47	57	59	73	44	52	64	55	49	48	60	677
Hammonton	8	9	9	4	6	8	7	8	6	8	4	6	83
Bergen County	279	213	199	165	188	153	182	177	200	209	158	229	2,352
Englewood	16	17	18	17	8	6	11	7	12	10	12	13	147
Garfield	24	21	11	14	14	18	21	15	17	20	11	21	207
Hackensack	30	17	16	18	19	16	15	17	29	25	20	24	246
Ridgewood	14	11	10	6	15	5	7	9	9	13	6	7	112
Rutherford	11	14	9	11	7	6	7	5	7	7	7	12	103
Burlington County	121	126	109	97	94	77	102	112	94	75	87	102	1,196
Burlington City	14	16	17	9	11	10	13	7	14	14	14	14	153
Camden County	304	273	259	222	202	199	239	232	179	195	249	264	2,817
Camden City	212	197	168	156	136	132	172	149	117	131	191	187	1,948
Gloucester	16	18	20	13	12	6	12	21	13	9	16	17	173
Cape May County	35	20	21	19	13	20	25	22	26	19	20	21	261
Cumberland County	84	81	85	82	55	56	67	68	72	50	62	93	855
Bridgeton	23	28	25	23	20	14	20	19	16	16	20	22	246
Millville	18	19	18	23	8	20	14	15	18	10	15	30	208
Vineland	11	11	11	4	7	6	8	14	11	7	7	9	106
Essex County	944	834	812	755	723	611	691	753	625	626	686	833	8,893
Bloomfield	21	24	22	34	18	17	25	21	23	26	21	29	281
East Orange	64	49	43	44	35	30	36	35	37	36	37	46	492
Irvington	28	30	17	25	26	18	14	20	17	20	17	22	254
Montclair	43	32	24	19	24	24	29	27	23	20	25	32	322
Newark	633	584	584	513	513	418	478	541	438	421	482	551	6,156
Nutley	12	8	10	9	10	11	5	12	3	9	11	10	110
Orange	48	46	37	43	46	34	32	34	36	34	40	54	484
South Orange	10	6	9	4	3	6	3	9	4	7	9	8	78
West Orange	22	11	12	19	13	11	22	17	14	9	7	15	172
Gloucester County	53	54	54	57	51	27	51	65	55	35	38	53	593
Hudson County	1,011	819	834	807	788	636	693	828	641	696	663	800	9,216
Bayonne	96	65	88	69	87	76	82	87	71	73	55	76	925
Guttenberg	10	8	7	4	8	7	4	2	5	6	8	7	76
Harrison	22	23	25	19	19	10	14	27	21	15	18	20	233
Hoboken	135	88	128	91	98	76	90	106	82	90	85	101	1,170
Jersey City	541	450	397	453	399	330	352	438	328	366	359	419	4,832
Kearny	19	26	28	25	18	17	34	24	20	22	22	24	279
Town of Union	34	28	33	23	24	24	21	22	13	19	26	17	274

TABLE 12.—DEATHS, BY MONTHS FOR THE YEAR 1917, IN THE COUNTIES OF NEW JERSEY AND MUNICIPALITIES HAVING 5,000 OR MORE POPULATION APRIL 15, 1910—*Continued.*

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Hudson County—Continued.													
West Hoboken	58	49	54	47	53	39	30	38	34	30	37	50	519
West New York	34	24	31	21	30	20	18	29	27	28	19	29	310
Hunterdon County	53	59	49	48	42	38	30	46	33	39	58	44	539
Mercer County	237	199	200	173	194	160	170	203	166	159	161	185	2,207
Princeton	19	7	10	6	9	5	12	13	8	12	3	8	112
Trenton	169	151	168	142	143	116	129	152	128	123	132	153	1,706
Middlesex County	218	193	202	201	180	163	224	218	193	166	152	174	2,284
New Brunswick	58	50	42	42	36	41	57	50	43	36	37	32	524
Perth Amboy	47	50	52	58	44	34	56	66	51	48	41	54	601
Roosevelt	16	13	10	15	18	9	22	14	14	10	6	7	154
South Amboy	8	8	13	6	9	12	14	10	8	7	7	11	113
Monmouth County	176	139	165	145	138	114	125	128	125	92	133	137	1,617
Asbury Park	20	18	20	16	28	15	13	17	11	7	13	16	194
Long Branch	24	17	17	16	13	15	16	21	21	9	19	14	202
Red Bank	9	11	17	11	14	15	8	12	19	14	14	17	161
Morris County	142	110	102	97	95	67	96	96	78	99	86	106	1,174
Dover	13	13	8	9	10	8	14	9	7	14	10	16	131
Morristown	22	26	21	20	18	10	14	19	14	15	10	16	205
Ocean County	32	32	39	20	29	25	18	28	26	23	19	28	319
Passaic County	323	273	298	316	275	224	277	329	286	321	298	267	3,397
Passaic City	81	79	72	78	59	57	99	83	71	56	67	53	855
Paterson	187	151	168	173	159	118	136	180	157	120	182	167	1,898
Salem County	65	53	37	33	42	41	36	49	32	32	43	37	500
Salem City	17	16	9	11	9	10	5	14	4	9	15	10	129
Somerset County	73	60	51	44	49	48	47	50	50	54	47	53	626
North Plainfield	10	10	2	5	5	7	10	8	13	3	5	5	83
Somerville	10	8	12	7	6	8	7	9	11	6	8	13	105
Sussex County	35	41	31	34	30	32	33	34	34	35	32	47	418
Union County	263	240	244	211	215	164	188	222	197	204	189	209	2,546
Elizabeth	127	128	128	84	101	88	93	124	113	102	95	100	1,283
Plainfield	39	29	39	43	27	23	27	30	28	39	29	28	381
Rahway	25	18	16	16	24	13	12	16	15	8	15	16	194
Summit	9	10	11	14	11	8	10	6	4	9	13	12	117
Westfield	8	8	10	7	9	3	6	7	7	7	11	10	93
Warren County	81	58	55	49	54	38	43	47	58	52	43	59	637
Phillipsburg	27	25	22	11	19	16	9	12	18	14	13	18	204
Total	4,646	3,968	3,947	3,655	3,561	2,967	3,425	3,816	3,250	3,167	3,298	3,832	43,532

TABLE 12A.—DEATHS, BY MONTHS FOR THE YEAR 1918, IN THE COUNTIES OF NEW JERSEY AND MUNICIPALITIES HAVING 5,000 OR MORE POPULATION APRIL 15, 1910.

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Atlantic County	110	87	95	95	91	82	101	101	79	490	136	205	1,672
Atlantic City	76	51	61	59	54	49	73	51	49	306	95	139	1,063
Hammonton	6	6	6	5	7	2	3	5	4	36	11	12	103
Bergen County	219	238	247	235	198	158	168	188	168	800	314	313	3,246
Englewood	19	19	15	20	12	7	12	7	12	55	20	17	215
Garfield	16	10	12	16	22	15	20	20	12	92	31	16	282
Hackensack	24	17	25	25	12	18	11	19	12	64	36	38	301
Ridgewood	11	4	4	8	7	5	5	3	3	12	9	11	82
Rutherford	11	11	8	12	7	7	7	5	7	20	8	14	117
Burlington County	123	111	147	101	88	82	83	99	101	462	100	116	1,613
Burlington City	26	12	11	18	8	13	14	14	16	90	16	27	265
Camden County	328	287	294	268	210	214	223	233	250	1,611	247	246	4,411
Camden City	221	198	191	185	137	140	147	161	176	1,203	170	159	3,088
Gloucester	28	20	19	16	18	9	18	16	10	126	13	21	314
Cape May County	26	25	23	24	27	22	35	20	18	59	19	42	340
Cumberland County	93	81	93	81	93	70	75	78	69	439	104	99	1,375
Bridgeton	26	29	20	29	29	19	30	19	22	148	24	22	417
Millville	22	12	30	14	23	16	17	13	14	122	24	23	330
Vineland	14	15	13	10	10	11	6	11	3	76	12	17	198
Essex County	886	789	1,013	922	727	587	674	652	654	2,657	1,156	1,122	11,839
Bloomfield	16	19	47	28	16	16	20	15	20	91	26	30	344
East Orange	64	36	51	56	38	25	32	33	34	99	57	70	591
Irvington	34	31	28	16	21	13	20	13	22	27	37	33	295
Montclair	25	26	31	24	23	25	34	34	27	102	25	57	433
Newark	602	553	704	659	516	412	472	452	452	1,960	817	711	8,310
Nutley	11	7	10	8	10	3	5	11	8	32	17	10	132
Orange	48	44	61	38	31	49	33	36	34	140	80	62	656
South Orange	7	5	3	8	12	4	5	5	9	22	12	19	111
West Orange	21	18	21	23	11	9	6	13	11	60	31	36	260
Gloucester County	64	64	66	55	49	56	64	82	58	318	58	59	993
Hudson County	924	763	1,068	884	693	614	630	624	745	3,375	1,035	841	12,196
Bayonne	106	79	98	109	82	62	61	55	121	577	96	73	1,519
Guttenberg	8	5	10	10	9	6	7	4	7	35	5	8	114
Harrison	23	25	34	22	25	18	17	6	13	75	30	15	303
Hoboken	114	101	137	117	67	57	74	70	75	350	130	81	1,373
Jersey City	451	384	574	431	365	330	324	356	369	1,602	534	457	6,177
Kearny	43	20	34	30	17	23	19	24	20	167	42	36	475
Town of Union	32	30	29	24	16	12	20	20	20	81	32	14	330

TABLE 12A.—DEATHS, BY MONTHS FOR THE YEAR 1918, IN THE COUNTIES OF NEW JERSEY AND MUNICIPALITIES HAVING 5,000 OR MORE POPULATION APRIL 15, 1910—*Continued.*

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Hudson County—Continued.													
West Hoboken	49	40	48	49	46	39	34	25	37	162	57	55	641
West New York	35	23	37	28	21	20	25	22	16	116	30	27	400
Hunterdon County	39	29	46	41	47	37	35	36	33	162	62	64	631
Mercer County	232	182	221	204	168	163	176	200	191	1,213	197	220	3,367
Princeton	15	13	9	1	3	9	7	9	4	37	8	9	124
Trenton	177	137	166	164	136	129	136	159	151	984	143	149	2,631
Middlesex County	218	193	238	229	186	183	198	215	224	1,347	280	220	3,731
New Brunswick	45	51	57	47	48	52	58	56	69	246	65	51	845
Perth Amboy	79	55	61	73	43	37	49	47	54	427	71	52	1,048
Roosevelt	13	11	9	11	14	14	14	19	10	117	19	10	261
South Amboy	14	10	18	14	9	17	9	8	14	139	10	8	270
Monmouth County	134	164	150	156	119	96	113	146	121	450	142	192	1,983
Asbury Park	11	13	16	16	12	8	12	16	12	55	19	20	210
Long Branch	21	16	19	22	16	10	21	16	17	47	15	32	252
Red Bank	19	28	15	15	13	12	15	14	15	48	7	9	210
Morris County	103	114	146	112	65	73	88	97	93	567	157	121	1,736
Dover	12	11	20	17	7	2	15	14	14	84	34	15	245
Morristown	13	19	19	24	10	9	11	17	20	80	16	21	259
Ocean County	29	33	26	30	26	19	22	19	20	92	28	27	371
Passaic County	367	297	334	296	271	232	248	315	277	1,170	450	424	4,681
Passaic City	81	71	83	77	71	75	79	77	60	268	108	97	1,147
Paterson	223	173	187	177	154	128	125	192	169	643	260	238	2,669
Salem County	52	53	45	64	40	20	36	62	41	216	45	52	726
Salem City	12	18	8	18	5	5	5	17	10	52	12	4	166
Somerset County	45	50	63	75	42	43	59	58	59	216	76	77	863
North Plainfield	5	8	5	14	4	10	13	5	10	24	7	11	116
Somerville	5	14	10	11	9	2	10	8	10	30	10	12	131
Sussex County	54	35	33	28	41	30	29	24	39	180	65	50	608
Union County	236	247	274	274	202	178	181	205	202	967	297	265	3,528
Elizabeth	119	130	144	138	102	88	91	101	75	545	141	99	1,773
Plainfield	40	43	37	58	26	28	27	36	39	124	49	43	550
Rahway	20	17	15	17	12	19	10	16	16	69	22	18	251
Summit	7	7	17	15	9	11	8	4	13	35	12	19	157
Westfield	11	9	15	7	9	7	11	12	15	26	5	21	148
Warren County	64	43	61	65	38	58	39	43	78	283	73	97	942
Phillipsburg	35	17	18	23	14	17	17	17	26	125	25	23	357
Total	4,346	3,885	4,683	4,239	3,421	3,017	3,277	3,497	3,520	17,074	5,041	4,852	60,852

TABLE 12½.—TABULATION OF DEATHS IN NEW JERSEY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	194	128	66	12			1	1	1	3	14	39	59	23	30	15	6	4	1		
2	Typhus fever											1			1		2		1			
3	Malaria	5	3	2																		
4	Smallpox																					
5	Measles	121	67	54	7	38	39	19	5	3	104	10	3	3	1							
6	Scarlet fever	48	29	19	1	7	6	13	3	3	32	7	6	3								
7	Whooping cough	292	126	166	27	151	94	27	8	5	285	6			1							
8	Diphtheria and croup	447	234	213	4	32	76	71	57	43	279	129	27	2	3	2	4			1		
9	Influenza	406	204	202	10	45	12	7	4	4	72	11	14	17	22	26	44	51	81	51	17	
10	Asiatic cholera																					
11	Cholera nostras	5	3	2		1					1						2	1		1		
12	Other epidemic diseases	142	84	58	6	43	8	3	2	3	59	6	2	8	4	10	12	14	17	8	2	
13	Tuberculosis of the lungs	4146	2561	1585	348	24	17	6	7	5	59	19	321	1072	1038	842	516	197	69	12	1	
14	Tuberculous meningitis	235	136	99	11	63	41	30	16	13	163	27	23	10	7	3	2					
15	Other forms of tuberculosis	230	144	95	25	17	10	8	4	7	46	22	30	42	28	34	18	11	6	1	1	
16	Cancer and other malignant tumors	2524	1026	1498	65	1	2	4	1	1	9	7	14	37	142	403	656	691	447	111	7	
17	Simple meningitis	289	158	131	17	77	35	24	13	11	160	38	36	16	12	13	7	5	2			
18	Cerebral hæmorrhage and softening	2733	1305	1428	133	10	1				11		4	19	56	189	447	731	819	412	45	
19	Organic diseases of the heart	5051	2584	2467	277	52	9	3	3	5	72	56	140	204	300	503	793	1130	1218	566	69	
20	Acute bronchitis	389	209	180	22	223	36	8	4	1	272	5	2	3	3	2	5	18	29	43	7	
21	Chronic bronchitis	144	71	73	5	6	3		1		10	1	1	2	4	6	9	28	41	34	8	
22	Pneumonia	3634	2177	1507	374	493	204	80	43	24	844	60	107	251	393	476	500	486	403	147	17	
23	Other diseases of the respiratory system (tuberculosis excepted)	2043	1087	956	156	769	271	65	35	36	1176	41	30	39	55	79	114	152	191	148	18	
24	Diseases of the stomach (cancer excepted)	386	225	161	16	106	11	7	3	4	131	4	2	18	33	52	44	41	40	19	2	
25	Diarrhœa and enteritis (under 2 years)	2332	1262	1070	126	1936	396				2332											
26	Appendicitis and typhlitis	291	178	113	11	3	1		3	3	10	18	59	63	51	42	26	12	8	2		
27	Hernia, intestinal obstruction	276	134	142	9	39	6	5		2	52	7	3	7	19	28	46	47	46	19	2	
28	Cirrhosis of the liver	426	295	131	14	2					2	1		6	39	105	125	84	50	13	1	
29	Acute nephritis and Bright's disease	4183	2248	1935	241	35	18	12	6	2	73	22	68	144	294	543	761	943	926	369	40	
30	Noncancerous tumors and other diseases of the female genital organs	159		159	15	1	1				2	1	3	20	41	55	19	8	8	2		
31	Puerperal septicæmia (puerperal fever, peritonitis)	150		150	10								11	72	57	10						
32	Other puerperal accidents of pregnancy and labor	258		258	6								17	108	113	20						
33	Congenital debility and malformations	2463	1420	1043	90	2427	18	4	8	2	2459		3	1			1	5	29	86	123	30
34	Senility	274	101	173	8											16	58	87	86	83	52	28
35	Suicide	413	309	104	5																	2
36	Violent deaths (suicide excepted)	2850	2166	684	125	89	55	57	60	58	319	190	272	409	423	420	321	251	153	74	18	1
37	Other diseases	5879	3209	2670	288	864	77	109	80	55	1185	156	240	276	465	615	806	855	796	413	72	
38	Unknown or ill-defined diseases	55	23	32	1	28	12	3	1	1	45				2		3	2	1		2	
	Total	43532	23905	19627	2465	7582	1459	566	368	292	10267	859	1493	2969	3717	4595	5385	5845	5470	2572	360	

Estimated population, 3,014,193. Deaths excluding non-residents of State, 43,532. Rate per 1,000 population, 14.44.

TABLE 12½A.—TABULATION OF DEATHS IN NEW JERSEY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	160	90	70	12		1	2	1	1	5	10	33	54	31	11	11	4		1		
2	Typhus fever																					
3	Malaria	13	4	9	1			1			1		1	2	2		2	3	2			
4	Smallpox																					
5	Measles	526	270	256	23	138	209	86	33	23	489	20	5	4	4	3		1				
6	Scarlet fever	57	24	33	1	1	6	3	11	6	27	12	9	5	4							
7	Whooping cough	577	247	330	80	248	164	79	33	25	549	24			1		1	1	1			
8	Diphtheria and croup	491	269	222	8	24	86	74	56	58	298	144	30	11	7	6	1	1				
9	Influenza	11829	6335	5494	481	464	509	289	196	140	1598	437	1046	3632	3177	961	472	283	166	47	9	1
10	Asiatic cholera																					
11	Cholera nostras	3	1	2		1					1									1		
12	Other epidemic diseases	148	78	70	2	52	5	3		2	62	2	3	4	6	11	13	16	20	9	2	
13	Tuberculosis of the lungs	4353	2635	1718	378	31	17	12	9	5	74	25	401	1142	1048	865	479	238	66	15		
14	Tuberculous meningitis	269	153	116	17	47	49	36	26	15	173	38	23	12	11	5	4	2	1			
15	Other forms of tuberculosis	193	120	73	22	15	9	6	7	2	39	15	23	33	23	28	15	12	4	1		
16	Cancer and other malignant tumors	2511	1037	1474	75	1	5	2	3	2	13	4	8	42	176	391	633	661	450	122	11	
17	Simple meningitis	337	193	144	25	105	56	21	11	9	202	38	24	25	17	14	8	4	4	1		
18	Cerebral hæmorrhage and softening	2961	1387	1574	130	26	1	2	1	1	31	3	4	17	60	217	490	802	870	413	54	
19	Organic diseases of the heart	5545	2767	2778	314	53	9	9	6	6	83	62	165	260	409	601	862	1119	1310	597	77	
20	Acute bronchitis	490	242	248	34	271	73	15	4	8	371	4	5	3	8	4	11	20	31	30	3	
21	Chronic bronchitis	149	80	69	5	7	4	1	1	1	14			5	7	6	13	23	49	27	5	
22	Pneumonia	7512	4243	3269	569	644	427	184	102	78	1435	202	453	1677	1424	767	597	465	333	141	18	
23	Other diseases of the respiratory system (tuberculosis excepted)	3591	1915	1676	235	918	506	227	109	70	1830	112	142	387	352	176	145	167	169	94	17	
24	Diseases of the stomach (cancer excepted)	325	170	155	22	69	12	3	2	3	89	5	4	19	30	38	35	35	38	28	4	
25	Diarrhœa and enteritis (under 2 years)	2278	1267	1011	111	1911	367				2278											
26	Appendicitis and typhlitis	290	175	115	19		1		8	7	16	30	70	60	39	40	17	14	4			
27	Hernia, intestinal obstruction	305	163	142	18	40	5	1		5	51	4	4	9	25	43	39	64	52	13	1	
28	Cirrhosis of the liver	336	221	115	12							1	2	5	35	62	99	88	37	7		
29	Acute nephritis and Bright's disease	3728	1987	1741	257	32	8	8	7	9	64	28	71	134	259	429	677	858	830	346	32	
30	Noncancerous tumors and other diseases of the female genital organs	126		126	17								4	28	30	39	12	6	6	2		
31	Puerperal septicæmia (puerperal fever, peritonitis)	118		118	7								7	64	40	7						
32	Other puerperal accidents of pregnancy and labor	299		229	14								12	120	143	23	1					
33	Congenital debility and malformations	2445	1389	1056	137	2396	33	7	3	1	2440	2	3				2	24	80	102	44	1
34	Senility	253	86	167	12									9	67	55	76	57	50	19	6	1
35	Suicide	340	227	113	9																	
36	Violent deaths (suicide excepted)	2592	2192	760	136	83	67	69	53	63	335	217	318	359	413	401	311	247	178	108	25	40
37	Other diseases	5277	2810	2467	282	760	80	135	76	51	1102	145	193	281	394	517	688	775	727	394	60	1
38	Unknown or ill-defined diseases	58	27	31	4	35	1	2	1		39	2	1	1	1	2	2	1	8		1	
	Total	60552	32804	28048	3469	8372	2710	1277	759	591	13709	1586	3073	8462	8231	5743	5697	5984	5456	2504	363	44

Estimated population, 3,080,371. Deaths excluding non-residents of State, 60,852. Rate per 1,000 population, 19.75.

TABLE 13.—TABULATION OF DEATHS IN ATLANTIC COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	7	6	1	1							1	1	4	1							
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	3		3			3				3											
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup	13	6	7	1	2			1		3	5	4	1								
9	Influenza	9	2	7		2	1	1			4			1			1	1	1	1		
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1	1																1			
13	Tuberculosis of the lungs	96	61	35	42	2					2	3	11	24	19	19	12	5	1			
14	Tuberculous meningitis	5	3	2	2	2			2		4		1									
15	Other forms of tuberculosis	5	4	1	1								2			1	2					
16	Cancer and other malignant tumors	70	27	43	9									1		11	24	15	14	5		
17	Simple meningitis	6	2	4		3					3		2			1						
18	Cerebral hæmorrhage and softening	74	38	36	9										1	5	10	21	26	10	1	
19	Organic diseases of the heart	117	51	66	26	1					1	1	3	2	6	12	21	31	30	9	1	
20	Acute bronchitis	10	8	2	1	4	3		1		8							2				
21	Chronic bronchitis	1		1															1			
22	Pneumonia	73	38	35	22	3	3	3		1	10	1	2	4	8	15	8	11	9	4	1	
23	Other diseases of the respiratory system (tuberculosis excepted)	44	19	25	14	13	3	3			19	2			3	2	2	7	8	1		
24	Diseases of the stomach (cancer excepted),	9	5	4		2		1		1	4				1	1		3				
25	Diarrhœa and enteritis (under 2 years)	44	28	16	10	32	12				44											
26	Appendicitis and typhlitis	5	2	3	1								1	1	1	1	1					
27	Hernia, intestinal obstruction	12	6	6	2	3					3	1			2		2	2	2			
28	Cirrhosis of the liver	12	9	3		1					1				1	4	3	3				
29	Acute nephritis and Bright's disease	128	80	48	25				1		1		4	1	7	24	23	30	25	11	2	
30	Noncancerous tumors and other diseases of the female genital organs	3		3	2								1	1		1						
31	Puerperal septicæmia (puerperal fever, peritonitis)	6		6	3								1	1	2	2						
32	Other puerperal accidents of pregnancy and labor	11		11	2								2	3	6							
33	Congenital debility and malformations	61	28	33	2	61					61											
34	Senility	16	2	14														1	5	10		
36	Suicide	14	8	6	3									3	4	3	3	1				
35	Violent deaths (suicide excepted)	69	47	22	9	2	1	1	2		6	1	5	1	7	16	10	14	8	1		
37	Other diseases	161	81	80	37	15	1	2	2	3	23	4	6	3	25	20	21	24	24	9	2	
38	Unknown or ill-defined diseases																					
	Total	1085	562	523	224	148	27	11	9	5	200	19	46	51	94	138	143	172	154	61	7	

Estimated population, 90,502. Deaths excluding non-residents of State, 1,085. Rate per 1,000 population, 11.98.

TABLE 13A.—TABULATION OF DEATHS IN ATLANTIC COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	4	1	3										1	3							
2	Typhus fever																					
3	Malaria	2	1	1	1										1			1				
4	Smallpox																					
5	Measles	3	1	2			1		2		3											
6	Scarlet fever																					
7	Whooping cough	11	6	5	7	7	3			1	11											
8	Diphtheria and croup	2		2								1	1									
9	Influenza	435	233	202	50	17	10	6	7	8	48	15	39	119	150	37	14	8	4	1		
10	Asiatic cholera																					
11	Cholera nostras	1	1			1					1											
12	Other epidemic diseases	2	1	1		2					2											
13	Tuberculosis of the lungs	109	62	47	34	4					4	2	4	23	24	29	14	8		1		
14	Tuberculous meningitis	4	2	2	1		2				2	2										
15	Other forms of tuberculosis	8	6	2								2	2	1	2	1						
16	Cancer and other malignant tumors	62	23	39	11										4	15	12	13	14	4		
17	Simple meningitis	3	2	1		1					1		2									
18	Cerebral hæmorrhage and softening	97	44	53	16							1		1		6	26	23	31	7	2	
19	Organic diseases of the heart	171	66	105	36	1	1				2	1	2	6	14	26	28	32	45	14	1	
20	Acute bronchitis	3	1	2	1	2					2				1							
21	Chronic bronchitis	4	1	3	1										1		2		1			
22	Pneumonia	127	74	53	40	21	8	2	1		32	5	5	19	17	15	19	5	7	3		
23	Other diseases of the respiratory system (tuberculosis excepted)	90	51	39	18	19	9	2		1	31	2	9	7	6	7	12	4	6	5	1	
24	Diseases of the stomach (cancer excepted),	13	6	7	3	3	1				4				3	2	1		1	2		
25	Diarrhœa and enteritis (under 2 years)	46	21	25	7	34	12				46											
26	Appendicitis and typhlitis	7	4	3	2							1		1	1	3		1				
27	Hernia, intestinal obstruction	14	5	9	6	1					1			3		3	2	3	1	1		
28	Cirrhosis of the liver	10	4	6	2										1	1	3	2	1	2		
29	Acute nephritis and Bright's disease	114	53	61	18	1					1			6	12	18	14	26	27	10		
30	Noncancerous tumors and other diseases of the female genital organs	6		6									1	2		1	1		1			
31	Puerperal septicæmia (puerperal fever, peritonitis)	4		4										3	1							
32	Other puerperal accidents of pregnancy and labor	6		6										1	5							
33	Congenital debility and malformations	52	27	25	7	51	1				52											
34	Senility	11	2	9														2	5	3	1	
36	Suicide	13	9	4	1									3		2	5	2	1			
35	Violent deaths (suicide excepted)	74	56	18	9			2	1	2	5	4	11	13	8	13	7	3	6	3	1	
37	Other diseases	163	80	83	27	11	4	3	2		20	3	4	5	12	16	36	31	26	9	1	
38	Unknown or ill-defined diseases	1		1												1						
	Total	1672	843	829	298	176	52	15	13	12	268	39	80	214	266	196	196	164	176	66	7	

Estimated population, 93,083. Deaths excluding non-residents of State, 1,672. Rate per 1,000 population, 17.96.

TABLE 14.—TABULATION OF DEATHS IN BERGEN COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	13	9	4								1		6	2	4						
2	Typhus fever																					
3	Malaria	1		1									1									
4	Smallpox																					
5	Measles	4	2	2		3					3	1										
6	Scarlet fever	5	3	2		1		1			2		3									
7	Whooping cough	9	5	4		6	3				9											
8	Diphtheria and croup	18	10	8		2	1	1	4	3	11	3	3				1					
9	Influenza	22	10	12		4	2				6	1	2	2	1		1	4	5			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	6	2	4		1					1					1	1		3			
13	Tuberculosis of the lungs	173	97	76	9					1	1		17	45	36	41	20	8	4	1		
14	Tuberculous meningitis	15	5	10		3	3	2	1	2	11	3	1									
15	Other forms of tuberculosis	16	7	9		1	1	1			3	1	3	1	1	5		1	1			
16	Cancer and other malignant tumors	154	65	89	1				1		1	1	1		10	29	46	36	23	6	1	
17	Simple meningitis	11	6	5	1	2		1			3	3	1			1	1	1	1			
18	Cerebral hæmorrhage and softening	159	68	91	5										4	5	37	32	54	24	3	
19	Organic diseases of the heart	287	144	143	8	2		1			3	2	6	12	22	24	37	81	59	37	4	
20	Acute bronchitis	19	8	11		6	1				7	1	1					1	4	5		
21	Chronic bronchitis	9	3	6														1	5	2	1	
22	Pneumonia	215	107	108	5	29	11	7	2		49	5	7	13	21	22	27	25	29	14	3	
23	Other diseases of the respiratory system (tuberculosis excepted)	106	45	61	3	47	12	4	2	2	67	1		2		2	5	6	10	10	3	
24	Diseases of the stomach (cancer excepted),	11	6	5	1	3		1			4	1			1	1			3	1		
25	Diarrhœa and enteritis (under 2 years)	116	58	58	4	9	18				116											
26	Appendicitis and typhlitis	19	13	6	1	1					1	2	4	4	2	4	1		1			
27	Hernia, intestinal obstruction	21	6	15		1					1	3		1	3	2	3	4	2	2		
28	Cirrhosis of the liver	19	11	8	1							1			2	4	3	4	3	1	1	
29	Acute nephritis and Bright's disease	205	104	101	8			2	1		3		1	5	15	21	34	48	45	31	2	
30	Noncancerous tumors and other diseases o the female genital organs	15		15	3									2	4	5	2	1	1			
31	Puerperal septicæmia (puerperal fever, peritonitis)	11		11	1								2	5	4							
32	Other puerperal accidents of pregnancy and labor	10		10										4	5	1						
33	Congenital debility and malformations	141	89	52	4	140					140		1									
34	Senility	18	7	11													1	1	2	12	2	
36	Suicide	33	28	5								1		5		9	5	7	6			
35	Violent deaths (suicide excepted)	164	137	27	8	4	1	2	4	2	13	6	20	23	32	20	15	14	13	5	3	
37	Other diseases	325	172	153	6	58	6	7	5	1	77	5	16	14	24	32	41	54	40	19	3	
38	Unknown or ill-defined diseases	2		2		2					2											
	Total	2352	1227	1125	69	414	59	30	20	11	534	42	90	144	189	233	281	329	314	170	26	

Estimated population, 181,479. Deaths excluding non-residents of State, 2,352. Rate per 1,000 population, 12.96.

TABLE 14A.—TABULATION OF DEATHS IN BERGEN COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	5	3	2									2	1	1		1					
2	Typhus fever																					
3	Malaria	2	1	1										2								
4	Smallpox																					
5	Measles	26	16	10	1	5	10	6		1	22	3			1							
6	Scarlet fever	4	1	3								1	1	1	1							
7	Whooping cough	31	13	18	5	17	6	8			31											
8	Diphtheria and croup	35	23	12			6	4	1	5	16	12	4	3								
9	Influenza	626	312	314	27	25	30	10	7	9	81	31	74	159	181	53	24	20	3			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	7	6	1		2					2					2	1	2				
13	Tuberculosis of the lungs	189	99	90	8		2	1		1	4	3	23	49	45	32	13	16	4			
14	Tuberculous meningitis	18	11	7		5	4	2	3		14	2		1	1							
15	Other forms of tuberculosis	7	3	4	1		1	1		1	3			1		3						
16	Cancer and other malignant tumors	137	51	86	2								1	1	14	23	29	29	36	4		
17	Simple meningitis	21	11	10	4	8	3	1			12	3	2	2			1	1				
18	Cerebral hæmorrhage and softening	184	83	101	2	1					1			3	3	14	22	40	64	33	4	
19	Organic diseases of the heart	336	157	179	12		1	1			2	8	8	17	17	27	42	79	96	36	4	
20	Acute bronchitis	21	10	11		12					12	1	1	1	1			2	2		1	
21	Chronic bronchitis	3		3															1	1	1	
22	Pneumonia	385	217	168	8	28	16	14	6	6	70	14	19	73	71	44	23	29	30	11	1	
23	Other diseases of the respiratory system (tuberculosis excepted)	160	91	69	10	45	26	14	4	5	94	5	6	18	9	7	4	6	6	4	1	
24	Diseases of the stomach (cancer excepted),	17	7	10	1	4	1				5			3		1	1	2	3	2		
25	Diarrhœa and enteritis (under 2 years)	106	66	40	2	85	21				106											
26	Appendicitis and typhlitis	17	11	6						1	1	2	3	2	1	2	2	3	1			
27	Hernia, intestinal obstruction	11	10	11	1	6	1				7			2	3	2	1	2	3	1		
28	Cirrhosis of the liver	25	13	12											1	4	11	7	2			
29	Acute nephritis and Bright's disease	193	109	84	12	1					1	3	5	7	10	22	27	51	47	20		
30	Noncancerous tumors and other diseases o the female genital organs	11		11	1									2	3	4		1	1			
31	Puerperal septicæmia (puerperal fever, peritonitis)	7		7										4	3							
32	Other puerperal accidents of pregnancy and labor	19		19									1	6	9	3						
33	Congenital debility and malformations	138	86	52	6	136	1	1			138											
34	Senility	17	8	9															3	3	9	2
36	Suicide	35	15	20	1								3	5	5	9	6	4	2	1		
35	Violent deaths (suicide excepted)	147	93	54	5	5	3	4	6	2	20	8	20	19	20	16	9	16	9	8	2	
37	Other diseases	292	163	129	16	43	6	5	2	3	59	9	8	15	19	34	37	52	41	17	1	
38	Unknown or ill-defined diseases	4	1	3	1	3		1			4											
	Total	3246	1690	1556	126	431	138	73	30	33	705	105	181	397	419	302	254	365	354	147	17	

Estimated population, 187,510. Deaths excluding non-residents of State, 3,246. Rate per 1,000 population, 17.31.

TABLE 15.—TABULATION OF DEATHS IN BURLINGTON COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	12	8	4	2							2	1	4	1	3	1					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	2	1	1		2					2											
6	Scarlet fever																					
7	Whooping cough	6		6		5	1				6											
8	Diphtheria and croup	15	6	9			2	4	2	1	9	3	2			1	1	2	3	6	1	
9	Influenza	16	10	6	1	1					1		1		1							
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	6	4	2		1					1			1		1		1	2			
13	Tuberculosis of the lungs	100	58	42	7			2			2	1	5	31	22	15	16	6	1	1		
14	Tuberculous meningitis	5	2	3	1	2	1				3	1	1									
15	Other forms of tuberculosis	6	3	3				1			1	1	1			1	2					
16	Cancer and other malignant tumors	85	36	49	2								1	1	3	5	18	22	27	8		
17	Simple meningitis	3	1	2		1		1			2							1				
18	Cerebral hæmorrhage and softening	95	37	58	7									1	1	1	14	36	24	17	1	
19	Organic diseases of the heart	132	68	64	13	3	1			2	6	2	4	1	4	10	15	25	41	22	2	
20	Acute bronchitis	8	4	4	1	2	1	2			5							1		1		
21	Chronic bronchitis	1		1																		
22	Pneumonia	109	51	58	9	10	6	3			19	1	5	6	7	11	18	10	22	10		
23	Other diseases of the respiratory system (tuberculosis excepted)	46	28	18	8	26	4			1	31	1					1	2	4	7		
24	Diseases of the stomach (cancer excepted),	14	11	3	1	4	1		1		6			1				3	2	2		
25	Diarrhœa and enteritis (under 2 years)	53	25	28	5	39	14				53											
26	Appendicitis and typhlitis	6	3	3									3	2	1							
27	Hernia, intestinal obstruction	7	5	2		3					3				1				1	2		
28	Cirrhosis of the liver	13	11	2												2	5	4	2			
29	Acute nephritis and Bright's disease	145	74	71	11								4	6	3	11	16	35	47	21	2	
30	Noncancerous tumors and other diseases of the female genital organs	6		6										1	1	2	1	1				
31	Puerperal septicæmia (puerperal fever, peritonitis)	2		2											1	1						
32	Other puerperal accidents of pregnancy and labor	7		7	1									4	2	1						
33	Congenital debility and malformations	60	32	28	3	60					60											
34	Senility	19	7	12														1	5	8	5	
35	Suicide	6	4	2										1	1	1	1	2				
36	Violent deaths (suicide excepted)	73	56	17	5	4	3	2	3		12	4	8	10	17	6	4	2	4	5	1	
37	Other diseases	138	78	60	11	15	2	5	2		24	6	4	5	7	8	16	24	22	18	4	
38	Unknown or ill-defined diseases																					
	Total	1196	623	573	88	178	36	20	8	4	246	22	40	75	73	81	130	179	211	123	16	

Estimated population, 72,641. Deaths excluding non-residents of State, 1,196. Rate per 1,000 population, 16.46.

TABLE 15A.—TABULATION OF DEATHS IN BURLINGTON COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	11	8	3	1								4	5	1	1						
2	Typhus fever																					
3	Malaria														1							
4	Smallpox	11	6	5	1		8	1		1	10			1								
5	Measles	1	1																			
6	Scarlet fever	14	8	6	2	6	5	1	1		13	1										
7	Whooping cough	7	4	3		2	3				5	2										
8	Diphtheria and croup	363	195	168	27	19	14	12	7	7	59	13	29	89	110	19	20	8	14	2		
9	Influenza																					
10	Asiatic cholera																	1		1		
11	Cholera nostras	2		2									10	17	23	18	10	3	1			
12	Other epidemic diseases	82	45	37	11							4	1									
13	Tuberculosis of the lungs	5	3	2		1	3				4				1	1	1					
14	Tuberculous meningitis	4	3	1	1				1		1					1	8	11	23	10	6	2
15	Other forms of tuberculosis	62	21	41	1									1						1		
16	Cancer and other malignant tumors	10	9	1	1	5	1		1		7	1				1	2	16	24	29	16	1
17	Simple meningitis	90	43	47	6			1			1											
18	Cerebral hæmorrhage and softening	144	82	62	13	1					1	1	4	2	8	10	18	30	44	23	3	
19	Organic diseases of the heart	10	3	7	1	8	1	1			10											
20	Acute bronchitis	7	4	3			1				1									4	2	
21	Chronic bronchitis	151	80	71	23	21	14	3			38	5	5	23	17	10	13	16	15	9		
22	Pneumonia																					
23	Other diseases of the respiratory system (tuberculosis excepted)	106	56	50	14	28	13	8	3	1	53	4	3	6	13	6	4	5	7	3	2	
24	Diseases of the stomach (cancer excepted),	11	5	6	2								1	1	1	1	1	2	3	1		
25	Diarrhœa and enteritis (under 2 years)	55	31	24	1	46	9				55											
26	Appendicitis and typhlitis	8	3	5									1	1	1	3	1	1				
27	Hernia, intestinal obstruction	8	8		1											1	2	2	1			
28	Cirrhosis of the liver	8	5	3													2	2	2			
29	Acute nephritis and Bright's disease	113	64	49	13							1	1	6	3	14	13	18	41	14	2	
30	Noncancerous tumors and other diseases of the female genital organs	4		4												1		1	2			
31	Puerperal septicæmia (puerperal fever, peritonitis)	4		4									1	1	2							
32	Other puerperal accidents of pregnancy and labor	11		11											3	4	3	1				
33	Congenital debility and malformations	67	38	29	14	65	1	1			67								1	6	12	1
34	Senility	20	9	11	3										2		4	2	2	2	1	
35	Suicide	13	9	4												1		2	7	4	1	
36	Violent deaths (suicide excepted)	80	60	20	1		2	3			5	8	7	8	9	17	6	6	7	7	1	
37	Other diseases	130	62	68	7	15		3	3	3	24	2	5	5	7	9	20	22	27	8	1	
38	Unknown or ill-defined diseases	1	1									1										
	Total	1613	866	747	144	217	75	34	16	15	357	39	72	174	212	118	143	168	214	103	13	

Estimated population, 73,484. Deaths excluding non-residents of State, 1,613. Rate per 1,000 population, 21.95.

TABLE 16.—TABULATION OF DEATHS IN CAMDEN COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	18	15	3	1					1	1	1	5	8	3							
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	12	2	10		3	4	3		2	12											
6	Scarlet fever	1	1				1				1											
7	Whooping cough	16	5	11	3	8	7		1		16											
8	Diphtheria and croup	31	18	13		5	7	8	4	1	25	6										
9	Influenza	32	13	19	2	2	2	2			6		2	2	1	1	3	4	8	4	1	
10	Asiatic cholera																					
11	Cholera nostras															1		2				
12	Other epidemic diseases	5	3	2		1		1			2											
13	Tuberculosis of the lungs	250	145	105	44	3	2	1	2	1	9	2	21	55	72	42	29	15	4	1		
14	Tuberculous meningitis	9	7	2		2	2	1		1	6	1	1			1						
15	Other forms of tuberculosis	15	12	3	5	1			1		2	1	1	2	2	3	1	2	1			
16	Cancer and other malignant tumors	162	78	84	7							2	1	1	2	7	33	41	41	31	4	1
17	Simple meningitis	12	5	7	2	2	1	1		1	5	2	1	1		3						
18	Cerebral hæmorrhage and softening	205	97	108	18										3	10	38	65	52	34	3	
19	Organic diseases of the heart	324	156	168	37	11	1		2		14	5	8	12	22	35	32	69	84	41	2	
20	Acute bronchitis	8	6	2	1	5		1			6							1		1		
21	Chronic bronchitis	6	4	2											1		2	1	1	1		
22	Pneumonia	267	156	111	50	47	18	4	4	1	74	7	8	22	35	26	33	29	27	5	1	
23	Other diseases of the respiratory system (tuberculosis excepted)	150	86	64	23	52	20	5	1	2	80	4		2	8	7	8	14	17	9	1	
24	Diseases of the stomach (cancer excepted)	25	12	13	3	7	1	1			9		1		3	4	3	3	1	1		
25	Diarrhœa and enteritis (under 2 years)	176	105	71	24	155	21				176											
26	Appendicitis and typhlitis	11	8	3	1									1		1	1	1	1			
27	Hernia, intestinal obstruction	18	6	12	3										1	3	4	4	4	2		
28	Cirrhosis of the liver	27	17	10	2										2	6	7	5	6	1		
29	Acute nephritis and Bright's disease	309	178	131	28	4	1	2		1	8	2	9	7	13	33	50	66	74	41	6	
30	Noncancerous tumors and other diseases of the female genital organs	11		11	1										2	6	3					
31	Puerperal septicæmia (puerperal fever, peritonitis)	16		16	1									9	6	1						
32	Other puerperal accidents of pregnancy and labor	8		8										5	3							
33	Congenital debility and malformations	158	91	67	18	154	3	1			158							3	9	9	3	
34	Senility	24	10	14	3								1	1	4	9	7	2	1			
36	Suicide	25	16	9											2	6	7	5	6	1		
35	Violent deaths (suicide excepted)	143	112	31	12	3	3	1	1	2	10	12	31	12	14	21	15	18	4	5	1	
37	Other diseases	340	184	156	31	39	2	3	2	3	49	9	18	20	28	29	54	61	47	17	8	
38	Unknown or ill-defined diseases	3	3			2	1				3											
	Total	2817	1551	1266	320	506	97	35	18	16	672	54	109	167	229	275	331	406	371	176	27	

Estimated population, 167,123. Deaths excluding non-residents of State, 2,817. Rate per 1,000 population, 16.85.

TABLE 16A.—TABULATION OF DEATHS IN CAMDEN COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	15	8	7								1	6	3	3	1		1				
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	21	11	10	1	6	10	2	2		20							1				
6	Scarlet fever	3	1	2					1		1		2									
7	Whooping cough	51	18	33	2	17	15	4	7	4	47	3						1				
8	Diphtheria and croup	30	13	17	1	3	3	6	1	4	17	7	1	3			1	1				
9	Influenza	1003	536	467	55	34	53	25	21	10	143	41	83	301	284	81	32	23	10	5		
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	6	3	3		2					2						1		3			
13	Tuberculosis of the lungs	272	154	118	41	1	3		1	1	6	2	32	64	62	53	26	19	7	1		
14	Tuberculous meningitis	11	8	3		2	2		1		5	1	2	1	1			1				
15	Other forms of tuberculosis	17	12	5	1	1					1	2	1	2	3	3	3	2				
16	Cancer and other malignant tumors	151	67	84	6									2	13	27	39	33	29	7	1	
17	Simple meningitis	20	10	10		8	1	2		1	12	2	1	2		1		1	1			
18	Cerebral hæmorrhage and softening	158	74	84	10										2	12	13	48	47	23	3	
19	Organic diseases of the heart	394	193	201	33	9	2	2			13	4	18	18	29	41	45	72	110	40	4	
20	Acute bronchitis	24	10	14	4	9	2	3	1	1	16		1		1				3	3		
21	Chronic bronchitis	10	3	7	1									1		1	1		4	3		
22	Pneumonia	689	365	324	79	89	49	22	16	13	189	31	47	126	128	54	46	38	25	5		
23	Other diseases of the respiratory system (tuberculosis excepted)	228	117	111	26	59	33	11	12	1	116	5	9	21	22	15	6	16	14	3	1	
24	Diseases of the stomach (cancer excepted)	18	13	5	3				1		1			1	3	3	5		5			
25	Diarrhœa and enteritis (under 2 years)	190	107	83	30	166	24				190											
26	Appendicitis and typhlitis	5	3	2	1					1	1		3					1				
27	Hernia, intestinal obstruction	18	11	7	3	1	1				2				2	3	2	7	2			
28	Cirrhosis of the liver	16	10	6	2										3	2	4	4	3			
29	Acute nephritis and Bright's disease	282	157	125	36	4	1			1	6	2	6	8	9	32	48	62	70	37	2	
30	Noncancerous tumors and other diseases of the female genital organs	9		9	3									3	2	2	1		1			
31	Puerperal septicæmia (puerperal fever, peritonitis)	8		8	1									6	2							
32	Other puerperal accidents of pregnancy and labor	23		23	3									5	14	4						
33	Congenital debility and malformations	172	97	75	13	168	4				172											
34	Senility	29	8	21	5													5	14	7	3	
36	Suicide	16	9	7										3	4	4		3	1	1		
35	Violent deaths (suicide excepted)	194	151	43	14	7	8	4	4	6	29	11	23	17	18	23	24	20	18	9	2	
37	Other diseases	327	183	144	32	39	4	12	5	3	63	13	10	22	20	40	51	48	36	23	1	
38	Unknown or ill-defined diseases	1		1																	1	
	Total	4411	2352	2059	406	625	215	93	73	46	1052	125	245	609	625	403	360	404	403	167	18	

Estimated population, 170,604. Deaths excluding non-residents of State, 4,411. Rate per 1,000 population, 25.86.

TABLE 17.—TABULATION OF DEATHS IN CAPE MAY COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1												1							
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	1	1				1				1											
6	Scarlet fever																					
7	Whooping cough	1	1		1	1					1											
8	Diphtheria and croup	1	1		1			1			1											
9	Influenza	1		1																	1	
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	22	11	11	4								1	4	3	6	5	2	1			
14	Tuberculous meningitis																					
15	Other forms of tuberculosis	1		1													1					
16	Cancer and other malignant tumors	17	7	10	2									2	1	1	4	8	1			
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	21	11	10	2												4	7	7	3		
19	Organic diseases of the heart	43	23	20	3								1	1	1	3	7	8	14	7	1	
20	Acute bronchitis	4	1	3															2	2		
21	Chronic bronchitis																					
22	Pneumonia	20	11	9	3	1		1			2		2		2		4	2	5	3		
23	Other diseases of the respiratory system (tuberculosis excepted)	10	4	6	1	4	1				5							1	3	1		
24	Diseases of the stomach (cancer excepted)	1	1											1								
25	Diarrhœa and enteritis (under 2 years)	5	3	2		5					5											
26	Appendicitis and typhlitis	1		1									1									
27	Hernia, intestinal obstruction	1	1																1			
28	Cirrhosis of the liver	3	2	1													1	1	1			
29	Acute nephritis and Bright's disease	28	13	15	1	1					1	1				2	5	6	7	6		
30	Noncancerous tumors and other diseases of the female genital organs	2		2										1			1					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	1		1												1						
33	Congenital debility and malformations	23	12	11		23					23											
34	Senility																					
36	Suicide	3	2	1											2	1						
35	Violent deaths (suicide excepted)	7	7		2							1				2	1	2	1			
37	Other diseases	43	31	12	5	4	2				6	1	2		1	1	6	11	8	7		
38	Unknown or ill-defined diseases																					
	Total	261	144	117	25	39	4	2			45	3	7	9	11	17	39	48	51	29	2	

Estimated population, 24,522. Deaths excluding non-residents of State, 261. Rate per 1,000 population, 10.64.

TABLE 17A.—TABULATION OF DEATHS IN CAPE MAY COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	2	1	1									1			1						
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	1		1									1									
6	Scarlet fever																					
7	Whooping cough	5	1	4	2	2	2		1		5											
8	Diphtheria and croup	1	1				1				1											
9	Influenza	46	24	22	3		2	1	1		4	2	5	18	10	4	2	1				
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1	1																			
13	Tuberculosis of the lungs	19	9	10	5	1					1											
14	Tuberculous meningitis												4	1	4	4	3	1	1	1		
15	Other forms of tuberculosis	1	1																			
16	Cancer and other malignant tumors	20	11	9	2															1		
17	Simple meningitis	3		3												1	6	5	6	2		
18	Cerebral hæmorrhage and softening	39	17	22	1		2				2					1						
19	Organic diseases of the heart	39	20	19	3											2	5	16	10	5	1	
20	Acute bronchitis	3	1	2		1					1			1	4	1	5	10	11	6	1	
21	Chronic bronchitis	4	3	1							1					1				1		
22	Pneumonia	28	13	15	6	4			1		1							1	2			
23	Other diseases of the respiratory system (tuberculosis excepted)	9	3	6	2	4	3	1			5	1		5		1	4	4	3	5		
24	Diseases of the stomach (cancer excepted)	2	1	1							8	1										
25	Diarrhœa and enteritis (under 2 years)	7	6	1	1	6	1				1									1		
26	Appendicitis and typhlitis	1	1								7											
27	Hernia, intestinal obstruction	5	4	1		2										1						
28	Cirrhosis of the liver	3	1	2							2								2	1		
29	Acute nephritis and Bright's disease	38	23	15	3												1	1	1			
30	Noncancerous tumors and other diseases of the female genital organs															2	6	14	11	5		
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	1		1																		
33	Congenital debility and malformations	13	4	9	2	13					13			1								
34	Senility																					
36	Suicide	3	1	2											1							
35	Violent deaths (suicide excepted)	18	11	7	1				1		1	1	2	5	1	3	2		4			
37	Other diseases	27	14	13	1	2				2	4		1	1	2	1	4	5	4	4	1	
38	Unknown or ill-defined diseases	1		1										1								
	Total	340	172	168	32	35	12	2	5	2	56	5	15	33	21	23	38	59	51	36	3	

Estimated population, 25,184. Deaths excluding non-residents of State, 340. Rate per 1,000 population, 13.50.

TABLE 18.—TABULATION OF DEATHS IN CUMBERLAND COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	6	3	3	1							1	1	2		1			1			
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever	3	2	1			2				2			1								
7	Whooping cough	1		1								1										
8	Diphtheria and croup	8	4	4		5	2	1			8											
9	Influenza	8	5	3				4			4	2	1		1							
10	Asiatic cholera	15	10	5		1					1		1	1		1		3	2	5	1	
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	1		1			1				1											
14	Tuberculous meningitis	64	28	36	6								9	18	10	8	7	8	3	1		
15	Other forms of tuberculosis	4	2	2			1				1	2	1									
16	Cancer and other malignant tumors	3	3											3								
17	Simple meningitis	56	16	40	1										2	7	12	13	14	7	1	
18	Cerebral hæmorrhage and softening	7	4	3		1	2				3	2	2									
19	Organic diseases of the heart	65	32	33	4										1	5	6	15	19	15	4	
20	Acute bronchitis	103	59	44	6								1	2	3	7	11	16	33	27	3	
21	Chronic bronchitis	5		5		3	1				4							1				
22	Pneumonia	2	1	1														1	1			
23	Other diseases of the respiratory system (tuberculosis excepted)	73	39	34	3	10	2	3	2	1	18	1	3	2	4	6	13	3	14	9		
24	Diseases of the stomach (cancer excepted)	40	19	21	4	10	2	3			15	1	1	2		1	7	3	4	6		
25	Diarrhœa and enteritis (under 2 years)	17	6	11	2	5	2		1		8					1	2	4	2			
26	Appendicitis and typhlitis	21	7	14	2	17	4				21											
27	Hernia, intestinal obstruction	8	5	3						1	1		3		1	2				1		
28	Cirrhosis of the liver	9	5	4											2	1	1	2	2		1	
29	Acute nephritis and Bright's disease	3	2	1													1	1				
30	Noncancerous tumors and other diseases of the female genital organs	65	25	40	2								2		4	6	8	11	24	10		
31	Puerperal septicæmia (puerperal fever, peritonitis)	2		2											1	1						
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	9		9																		
34	Senility	45	23	22	4	42	2		1		45			4	4	1						
36	Suicide	7	3	4	1																	
35	Violent deaths (suicide excepted)	4	4															1	2	4		
37	Other diseases	53	38	15	3	4	1	1		2	8	3	4	4	8	6	7	5	3	5		
38	Unknown or ill-defined diseases	147	81	66	5	10	1	2			13	1	4	11	10	7	14	28	35	17	7	
		1	1			1					1											
	Total	855	427	428	44	109	23	14	4	4	154	14	33	50	52	62	89	117	159	108	17	

Estimated population, 58,044. Deaths excluding non-residents of State, 855. Rate per 1,000 population, 14.73.

TABLE 18A.—TABULATION OF DEATHS IN CUMBERLAND COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	11	9	2	2					1	1	1		4	4		1					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever	8	7	1	1	3	3		2		8											
7	Whooping cough	2	1	1									2									
8	Diphtheria and croup	17	7	10	3	6	5	1		4	16	1										
9	Influenza	6	3	3						1	1	4	1									
10	Asiatic cholera	288	159	129	14	14	12	3	2		31	10	42	92	71	20	11	5	5	1		
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	4	3	1		1					1											
14	Tuberculous meningitis	80	32	48	12	1					1		7	24	13	14	10	9	1	1		
15	Other forms of tuberculosis	2	1	1						2	2											
16	Cancer and other malignant tumors	3	2	1									1									
17	Simple meningitis	60	23	37	5							1		2	2	7	12	23	7	5	1	
18	Cerebral hæmorrhage and softening	3	1	2		2					2				1							
19	Organic diseases of the heart	91	51	40	5								1	2	2	2	14	21	28	21		
20	Acute bronchitis	164	85	79	10	1	2				3		1	8	9	15	22	32	46	23	5	
21	Chronic bronchitis	4	1	3		3					3											
22	Pneumonia																			1		
23	Other diseases of the respiratory system (tuberculosis excepted)	128	72	56	8	9	5	4	1	1	20	2	15	28	14	15	6	12	11	4	1	
24	Diseases of the stomach (cancer excepted)	92	45	47	14	16	4	4	2	1	27	3	4	16	10	2	2	9	13	6		
25	Diarrhœa and enteritis (under 2 years)	10	4	6		1	1				2			1		1	2	3		1		
26	Appendicitis and typhlitis	22	12	10	4	22					22											
27	Hernia, intestinal obstruction	5	4	1					1		1		2	1			1					
28	Cirrhosis of the liver	4	2	2		1					1											
29	Acute nephritis and Bright's disease	5	4	1													1	2				
30	Noncancerous tumors and other diseases of the female genital organs	85	45	40	3			1	1		2	2	5	3	3	5	9	18	23	13	2	
31	Puerperal septicæmia (puerperal fever, peritonitis)	4		4										1	1			1	1			
32	Other puerperal accidents of pregnancy and labor	2		2	1								1	1								
33	Congenital debility and malformations	5		5									1	2	1	1						
34	Senility	39	27	12	4	38	1				39											
36	Suicide	8	4	4	1																	
35	Violent deaths (suicide excepted)	9	7	2										2	2	2	1	2				
37	Other diseases	53	38	15	5	1					1	5	9	6	4	8	4	6	4	5	1	
38	Unknown or ill-defined diseases	160	76	84	7	8	2	3	1		14	3	5	6	5	13	29	24	37	18	6	
		1		1													1					
	Total	1375	725	650	99	127	35	16	10	10	198	32	97	199	143	106	127	171	180	106	16	

Estimated population, 58,444. Deaths excluding non-residents of State, 1,375. Rate per 1,000 population, 23.53.

TABLE 19.—TABULATION OF DEATHS IN ESSEX COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	23	14	9	1	....	....	....	....	....	....	1	5	6	2	5	4	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Measles	16	11	5	1	1	4	5	2	....	12	4	....	....	....	....	....	....	....	....	....	....
6	Scarlet fever	9	6	3	1	1	3	3	1	1	9	....	....	....	....	....	....	....	....	....	....	....
7	Whooping cough	83	42	41	11	43	29	5	2	4	83	....	....	....	....	....	....	....	....	....	....	....
8	Diphtheria and croup	83	42	41	2	6	17	21	6	6	56	22	5	....	....	....	....	....	....	....	....	....
9	Influenza	65	24	41	1	10	3	3	1	1	18	2	3	2	2	6	8	8	10	5	1	....
10	Asiatic cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11	Cholera nostras	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Other epidemic diseases	30	17	13	4	10	4	....	1	....	15	2	1	1	1	....	2	2	3	3	....	....
13	Tuberculosis of the lungs	1028	682	346	109	6	7	2	3	1	19	2	74	268	259	204	137	44	18	2	1	....
14	Tuberculous meningitis	56	33	23	3	19	8	8	2	4	41	4	7	3	1	....	....	....	....	....	....	....
15	Other forms of tuberculosis	56	25	31	12	3	2	2	1	2	10	9	10	10	4	8	3	2	....	....	....	....
16	Cancer and other malignant tumors	544	191	353	10	1	....	2	....	....	3	2	2	9	37	76	140	167	84	24	....	....
17	Simple meningitis	70	37	33	9	14	8	5	3	3	33	9	8	8	5	6	....	1	....	....	....	....
18	Cerebral hæmorrhage and softening	507	240	267	22	5	....	....	....	....	5	....	1	8	12	42	76	152	136	66	9	....
19	Organic diseases of the heart	1070	540	530	71	6	2	....	....	1	9	13	29	38	62	118	188	231	244	133	16	....
20	Acute bronchitis	108	55	53	14	71	11	1	2	1	86	2	....	....	1	....	....	4	5	8	2	....
21	Chronic bronchitis	33	17	16	2	3	3	....	1	....	7	....	....	....	2	1	5	5	6	5	2	....
22	Pneumonia	732	453	279	149	61	29	15	9	7	121	13	25	65	101	103	116	102	61	22	3	....
23	Other diseases of the respiratory system (tuberculosis excepted)	385	196	189	45	119	63	14	7	9	212	8	9	8	8	17	26	28	27	38	4	....
24	Diseases of the stomach (cancer excepted),	58	37	21	3	9	1	....	....	1	11	1	....	8	7	13	6	5	5	2	....	....
25	Diarrhœa and enteritis (under 2 years)....	403	244	159	42	327	76	....	....	....	403	....	....	....	....	....	....	....	....	....	....	....
26	Appendicitis and typhlitis	62	40	22	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
27	Hernia, intestinal obstruction	43	24	19	....	9	2	....	....	1	1	4	8	11	13	12	9	2	2	....	....	....
28	Cirrhosis of the liver	90	61	29	3	....	....	....	....	....	11	....	....	2	1	4	6	8	7	4	....	....
29	Acute nephritis and Bright's disease	943	528	415	70	7	5	3	....	1	16	1	12	33	70	125	177	223	219	61	6	....
30	Noncancerous tumors and other diseases of the female genital organs	37	....	37	6	1	1	....	....	....	2	....	....	8	12	9	2	2	2	....	....	....
31	Puerperal septicæmia (puerperal fever peritonitis)	20	....	20	3	....	....	....	....	....	....	....	1	12	6	1	....	....	....	....	....	....
32	Other puerperal accidents of pregnancy and labor	47	....	47	....	....	....	....	....	....	....	....	2	21	....	3	....	....	....	....	....	....
33	Congenital debility and malformations....	461	266	195	27	457	1	....	3	....	461	....	....	....	....	....	....	....	....	....	....	....
34	Senility	35	13	22	....	....	....	....	....	....	....	....	....	....	....	....	....	3	12	15	5	....
36	Suicide	87	61	26	1	....	....	....	....	....	....	....	1	11	23	15	20	11	5	1	....	....
35	Violent deaths (suicide excepted)	501	359	142	30	15	15	12	13	10	65	39	51	58	64	83	50	42	29	15	5	....
37	Other diseases	1206	639	567	96	193	22	17	16	16	264	50	52	63	98	140	158	162	137	72	10	....
38	Unknown or ill-defined diseases	2	1	1	....	2	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....
	Total	8893	4898	3995	750	1399	316	118	74	68	1975	188	306	654	823	1012	1161	1223	1020	467	64	....

Estimated population, 625,178. Deaths excluding non-residents of State, 8,893. Rate per 1,000 population, 14.22.

TABLE 19A.—TABULATION OF DEATHS IN ESSEX COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	19	9	10	....	....	....	....	1	....	1	1	4	3	5	3	1	....	....	1	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Measles	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6	Scarlet fever	147	67	80	13	38	55	31	10	6	140	4	1	2	....	....	....	....	....	....	....	....
7	Whooping cough	20	9	11	1	....	2	....	3	4	9	5	3	2	1	....	....	....	....	....	....	....
8	Diphtheria and croup	91	37	54	25	37	28	18	2	5	90	1	....	....	....	....	....	....	....	....	....	....
9	Influenza	110	62	48	4	8	28	12	11	15	74	30	4	....	2	....	....	....	....	....	....	....
10	Asiatic cholera	1890	991	899	88	57	66	49	36	22	230	66	157	597	519	148	87	58	20	7	1	....
11	Cholera nostras	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Other epidemic diseases	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13	Tuberculosis of the lungs	31	15	16	1	15	....	2	....	....	17	....	....	1	1	3	4	5	....	....	....	....
14	Tuberculous meningitis	996	648	348	95	2	3	2	2	1	10	4	96	241	235	204	128	57	15	6	....	....
15	Other forms of tuberculosis	77	44	33	8	16	7	11	10	6	50	11	6	4	1	3	2	....	....	....	....	....
16	Cancer and other malignant tumors	48	31	17	8	8	3	2	1	1	15	3	7	5	4	6	3	4	1	....	....	....
17	Simple meningitis	512	203	309	13	....	2	....	....	....	2	2	4	13	37	77	148	124	80	23	2	....
18	Cerebral hæmorrhage and softening	78	48	30	10	19	19	4	2	3	47	8	4	6	6	4	2	1	....	....	....	....
19	Organic diseases of the heart	541	239	302	33	5	....	....	1	....	6	1	....	4	11	51	103	152	143	62	8	....
20	Acute bronchitis	1182	604	578	85	5	2	1	3	3	14	9	31	54	91	133	195	258	256	127	14	....
21	Chronic bronchitis	162	73	89	17	87	34	8	1	4	134	3	1	....	1	2	4	5	7	4	1	....
22	Pneumonia	34	13	21	....	2	1	1	....	....	4	....	....	2	....	....	2	7	13	4	2	....
23	Other diseases of the respiratory system (tuberculosis excepted)	1414	777	637	159	87	80	39	12	13	231	23	96	329	304	157	120	90	38	24	2	....
24	Diseases of the stomach (cancer excepted),	706	351	355	75	150	139	42	28	17	376	17	22	83	64	26	24	41	31	18	4	....
25	Diarrhœa and enteritis (under 2 years)....	57	24	33	5	21	2	1	....	....	24	....	1	6	6	4	5	3	3	5	....	....
26	Appendicitis and typhlitis	402	223	179	24	347	55	....	....	....	402	....	....	....	....	....	....	....	....	....	....	....
27	Hernia, intestinal obstruction	74	44	30	5	....	1	....	3	3	7	9	16	16	7	12	4	2	1	....	....	....
28	Cirrhosis of the liver	59	35	24	4	6	2	....	....	4	12	....	1	1	7	5	15	7	8	3	....	....
29	Acute nephritis and Bright's disease	77	62	15	4	....	....	....	....	....	....	1	1	....	10	19	18	19	7	2	....	....
30	Noncancerous tumors and other diseases of the female genital organs	766	401	365	56	6	4	1	2	3	16	4	10	25	51	93	165	160	163	73	6	....
31	Puerperal septicæmia (puerperal fever, peritonitis)	25	....	25	5	....	....	....	....	....	....	....	1	6	8	7	3	....	....	....	....	....
32	Other puerperal accidents of pregnancy and labor	18	....	18	2	....	....	....	....	....	....	....	1	7	9	1	....	....	....	....	....	....
33	Congenital debility and malformations....	68	....	68	7	....	....	....	....	....	....	....	4	25	36	3	....	....	....	....	....	....
34	Senility	485	254	231	37	475	7	1	1	....	484	....	1	....	....	....	....	....	....	....	....	....
36	Suicide	37	9	28	....	....	....	....	....	....	....	....	....	....	....	....	1	2	11	16	7	....
35	Violent deaths (suicide excepted)	73	46	27	1	....	....	....	....	....	....	....	3	13	11	24	11	5	5	1	....	....
37	Other diseases	537	379	158	40	23	13	14	9	12	71	38	47	55	89	74	69	40	33	17	4	....
38	Unknown or ill-defined diseases	1100	581	519	90	178	20	37	16	8	259	26	53	71	104	100	130	153	119	74	11	....
	Total	11839	6280	5559	915	1594	573	276	154	130	2727	267	575	1570	1620	1157	1243	1192	959	467	62	....

Estimated population, 640,755. Deaths excluding non-residents of State, 11,839. Rate per 1,000 population, 18.48.

TABLE 20.—TABULATION OF DEATHS IN GLOUCESTER COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	3	2	1									1				1		1			
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	1		1								1										
6	Scarlet fever	1	1					1			1											
7	Whooping cough	10	5	5	8	1	6	3			10											
8	Diphtheria and croup	8	3	5			1		1	1	3	3	2									
9	Influenza	3	1	2															1	2		
10	Asiatic cholera																					
11	Cholera nostras	1	1														1					
12	Other epidemic diseases	6	5	1	1					1	1	1	1					1	1		1	
13	Tuberculosis of the lungs	40	26	14	7							1	7	10	8	5	5		4			
14	Tuberculous meningitis	2	2									1		1								
15	Other forms of tuberculosis	3		3		1					1				1			1				
16	Cancer and other malignant tumors	34	13	21	1											2	8	12	10	1	1	
17	Simple meningitis	1		1		1					1											
18	Cerebral hæmorrhage and softening	43	16	27	4											2	4	10	20	6	1	
19	Organic diseases of the heart	74	44	30	12	5	1				6	1		2	2	2	10	15	26	10		
20	Acute bronchitis	6	4	2		2		1			3									3		
21	Chronic bronchitis	4	2	2																3	1	
22	Pneumonia	49	28	21	6	5	2		1		8	2	2	2	2	3	7	8	11	4		
23	Other diseases of the respiratory system (tuberculosis excepted)	23	12	11	4	9	3	1			13	1		1				4	3	1		
24	Diseases of the stomach (cancer excepted),	12	7	5		1			1		2				1		3	1	2	3		
25	Diarrhœa and enteritis (under 2 years)	36	30	6	10	27	9				36											
26	Appendicitis and typhlitis	4	2	2	1								1		1		2					
27	Hernia, intestinal obstruction	2	1	1															2			
28	Cirrhosis of the liver	3	1	2		1					1									2		
29	Acute nephritis and Bright's disease	57	32	25	2									1	3	5	11	13	18	4	2	
30	Noncancerous tumors and other diseases of the female genital organs	3		3												2			1			
31	Puerperal septicæmia (puerperal fever, peritonitis)	2		2											1	1						
32	Other puerperal accidents of pregnancy and labor	5		5										1	4							
33	Congenital debility and malformations	28	12	16	5	28					28											
34	Senility	4		4															1	3		
36	Suicide	6	4	2										1		1	3		1			
35	Violent deaths (suicide excepted)	40	30	10	2	2	1				3	1	5	9	5	5	1	5	3	1	2	
37	Other diseases	79	44	35	8	11		2	2	1	16	1	4	4	4	7	11	8	12	11	1	
38	Unknown or ill-defined diseases																					
	Total	593	328	265	71	94	23	8	5	3	133	13	23	32	32	35	67	78	117	54	9	

Estimated population, 41,356. Deaths excluding non-residents of State, 593. Rate per 1,000 population, 14.33.

TABLE 20A.—TABULATION OF DEATHS IN GLOUCESTER COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	4	1	3	2								2	1	1							
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	5	2	3	1	1	2	1		1	5											
6	Scarlet fever	1		1					1		1											
7	Whooping cough	21	10	11		13	3	1	2		19	1							1			
8	Diphtheria and croup	8	5	3				1	2	2	5	2				1						
9	Influenza	223	126	97	26	10	9	5	6	1	31	7	22	78	40	19	13	7	2	4		
10	Asiatic cholera																					
11	Cholera nostras	1		1																1		
12	Other epidemic diseases	2	1	1	1		1				1								1			
13	Tuberculosis of the lungs	58	32	26	12	1						1	4	18	9	10	6	6	3			
14	Tuberculous meningitis	1		1										1								
15	Other forms of tuberculosis	2	2													1		1				
16	Cancer and other malignant tumors	47	18	29	1										1	3	10	19	13	1		
17	Simple meningitis	6	3	3		1	1	1			3		1		1		1					
18	Cerebral hæmorrhage and softening	72	36	36	3										3	2	11	19	25	11	1	
19	Organic diseases of the heart	65	25	40	3	4					4	2	1	2	4	5	8	10	18	11		
20	Acute bronchitis	3	3			2	1				3											
21	Chronic bronchitis	3	2	1															1	1		
22	Pneumonia	111	60	51	15	8	3	5	1		17	3	8	30	20	7	9	7	7	2	1	
23	Other diseases of the respiratory system (tuberculosis excepted)	37	22	15	9	20	6	1			27		2	2	1		2		2		1	
24	Diseases of the stomach (cancer excepted),	13	8	5	1	3					3					1	1	2	5	1		
25	Diarrhœa and enteritis (under 2 years)	35	15	20	7	29	6				35											
26	Appendicitis and typhlitis	1		1					1		1											
27	Hernia, intestinal obstruction	2	2										1			1						
28	Cirrhosis of the liver	5	3	2														3	2			
29	Acute nephritis and Bright's disease	70	39	31	3								3		1	4	13	19	18	11	1	
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)	2		2										1	1							
32	Other puerperal accidents of pregnancy and labor	2		2										2								
33	Congenital debility and malformations	39	24	15	3	39					39											
34	Senility	4	2	2													1		1		2	
36	Suicide	5	3	2										2	2		1					
35	Violent deaths (suicide excepted)	57	38	19	1	2	2	1		1	6	4	9	8	4	5	8	6	5	1	1	
37	Other diseases	87	44	43	7	10	2	3	1		16	3	4	3	2	10	9	11	16	11	2	
38	Unknown or ill-defined diseases	1		1		1					1											
	Total	993	526	467	95	144	36	19	14	5	218	23	57	148	90	69	93	111	120	55	9	

Estimated population, 41,908. Deaths excluding non-residents of State, 993. Rate per 1,000 population, 23.69.

TABLE 21.—TABULATION OF DEATHS IN HUDSON COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	23	12	11	1							2	7	5	4	4	1					
2	Typhus fever																					
3	Malaria	1	1																			
4	Smallpox														1							
5	Measles	42	29	13	2	15	16	7	2		40		1	1								
6	Scarlet fever	15	7	8		2	2	3	1	1	9	4	1	1								
7	Whooping cough	55	26	29		24	17	10	3		54	1										
8	Diphtheria and croup	102	51	51		7	16	13	17	11	64	31	4		1		2					
9	Influenza	69	34	35		3	1		1		5	3	1	3	6	7	12	9	13	9	1	
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	2	1	1													1					
13	Tuberculosis of the lungs	35	23	12	1	17	2				19	2		3	1	4	2	1	2	1		
14	Tuberculous meningitis	1055	684	371	30	4	2				6	1	84	275	262	261	121	35	9	1		
15	Other forms of tuberculosis	59	36	23		14	13	6	5	3	41	9	5	2	1	1						
16	Cancer and other malignant tumors	49	34	15	1	4	3			3	10	3	5	10	8	8	4		1			
17	Simple meningitis	443	206	237	6			2			2	1		8	24	84	122	121	70	11		
18	Cerebral hæmorrhage and softening	88	53	35	2	2																
19	Organic diseases of the heart	447	229	218	17	23	13	12	5	3	56	9	9	6	2	1	4	1				
20	Acute bronchitis	1055	554	501	27	3	2				3			2	16	44	94	113	130	41	4	
21	Chronic bronchitis	100	55	45		5	12	2		1	8	12	38	57	75	141	209	231	193	83	8	
22	Pneumonia	40	18	22		56	12	2			70	1	1	3	1	1	2	6	8	6	1	
23	Other diseases of the respiratory system (tuberculosis excepted)	802	496	306	46	2					2		1			2		12	10	10	3	
24	Diseases of the stomach (cancer excepted),	460	274	186	8	102	56	16	14	4	192	13	18	46	87	130	118	104	79	13	2	
25	Diarrhœa and enteritis (under 2 years)	63	43	20		182	84	22	11	5	304	12	5	9	21	21	21	17	33	17		
26	Appendicitis and typhlitis	513	237	276	4	13	1	1		1	16	1	1	2	7	13	9	4	8	2		
27	Hernia, intestinal obstruction	67	34	33	1	426	87				513											
28	Cirrhosis of the liver	59	22	37			1			2	3	5	13	15	13	10	3	3	2			
29	Acute nephritis and Bright's disease	120	86	34	4	8	1	1			10		1	2	4	8	12	9	11	2		
30	Noncancerous tumors and other diseases of the female genital organs	888	492	396	15	7	2	1	3		13	7	19	1	9	39	40	21	8	2		
31	Puerperal septicæmia (puerperal fever, peritonitis)	27		27								1		43	90	154	187	209	115	45	6	
32	Other puerperal accidents of pregnancy and labor	37		37	2									5	10	6	2	1	1	1		
33	Congenital debility and malformations	63		63									1	19	16	1						
34	Senility	479	273	206	5	467	7	1		2	477		3	26	27	7						
35	Suicide	36	10	26									2									
36	Violent deaths (suicide excepted)	91	73	18													1	4	14	13	4	
37	Other diseases	633	484	149	19	15	10	12	18	16	71	42	50	104	96	101	81	49	29	9	1	
38	Unknown or ill-defined diseases	1187	635	552	3	189	17	18	19	7	250	23	72	52	108	159	189	158	118	51	7	
	Total	11	2	9		1	7	1	1		10				1							
		9216	5214	4002	194	1589	372	128	100	59	2248	183	344	714	913	1229	1253	1118	859	318	37	

Estimated population, 647,588. Deaths excluding non-residents of State, 9,216. Rate per 1,000 population, 14.23.

TABLE 21A.—TABULATION OF DEATHS IN HUDSON COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	20	10	10	1							2	5	7	3	1	1	1				
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	121	58	63	1	31	45	25	9	5	115	6										
6	Scarlet fever	13	6	7			2	2	4	2	10	1	1	1								
7	Whooping cough	101	37	64	2	38	35	16	5	3	97	4										
8	Diphtheria and croup	127	64	63	1	7	22	27	25	13	94	26	4	2		1						
9	Influenza	1842	912	930	18	96	110	61	27	29	323	85	158	568	411	136	87	43	26	4	1	
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	29	12	17		14				1	15			2	3	4	2	2		1		
13	Tuberculosis of the lungs	1049	672	377	28	3	1	2	2		8	3	102	283	264	230	109	37	11	2		
14	Tuberculous meningitis	53	34	19		7	8	9	4	3	31	4	4	3	6	1	2	1	1			
15	Other forms of tuberculosis	43	25	18	2	3	1	2	2		8	4	5	9	9	5	2	1				
16	Cancer and other malignant tumors	493	237	256	8			1	2		3	1	1	7	43	85	148	119	72	14		
17	Simple meningitis	84	46	38	4	22	11	5	4	2	44	10	10	5	5	4	3	1	2			
18	Cerebral hæmorrhage and softening	479	215	264	5	8					8	1	2	3	20	40	94	125	126	52	8	
19	Organic diseases of the heart	1106	563	543	28	12	1	2	1		16	19	39	63	94	144	209	236	183	89	14	
20	Acute bronchitis	124	65	59	1	71	19			2	92			2	1	1	2	8	9	8	1	
21	Chronic bronchitis	30	20	10		4	1			1	6			1	1	1	4	6	6	5		
22	Pneumonia	1899	1097	802	93	122	112	38	28	17	317	56	114	502	379	203	153	88	62	22	3	
23	Other diseases of the respiratory system (tuberculosis excepted)	823	454	369	12	209	111	56	24	23	423	30	32	88	97	37	35	34	34	13		
24	Diseases of the stomach (cancer excepted),	49	25	24		6	3	1			10	1		2	4	10	7	7	4	4		
25	Diarrhœa and enteritis (under 2 years)	480	270	210	8	396	84				480											
26	Appendicitis and typhlitis	84	48	36	4				1	1	2	8	25	19	13	9	3	3	2			
27	Hernia, intestinal obstruction	53	27	26	1	7	1				8	2		2	4	8	6	10	10	3		
28	Cirrhosis of the liver	86	58	28	2								1	3	13	16	27	21	4	1		
29	Acute nephritis and Bright's disease	737	399	338	17	6	1	2	2	1	12	5	16	34	75	104	165	163	121	39	3	
30	Noncancerous tumors and other diseases of the female genital organs	27		27										7	5	11	3	1				
31	Puerperal septicæmia (puerperal fever, peritonitis)	21		21										15	4	2						
32	Other puerperal accidents of pregnancy and labor	64		64	1								1	29	28	6						
33	Congenital debility and malformations	486	274	212	9	477	4	2		1	484	2										
34	Senility	28	7	21									2	8	7	10	9	11	4			
36	Suicide	51	27	24													2	13	9	4		
35	Violent deaths (suicide excepted)	575	426	149	17	18	16	12	10	16	72	56	61	80	85	83	52	45	24	15	2	
37	Other diseases	1013	533	480	15	166	13	27	21	13	240	41	39	62	82	118	136	133	97	57	8	
38	Unknown or ill-defined diseases	6	3	3		2					2					1		1	2			
	Total	12,196	6624	5572	288	1725	601	290	171	133	2920	367	622	1807	1656	1271	1259	1099	813	338	44	

Estimated population, 662,898. Deaths excluding non-residents of State, 12,196. Rate per 1,000 population, 18.39.

TABLE 22.—TABULATION OF DEATHS IN HUNTERDON COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	3	2	1									1		1							
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup	1	1				1				1											
9	Influenza	6	2	4		1					1	1					1	1	2			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	2	2											1	1							
13	Tuberculosis of the lungs	30	16	14	2	1					1			12	8	5	1	1	1	1		
14	Tuberculous meningitis	2	2			1					1		1									
15	Other forms of tuberculosis	5	4	1									1	1	1	1			1			
16	Cancer and other malignant tumors	43	14	29											2	4	7	14	14	2		
17	Simple meningitis	1	1			1					1											
18	Cerebral hæmorrhage and softening	64	26	38	1											1	5	12	20	22	4	
19	Organic diseases of the heart	66	41	25	1										1	5	3	14	29	11	3	
20	Acute bronchitis	8	3	5		2	2				4								3	1		
21	Chronic bronchitis	2	1	1														1		1		
22	Pneumonia	45	31	14	1			1			1		1	4	7	5	6	11	8	2		
23	Other diseases of the respiratory system (tuberculosis excepted)	17	6	11		3	3	1			7	3			2	1		2		1	1	
24	Diseases of the stomach (cancer excepted)	5	2	3		2					2				1			1	1			
25	Diarrhœa and enteritis (under 2 years)	12	3	9	1	9	3				12											
26	Appendicitis and typhlitis	2	1	1									1			1						
27	Hernia, intestinal obstruction	3	1	2		1					1				1		1					
28	Cirrhosis of the liver	2	1	1														2				
29	Acute nephritis and Bright's disease	64	35	29	1									1	5	3	5	16	21	11	2	
30	Noncancerous tumors and other diseases of the female genital organs	3		3											1	2						
31	Puerperal septicæmia (puerperal fever, peritonitis)	2		2											2							
32	Other puerperal accidents of pregnancy and labor	2		2									1		1							
33	Congenital debility and malformations	13	7	6		13					13											
34	Senility	7	3	4															5	2		
36	Suicide	5	5													2	1	2				
35	Violent deaths (suicide excepted)	28	18	10	2	1					1	1		7	3	4	4	2	3	3		
37	Other diseases	94	58	36	1	6	1			3	10	1		1	3	6	13	15	28	16	1	
38	Unknown or ill-defined diseases	2	1	1													1	1				
	Total	539	287	252	10	41	10	2	1	3	57	6	6	27	40	40	48	95	136	73	11	

Estimated population, 32,884. Deaths excluding non-residents of State, 539. Rate per 1,000 population, 16.39.

TABLE 22A.—TABULATION OF DEATHS IN HUNTERDON COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	2	1	1											2							
2	Typhus fever																					
3	Malaria	1		1													1					
4	Smallpox																					
5	Measles	1		1		1					1											
6	Scarlet fever																					
7	Whooping cough	8		8		4	2		1		7	1				2						
8	Diphtheria and croup	2	1	1																		
9	Influenza	103	51	52		5	1	2	1	2	11	4	11	29	29	9	6	3	1			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	2	1	1									1							1		
13	Tuberculosis of the lungs	35	22	13	1				1		1		3	8	7	6	4	5	1			
14	Tuberculous meningitis	1		1					1		1											
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	30	8	22	1									1	2	4	3	8	8	4		
17	Simple meningitis	1		1			1				1											
18	Cerebral hæmorrhage and softening	61	26	35	1	1					1					1	7	18	21	11	2	
19	Organic diseases of the heart	86	35	51		1					1				5	6	13	12	30	15	4	
20	Acute bronchitis	4	2	2	1	1	2				3									1		
21	Chronic bronchitis	2		2														1		1		
22	Pneumonia	55	24	31	3	5					5		3	11	9	3	7	6	8	2	1	
23	Other diseases of the respiratory system (tuberculosis excepted)	39	24	15		3	1	2	1	1	8		2	11	6	4	2	1	3	2		
24	Diseases of the stomach (cancer excepted)	7	7													1	3	1	2			
25	Diarrhœa and enteritis (under 2 years)	8	1	7	2	6	2				8											
26	Appendicitis and typhlitis	1	1											1								
27	Hernia, intestinal obstruction	4	1	3		1					1							2	1			
28	Cirrhosis of the liver	2	2														1		1			
29	Acute nephritis and Bright's disease	53	26	27						1	1	1	1	2	6	1	8	12	13	7	1	
30	Noncancerous tumors and other diseases of the female genital organs	3		3											2	1						
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1										1								
32	Other puerperal accidents of pregnancy and labor	2		2										1	1							
33	Congenital debility and malformations	16	10	6		14	1				15		1							4		
34	Senility	4	1	3																		
36	Suicide	7	6	1										1		2	3	1				
35	Violent deaths (suicide excepted)	33	28	5					1		1	1	4	3	5	3	3	5	5	3		
37	Other diseases	57	25	32		8	1	2	1		12	1	2	3	1	6	5	9	10	7	1	
38	Unknown or ill-defined diseases																					
	Total	631	303	328	9	50	11	6	7	4	78	8	28	72	75	50	65	84	104	58	9	

Estimated population, 32,789. Deaths excluding non-residents of State, 631. Rate per 1,000 population, 19.24.

TABLE 23.—TABULATION OF DEATHS IN MERCER COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	9	7	2	....	....	....	....	....	....	....	1	1	4	1	2	....	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Measles	3	2	1	....	2	1	....	....	....	3	....	....	....	....	....	....	....	....	....	....	....
6	Scarlet fever	1	1	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....
7	Whooping cough	10	4	6	1	6	4	....	....	....	10	....	....	....	....	....	....	....	....	....	....	....
8	Diphtheria and croup	34	17	17	....	3	9	5	3	5	25	7	1	1	....	....	....	....	....	....	....	....
9	Influenza	15	7	8	....	1	1	....	....	2	4	1	....	....	1	2	1	....	3	1	2	....
10	Asiatic cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11	Cholera nostras	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Other epidemic diseases	6	4	2	3	....	....	....	....	1	1	....	....	....	....	....	....	1	....	....	....	....
13	Tuberculosis of the lungs	257	166	91	26	2	....	....	....	....	2	1	14	66	56	48	45	20	5	....	....	....
14	Tuberculous meningitis	15	10	5	....	2	2	4	2	1	11	2	1	....	....	....	1	....	....	....	....	....
15	Other forms of tuberculosis	11	6	5	3	2	1	....	....	....	3	....	....	1	2	2	....	1	1	1	....	....
16	Cancer and other malignant tumors	135	57	78	4	....	....	....	....	....	....	....	2	2	14	22	38	30	22	5	....	....
17	Simple meningitis	12	5	7	....	4	2	1	1	1	9	1	1	....	....	....	....	....	1	....	....	....
18	Cerebral hæmorrhage and softening	150	65	85	11	....	....	....	....	....	....	....	....	2	2	12	24	38	42	27	3	....
19	Organic diseases of the heart	195	100	95	5	4	....	....	....	....	4	2	6	10	9	19	35	47	45	18	....	....
20	Acute bronchitis	11	8	3	2	6	....	....	....	....	6	....	....	....	....	....	....	....	2	3	....	....
21	Chronic bronchitis	4	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....
22	Pneumonia	184	97	87	10	46	8	3	1	4	62	4	4	7	17	15	19	26	23	6	1	....
23	Other diseases of the respiratory system (tuberculosis excepted)	109	50	59	8	57	8	2	1	2	70	1	....	....	3	3	5	8	10	8	1	....
24	Diseases of the stomach (cancer excepted),	16	6	10	1	1	1	1	....	....	3	....	....	2	1	3	3	1	3	....	....	....
25	Diarrhœa and enteritis (under 2 years)	115	72	43	....	96	19	....	....	....	115	....	....	....	....	....	....	....	....	....	....	....
26	Appendicitis and typhlitis	13	9	4	....	....	....	....	....	....	....	1	7	2	1	1	....	1	....	....	....	....
27	Hernia, intestinal obstruction	9	7	2	1	2	2	1	....	....	5	....	....	....	....	....	1	1	1	....	....	....
28	Cirrhosis of the liver	26	18	8	....	....	....	....	....	....	....	....	....	2	5	2	9	5	3	....	....	....
29	Acute nephritis and Bright's disease	181	102	79	10	1	1	....	....	....	2	1	1	6	8	21	38	49	41	14	....	....
30	Noncancerous tumors and other diseases of the female genital organs	9	....	9	2	....	....	....	....	....	....	....	1	....	1	4	1	1	1	....	....	....
31	Puerperal septicæmia (puerperal fever, peritonitis)	11	....	11	....	....	....	....	....	....	....	....	1	7	2	1	....	....	....	....	....	....
32	Other puerperal accidents of pregnancy and labor	14	....	14	1	....	....	....	....	....	....	....	2	7	5	....	....	....	....	....	....	....
33	Congenital debility and malformations	171	95	76	5	169	....	....	....	1	170	....	....	1	....	....	....	....	....	....	....	....
34	Senility	10	4	6	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	7	1	....
35	Suicide	16	9	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
36	Violent deaths (suicide excepted)	131	102	29	3	3	2	4	6	4	19	7	11	21	17	17	17	11	7	4	....	....
37	Other diseases	319	166	153	12	58	5	4	3	2	72	8	9	15	27	25	40	48	45	25	5	....
38	Unknown or ill-defined diseases	4	2	2	....	....	1	....	....	....	1	....	....	....	....	....	....	1	....	....	2	....
	Total	2207	1200	1007	105	468	67	26	18	22	601	37	63	159	176	203	281	293	258	120	16	....

Estimated population, 147,769. Deaths excluding non-residents of State, 2,207. Rate per 1,000 population, 14.93.

TABLE 23A.—TABULATION OF DEATHS IN MERCER COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	7	6	1	....	....	....	1	....	....	1	....	....	5	1	....	....	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Malaria	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
4	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Measles	8	6	2	2	2	4	1	1	....	8	....	....	....	....	....	....	....	....	....	....	....
6	Scarlet fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	Whooping cough	33	18	15	9	13	11	4	3	....	31	1	....	....	....	....	....	1	....	....	....	....
8	Diphtheria and croup	38	21	17	1	....	5	9	6	4	24	9	3	....	2	....	....	....	....	....	....	....
9	Influenza	898	466	432	44	24	34	26	12	13	109	32	65	291	283	69	24	14	6	4	1	....
10	Asiatic cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11	Cholera nostras	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Other epidemic diseases	4	3	1	....	....	....	....	....	....	....	1	....	1	....	1	1	....	....	....	....	....
13	Tuberculosis of the lungs	255	161	94	28	8	2	3	....	....	13	3	16	74	58	46	28	15	2	....	....	....
14	Tuberculous meningitis	14	5	9	1	3	4	1	1	2	11	2	1	....	....	....	....	....	....	....	....	....
15	Other forms of tuberculosis	8	3	5	....	....	....	....	1	....	1	1	....	2	1	....	....	1	2	....	....	....
16	Cancer and other malignant tumors	125	36	89	3	....	....	....	1	....	1	....	1	1	9	19	35	34	21	4	....	....
17	Simple meningitis	16	10	6	....	11	1	1	1	....	14	2	....	....	....	....	....	....	....	....	....	....
18	Cerebral hæmorrhage and softening	164	82	82	11	2	....	....	....	....	2	....	1	1	4	9	30	50	46	17	4	....
19	Organic diseases of the heart	231	112	119	4	3	....	....	....	....	3	4	9	14	11	30	31	44	55	22	8	....
20	Acute bronchitis	13	9	4	1	6	3	....	....	....	9	....	....	....	....	....	....	2	2	....	....	....
21	Chronic bronchitis	5	2	3	....	....	....	....	....	....	....	....	....	....	....	....	....	2	3	....	....	....
22	Pneumonia	376	219	157	21	46	23	12	5	4	90	10	20	81	67	35	32	18	15	7	1	....
23	Other diseases of the respiratory system (tuberculosis excepted)	216	112	104	14	79	31	20	6	1	137	9	5	12	16	7	9	8	8	5	....	....
24	Diseases of the stomach (cancer excepted),	17	12	5	1	5	....	....	....	....	5	1	....	2	2	....	1	2	2	1	1	....
25	Diarrhœa and enteritis (under 2 years)	99	55	44	....	87	12	....	....	....	99	....	....	....	....	....	....	....	....	....	....	....
26	Appendicitis and typhlitis	6	5	1	....	....	....	....	....	....	....	1	3	....	1	1	....	....	....	....	....	....
27	Hernia, intestinal obstruction	17	8	9	....	2	....	1	....	....	3	....	....	....	2	3	1	6	2	....	....	....
28	Cirrhosis of the liver	12	9	3	....	....	....	....	....	....	....	....	....	....	....	3	4	5	....	....	....	....
29	Acute nephritis and Bright's disease	185	99	86	12	1	....	....	....	1	2	2	4	7	11	23	34	45	39	17	1	....
30	Noncancerous tumors and other diseases of the female genital organs	4	....	4	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1	....	....	....
31	Puerperal septicæmia (puerperal fever, peritonitis)	9	....	9	....	....	....	....	....	....	....	....	....	4	5	....	....	....	....	....	....	....
32	Other puerperal accidents of pregnancy and labor	26	....	26	1	....	....	....	....	....	....	....	1	14	10	1	....	....	....	....	....	....
33	Congenital debility and malformations	158	89	69	12	154	3	1	....	....	158	....	....	....	....	....	....	....	....	....	....	....
34	Senility	11	....	11	2	....	....	....	....	....	....	....	....	....	....	....	....	....	3	6	2	....
35	Suicide	15	11	4	3	....	....	....	....	....	....	....	....	3	5	1	4	2	....	....	....	....
36	Violent deaths (suicide excepted)	139	97	42	3	4	1	5	2	4	16	16	18	10	15	23	17	9	8	5	2	....
37	Other diseases	257	139	118	10	32	7	9	2	2	52	7	6	13	14	26	25	38	43	29	4	....
38	Unknown or ill-defined diseases	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Total	3367	1795	1572	183	482	141	94	41	31	789	101	153	536	518	297	277	297	258	117	24	....

Estimated population, 150,836. Deaths excluding non-residents of State, 3,367. Rate per 1,000 population, 22.32.

TABLE 24.—TABULATION OF DEATHS IN MIDDLESEX COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	13	9	4									5	3	2	2	1					
2	Typhus fever																					
3	Malaria	1	1																			
4	Smallpox																1					
5	Measles	6	4	2		3					3	2	1									
6	Scarlet fever	2	1	1			2				2											
7	Whooping cough	7	3	4	1	5		2			7											
8	Diphtheria and croup	31	18	13		1	5	4	7	2	19	10	1				1					
9	Influenza	15	9	6		2					2		2		3	1	2	2		2	1	
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	7	4	3		4					4						2		1			
13	Tuberculosis of the lungs	172	98	74	9	2	2	1		1	6	2	11	47	54	27	18	5	2			
14	Tuberculous meningitis	13	11	2		6	2	2	1		11			1	1							
15	Other forms of tuberculosis	15	7	8	1	2	1		1	1	5			4	1	1	2	2				
16	Cancer and other malignant tumors	91	38	53	1								1	1	5	19	26	24	11	3	1	
17	Simple meningitis	26	16	10		11	5	1	2	1	20	3	1		2							
18	Cerebral hæmorrhage and softening	100	51	49	3	1					1				2	10	16	28	36	7		
19	Organic diseases of the heart	204	105	99	5	3					3	5	9	13	18	17	30	45	46	13	5	
20	Acute bronchitis	26	13	13		18	2				20							1		5		
21	Chronic bronchitis	4	3	1		1					1					1			1	1		
22	Pneumonia	163	107	56	7	26	10	5	3	1	45	2	4	17	22	18	14	22	15	4		
23	Other diseases of the respiratory system (tuberculosis excepted)	124	61	63	2	47	18	3	1	3	72	2	1	4	2	4	3	13	12	11		
24	Diseases of the stomach (cancer excepted),	24	15	9		10	1				11			1	3	3	2	2	2			
25	Diarrhœa and enteritis (under 2 years)	267	146	121	1	223	44				267											
26	Appendicitis and typhlitis	7	3	4								1	1	1	3			1				
27	Hernia, intestinal obstruction	7	2	5		1					1	1				4		1				
28	Cirrhosis of the liver	8	6	2											1		3	1				
29	Acute nephritis and Bright's disease	143	66	77	6	1		1	1		3	5	6	4	9	23	33	30	23	6	1	
30	Noncancerous tumors and other diseases of the female genital organs	3		3											1	2						
31	Puerperal septicæmia (puerperal fever, peritonitis)	11		11									2	5	4							
32	Other puerperal accidents of pregnancy and labor	14		14									2	4	8							
33	Congenital debility and malformations	206	121	85	3	203	3				206											
34	Senility	12	7	5	1													2	4	6		
36	Suicide	16	11	5									1	4	5	1	1	1	2	1		
35	Violent deaths (suicide excepted)	235	188	47	4	7	6	5	4	3	25	10	19	43	38	41	29	15	11	3	1	
37	Other diseases	295	178	117	7	51	5	13	7	4	80	7	11	21	32	19	41	34	37	12	1	
38	Unknown or ill-defined diseases	16	6	10	1	10	2	2			14						1		1			
	Total	2284	1308	976	52	638	106	41	27	16	828	50	78	174	215	196	226	229	204	74	10	

Estimated population, 139,729. Deaths excluding non-residents of State, 2,284. Rate per 1,000 population, 16.34.

TABLE 24A.—TABULATION OF DEATHS IN MIDDLESEX COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	10	4	6								1	2	4	1	2						
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	56	32	24		18	20	8	3	4	53	3										
6	Scarlet fever	4	1	3			1				1	2			1							
7	Whooping cough	33	16	17	3	14	11	5	2	1	33											
8	Diphtheria and croup	24	17	7			6	5	1	1	13	9			2							
9	Influenza	895	527	368	15	46	34	24	20	13	137	35	71	275	242	83	26	11	12	2		1
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	9	4	5		2					2		1	1	1	1		1		1	2	
13	Tuberculosis of the lungs	244	140	104	13	2	1	1			4	1	22	71	69	41	23	10	2	1		
14	Tuberculous meningitis	14	5	9	1	3	2	4			9	2	2		1							
15	Other forms of tuberculosis	10	7	3	1				2		2		1	2	1	2	1	1				
16	Cancer and other malignant tumors	118	58	60	2	1		1			2			3	4	26	27	32	19	4	1	
17	Simple meningitis	19	11	8	1	3	4	2	2		11	2	1	4			1					
18	Cerebral hæmorrhage and softening	111	60	51	3									1	5	15	26	27	25	11	1	
19	Organic diseases of the heart	227	129	98	6	6			1		7	3	11	10	18	26	45	40	50	16	1	
20	Acute bronchitis	28	14	14	1	16	4	1			21						3	2	2			
21	Chronic bronchitis	5	2	3													2		1	1		
22	Pneumonia	433	252	181	10	68	30	7	5	14	124	11	16	99	74	42	28	22	13	2	2	
23	Other diseases of the respiratory system (tuberculosis excepted)	266	142	124	3	75	32	20	7	13	147	3	5	34	38	15	8	7	7	2		
24	Diseases of the stomach (cancer excepted),	17	9	8	1	5	1				6				2	3		1	2	3		
25	Diarrhœa and enteritis (under 2 years)	238	128	110	2	198	40				238											
26	Appendicitis and typhlitis	17	12	5	1							2	2	3	5	3	1	1				
27	Hernia, intestinal obstruction	12	6	6		2					2				1		1	3	4	1		
28	Cirrhosis of the liver	5	5													2	2	1				
29	Acute nephritis and Bright's disease	134	75	59	12	3					3	2	1	4	16	25	26	27	25	4	1	
30	Noncancerous tumors and other diseases of the female genital organs	4		4												4						
31	Puerperal septicæmia (puerperal fever, peritonitis)	9		9									2	5	1	1						
32	Other puerperal accidents of pregnancy and labor	16		16	1								1	7	8							
33	Congenital debility and malformations	189	110	79	3	181	7	1			189											
34	Senility	19	12	7														2	3	10	4	
36	Suicide	15	13	2	1									6	4	3	1		1			
35	Violent deaths (suicide excepted)	283	243	40	6	9	10	5	2	5	31	16	23	39	32	36	32	21	8	5		40
37	Other diseases	247	146	101	6	43	2	4	7	6	62	2	8	6	22	22	38	38	34	14	1	
38	Unknown or ill-defined diseases	20	12	8		16			1		17				1				2			
	Total	3731	2192	1539	92	711	205	88	53	57	1114	94	168	574	549	353	291	247	210	77	13	41

Estimated population, 143,239. Deaths excluding non-residents of State, 3,731. Rate per 1,000 population, 26.04.

TABLE 25.—TABULATION OF DEATHS IN MONMOUTH COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	14	10	4	2								3	3	2	1	3	1	1			
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever	3	1	2		1		1			2		1									
7	Whooping cough	4	2	2																		
8	Diphtheria and croup	8	2	6		3	3		1		1	2		1								
9	Influenza	12	6	6			2	1	2		8											
10	Asiatic cholera	33	20	13	3	1				1	4	6	2									
11	Cholera nostras									1	2			3		1	2	3	12	7	3	
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	10	3	7		2	1	1	1		5		1			1						
14	Tuberculous meningitis	103	57	46	15							1	10	22	25	16	26	2	3			
15	Other forms of tuberculosis	3	3			1	1				2		1						1			
16	Cancer and other malignant tumors	5	3	2								1	1			2						
17	Simple meningitis	88	35	53	6									1	5	18	19	28	13	4	1	
18	Cerebral hæmorrhage and softening	167	82	85	9	2				1	3		1			1						
19	Organic diseases of the heart	205	102	103	27	4		1	1		6	2	4	4	4	10	29	51	65	25	5	
20	Acute bronchitis	12	9	3	1	8	1		1		10											
21	Chronic bronchitis	6	3	2	1							1							1	1		
22	Pneumonia	83	48	35	7	8	3	1			12	2	3	4	8	12	13	11	11	5	2	
23	Other diseases of the respiratory system (tuberculosis excepted)	76	43	33	11	18	7		3		28		1	1		2	9	9	15	8	3	
24	Diseases of the stomach (cancer excepted),	24	12	12	2	8	1				9			1	1	4	3	3	1	2		
25	Diarrhœa and enteritis (under 2 years)	45	24	21	10	37	8				45											
26	Appendicitis and typhlitis	8	5	3								2				1	2	1	1			
27	Hernia, intestinal obstruction	10	3	7	1	1		1			2	1					1	3	3			
28	Cirrhosis of the liver	17	11	6	2											1	2	3	4	5	2	
29	Acute nephritis and Bright's disease	191	105	86	33	3		1			4		1	4	12	18	32	44	53	19	4	
30	Noncancerous tumors and other diseases of the female genital organs	6		6											1	3		2				
31	Puerperal septicæmia (puerperal fever, peritonitis)	3		3										1	2							
32	Other puerperal accidents of pregnancy and labor	8		8																		
33	Congenital debility and malformations	80	53	27	2	78	2				80			3	4	1						
34	Senility	12	6	6	2																	
36	Suicide	16	15	1										3	3	2	3	1	4			
35	Violent deaths (suicide excepted)	85	58	27	6	1		1	1	2	5	5	4	13	11	15	9	13	6	4	2	
37	Other diseases	273	150	123	30	29	1	6		2	38	5	9	8	18	30	31	54	47	26	7	
38	Unknown or ill-defined diseases	2	1	1		1					1				1							
	Total	1617	875	742	171	206	30	14	10	7	267	28	42	73	102	150	208	271	304	141	31	

Estimated population, 103,988. Deaths excluding non-residents of State, 1,617. Rate per 1,000 population, 15.54.

TABLE 25A.—TABULATION OF DEATHS IN MONMOUTH COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	18	9	9	2		1				1	2	2	9	2		2					
2	Typhus fever												1									
3	Malaria	1		1																		
4	Smallpox																					
5	Measles	13	9	4	1	1	4	1	1	1	8	3	2									
6	Scarlet fever	2	2					1			1	1										
7	Whooping cough	29	13	16	4	8	8	3	4	2	25	4										
8	Diphtheria and croup	6	2	4								3	2	1								
9	Influenza	315	188	127	29	9	9	5	3		26	7	34	112	71	29	10	8	12	4	2	
10	Asiatic cholera																					
11	Cholera nostras	8	5	3		1				1	2				1	2	1		2			
12	Other epidemic diseases	103	56	47	21	2		1			3	1	8	26	20	24	9	8	3	1		
13	Tuberculosis of the lungs	3	3									1	1	1								
14	Tuberculous meningitis	10	6	4	3	1	1				2	1	2	4		1						
15	Other forms of tuberculosis	89	37	52	6										6	9	17	27	22	7	1	
16	Cancer and other malignant tumors	9	7	2	2						5		1	1	1	1						
17	Simple meningitis	155	85	70	5	1	3	1			5			1	1	12	15	39	55	27	5	
18	Cerebral hæmorrhage and softening	247	127	120	29																	
19	Organic diseases of the heart	15	13	2	1	1					1	3	10	8	25	22	35	42	67	32	2	
20	Acute bronchitis	7	6	1	3	9					9		1		1			1	1	2		
21	Chronic bronchitis	179	89	90	26										1	1	1	1	3		1	
22	Pneumonia					5	8	3	1	1	18	4	14	41	34	22	17	15	12	2		
23	Other diseases of the respiratory system (tuberculosis excepted)	88	48	40	12	15	9	4	5	1	34	7	5	9	11	8	4	3	3	3	1	
24	Diseases of the stomach (cancer excepted),	18	8	10	1	5					5			1	4	4		2		2		
25	Diarrhœa and enteritis (under 2 years)	35	15	20	7	28	7				35											
26	Appendicitis and typhlitis	11	5	6	2					1	1	3	3		3	1						
27	Hernia, intestinal obstruction	12	6	6						1	1				1	2	1	4	3			
28	Cirrhosis of the liver	10	7	3	2										2		3	4		1		
29	Acute nephritis and Bright's disease	188	103	85	39	2					2		6	7	2	20	31	46	49	20	5	
30	Noncancerous tumors and other diseases of the female genital organs	8		8	3								1	1	1	2	1	1		1		
31	Puerperal septicæmia (puerperal fever, peritonitis)	6		6	1								1	3	1	1						
32	Other puerperal accidents of pregnancy and labor	4		4										3	1							
33	Congenital debility and malformations	52	25	27	7	51	1				52								3	3	2	
34	Senility	8	4	4	1														2			1
36	Suicide	10	7	3										3	1		1	2	6	7	2	
35	Violent deaths (suicide excepted)	90	58	32	12	1			6	3	10	5	8	7	16	13	8	8	6	7	2	
37	Other diseases	231	122	109	24	22	3	1	2	2	30	10	14	15	18	26	19	42	34	20	3	
38	Unknown or ill-defined diseases	3	1	2	1	2					2		1									
	Total	1983	1066	917	244	164	54	20	22	13	273	55	117	253	224	200	175	252	277	132	24	1

Estimated population, 105,271. Deaths excluding non-residents of State, 1,983. Rate per 1,000 population, 18.83.

TABLE 26.—TABULATION OF DEATHS IN MORRIS COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	5	2	3								2	1	1				1				
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	2	1	1		2					2											
8	Diphtheria and croup	18	5	13		10	6	1			17	1										
9	Influenza	3	2	1			1		2		3											
10	Asiatic cholera	18	11	7	1	1					1	1		1	1	1	3	4	2	4		
11	Cholera nostras																					
12	Other epidemic diseases	5	4	1																		
13	Tuberculosis of the lungs	69	35	34	3			1			1	1				1	1		1			
14	Tuberculous meningitis	2		2		2	1				1		6	12	21	17	7	2	3			
15	Other forms of tuberculosis	5	5			1	1	1			2											
16	Cancer and other malignant tumors	78	26	52							3			1	1							
17	Simple meningitis	4		4		1	1		1		3		1	2	3	9	20	25	18			
18	Cerebral hæmorrhage and softening	88	43	45										2	2	8	11	18	36	11		
19	Organic diseases of the heart	153	81	72	3							1	1	5	9	11	21	31	49	20	5	
20	Acute bronchitis	10	6	4		7					7							1	1	1		
21	Chronic bronchitis	2	2																	2		
22	Pneumonia	106	63	43	6	8	2		1		11		3	9	8	19	13	18	17	8		
23	Other diseases of the respiratory system (tuberculosis excepted)	58	34	24	1	19	6	1	1		27			1		2	5	6	7	9	1	
24	Diseases of the stomach (cancer excepted)	10	6	4		1					1				1		3	2	1	2		
25	Diarrhœa and enteritis (under 2 years)	38	20	18	1	34	4				38											
26	Appendicitis and typhlitis	8	5	3	1								1	2	2	1	1	1				
27	Hernia, intestinal obstruction	11	8	3	1	2		1		1	4					1	3	2	1			
28	Cirrhosis of the liver	6	4	2													1	1	4			
29	Acute nephritis and Bright's disease	107	66	41	1								1	2	6	15	13	24	24	21	1	
30	Noncancerous tumors and other diseases of the female genital organs	1		1												1						
31	Puerperal septicæmia (puerperal fever, peritonitis)	5		5									1		4							
32	Other puerperal accidents of pregnancy and labor	12		12										4	8							
33	Congenital debility and malformations	63	32	31	1	62		1			63							1	4	8	1	
34	Senility	14	4	10																		
36	Suicide	1		1													1	1	4	8	1	
35	Violent deaths (suicide excepted)	100	74	26	4	3	1	2	4		10	9	4	18	20	14	11	6	6	2		
37	Other diseases	172	98	74	1	17	1	1	1	1	21	8	8	8	13	23	23	21	32	10	5	
38	Unknown or ill-defined diseases																					
	Total	1174	637	537	24	170	24	9	10	2	215	23	28	68	99	123	137	164	205	99	13	

Estimated population, 81,674. Deaths excluding non-residents of State, 1,174. Rate per 1,000 population, 14.37.

TABLE 26A.—TABULATION OF DEATHS IN MORRIS COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	4	3	1									1	1		1		1				
2	Typhus fever																					
3	Malaria	2	1	1													1	1				
4	Smallpox																					
5	Measles	6	5	1	1	4				1	5		1									
6	Scarlet fever	1		1			1				1											
7	Whooping cough	13	5	8		6	2	4			12	1										
8	Diphtheria and croup	4	3	1								3		1								
9	Influenza	473	280	193	7	19	15	13	6	4	57	15	34	152	118	56	16	11	13	1		
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	4	3	1		1					1								2	1		
13	Tuberculosis of the lungs	113	66	47	5	1	1				2		11	29	30	17	14	6	4			
14	Tuberculous meningitis	3	1	2			2				2		1									
15	Other forms of tuberculosis	4	3	1									1	1		2						
16	Cancer and other malignant tumors	87	37	50										1	4	6	20	35	15	6		
17	Simple meningitis	6	4	2		4					4	2										
18	Cerebral hæmorrhage and softening	103	42	61	4	1					1				2	2	13	27	35	22	1	
19	Organic diseases of the heart	152	74	78	7	1		1			2	1	1	5	9	13	21	26	49	23	2	
20	Acute bronchitis	16	5	11		7	2		1		10				1		2		2	1		
21	Chronic bronchitis	3	1	2															2	1		
22	Pneumonia	165	108	57	5	6	5	4	2		17	3	11	36	28	20	13	13	18	5	1	
23	Other diseases of the respiratory system (tuberculosis excepted)	81	45	36	2	17	7	5			29	2	6	12	8	4	4	5	6	4	1	
24	Diseases of the stomach (cancer excepted)	13	5	8		3					3					2	2		2	3	1	
25	Diarrhœa and enteritis (under 2 years)	45	20	25		29	16				45											
26	Appendicitis and typhlitis	5	4	1								1	1		1	1	1					
27	Hernia, intestinal obstruction	8	2	6												3		1	3		1	
28	Cirrhosis of the liver	6	5	1											1	1	1	1	2			
29	Acute nephritis and Bright's disease	71	34	37	2								1	4	7	2	14	18	17	7	1	
30	Noncancerous tumors and other diseases of the female genital organs	1		1										1								
31	Puerperal septicæmia (puerperal fever, peritonitis)	2		2											1	1						
32	Other puerperal accidents of pregnancy and labor	9		9	1								2	1	6							
33	Congenital debility and malformations	71	44	27	4	71					71											
34	Senility	19	6	13														2	5	6	6	
36	Suicide	7	7												1	3	1	1		1		
35	Violent deaths (suicide excepted)	85	65	20	2	1	3	4	1	2	11	2	8	10	16	13	7	10	6	2		
37	Other diseases	153	91	62	3	26	3	5	1	1	36		3	7	8	11	21	20	31	14	2	
38	Unknown or ill-defined diseases	1	1		1		1				1											
	Total	1736	970	766	44	197	58	36	11	8	310	30	82	261	241	158	151	178	212	97	16	

Estimated population, 82,640. Deaths excluding non-residents of State, 1,736. Rate per 1,000 population, 21.00.

TABLE 27.—TABULATION OF DEATHS IN OCEAN COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1		1										1								
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup	2	2			1					1					1						
9	Influenza	8	6	2											1	1		2	1	1	2	
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	2	2														1			1		
13	Tuberculosis of the lungs	16	11	5	1								1	1	5	1	3	2	2	1		
14	Tuberculous meningitis	1	1												1							
15	Other forms of tuberculosis	1	1															1				
16	Cancer and other malignant tumors	20	2	18	1										3	3	4	4	3	3		
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	28	14	14	2										1	1	4	6	8	7	1	
19	Organic diseases of the heart	53	30	23	1							1		1	1	4	2	13	20	11		
20	Acute bronchitis	3	1	2		1					1					1					1	
21	Chronic bronchitis	1		1																1		
22	Pneumonia	27	10	17		2	1		1		4						1	10	7	5		
23	Other diseases of the respiratory system (tuberculosis excepted)	23	13	10	1	4	1				5		1		1	1	4	6	2	2	1	
24	Diseases of the stomach (cancer excepted),	2	1	1		1					1								1			
25	Diarrhœa and enteritis (under 2 years)	6	2	3		2	4				6											
26	Appendicitis and typhlitis	1		1									1									
27	Hernia, intestinal obstruction	2	1	1													1				1	
28	Cirrhosis of the liver	2	1	1														1	1			
29	Acute nephritis and Bright's disease	33	8	25	1										2	3	1	7	12	8		
30	Noncancerous tumors and other diseases of the female genital organs	2		2											1				1			
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	12	8	4		12					12											
34	Senility	1	1																	1		
36	Suicide	1	1												1							
35	Violent deaths (suicide excepted)	19	16	3		1				1	2		2	3	2	1	2	5	2			
37	Other diseases	52	27	25		3		1			4	2	1		2	2	6	14	12	8	1	
38	Unknown or ill-defined diseases																					
	Total	319	160	159	7	27	6	1	1	1	36	3	6	6	21	19	29	71	72	49	7	

Estimated population, 22,465. Deaths excluding non-residents of State, 319. Rate per 1,000 population, 14.19.

TABLE 27A.—TABULATION OF DEATHS IN OCEAN COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	2		2		2					2											
6	Scarlet fever																					
7	Whooping cough	1		1				1			1											
8	Diphtheria and croup																					
9	Influenza	66	44	16	1	1	2	1			4	1	8	23	19	4		1				
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	2	1	1														1	1			
13	Tuberculosis of the lungs	20	12	8	1								3	5	5	3	3	1				
14	Tuberculous meningitis	2	1	1			1				1			1								
15	Other forms of tuberculosis	3	1	2									1			1	1					
16	Cancer and other malignant tumors	18	6	12												1	2	5	8	2		
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	32	12	20												1	4	9	10	8		
19	Organic diseases of the heart	38	27	11	1	1			1		2		1	1	2	3	4	7	13	5		
20	Acute bronchitis																					
21	Chronic bronchitis	3	2	1											1					2		
22	Pneumonia	28	17	11		6	1				7		1	11	2	1	2	1		2	1	
23	Other diseases of the respiratory system (tuberculosis excepted)	14	5	9	1				1		1		4	2	2		1	1	2	1		
24	Diseases of the stomach (cancer excepted),	3	3			2					2							1				
25	Diarrhœa and enteritis (under 2 years)	1	1			1					1											
26	Appendicitis and typhlitis	3	2	1					1		1					1		1				
27	Hernia, intestinal obstruction	5	3	2								1				1	1	2				
28	Cirrhosis of the liver	5	2	3											1		1	1	2			
29	Acute nephritis and Bright's disease	43	24	19	2								1		4	2	5	11	12	7	1	
30	Noncancerous tumors and other diseases of the female genital organs	1		1											1							
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1										1								
32	Other puerperal accidents of pregnancy and labor	1		1										1								
33	Congenital debility and malformations	9	4	5		9					9											
34	Senility	2	1	1																2		
36	Suicide	1	1														1					
35	Violent deaths (suicide excepted)	18	16	2			1	1			2		1	4	3	1	1	1	3	2		
37	Other diseases	55	25	30	1	1	1	1			5	1	5		1	5	8	3	18	10	1	
38	Unknown or ill-defined diseases																					
	Total	371	210	161	7	23	6	4	3		36	3	25	49	41	24	34	46	69	41	3	

Estimated population, 22,623. Deaths excluding non-residents of State, 371. Rate per 1,000 population, 16.40.

TABLE 28.—TABULATION OF DEATHS IN PASSAIC COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	22	15	7	1	....	....	1	....	....	1	....	5	7	3	3	1	2	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Measles	7	4	3	....	1	2	1	....	....	4	2	....	....	1	....	....	....	....	....	....	....
6	Scarlet fever	1	1	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....
7	Whooping cough	18	3	15	....	8	8	1	....	....	17	1	....	....	....	....	....	....	....	....	....	....
8	Diphtheria and croup	38	23	15	....	2	9	7	2	4	24	13	1	....	....	....	....	....	....	....	....	....
9	Influenza	21	10	11	....	5	1	1	....	....	7	2	....	....	1	3	1	2	2	2	1	....
10	Asiatic cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11	Cholera nostras	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Other epidemic diseases	9	5	4	....	2	....	....	....	....	2	....	....	1	....	1	1	2	1	1	....	....
13	Tuberculosis of the lungs	318	186	132	7	....	1	....	1	....	2	2	27	75	88	57	38	23	5	1	....	....
14	Tuberculous meningitis	20	6	14	1	5	4	3	1	2	15	....	2	1	1	1	....	....	....	....	....	....
15	Other forms of tuberculosis	21	16	5	....	1	1	2	....	....	4	4	2	5	3	2	....	....	1	....	....	....
16	Cancer and other malignant tumors	206	81	125	4	....	1	....	....	....	1	1	4	5	14	31	64	46	30	10	....	....
17	Simple meningitis	12	6	6	....	5	....	....	1	....	6	1	4	....	....	....	1	....	....	....	....	....
18	Cerebral hæmorrhage and softening	154	68	86	6	1	....	....	....	....	1	....	1	1	3	11	28	42	46	20	1	....
19	Organic diseases of the heart	425	216	209	8	4	1	....	....	1	6	6	10	19	34	46	67	109	91	34	3	....
20	Acute bronchitis	21	11	10	1	16	1	....	....	....	17	....	....	....	....	....	1	....	....	2	1	....
21	Chronic bronchitis	13	5	8	1	....	....	....	....	....	....	....	....	1	1	2	1	2	2	4	....	....
22	Pneumonia	319	184	135	15	68	25	11	2	1	107	7	11	17	25	37	41	38	27	8	1	....
23	Other diseases of the respiratory system (tuberculosis excepted)	157	75	82	4	70	16	4	4	4	98	1	6	5	6	4	6	11	11	7	2	....
24	Diseases of the stomach (cancer excepted),	48	25	23	1	25	1	2	....	....	28	1	....	1	2	4	7	4	1	....	....	....
25	Diarrhœa and enteritis (under 2 years)	226	120	106	2	186	40	....	....	....	226	....	....	....	....	....	....	....	....	....	....	....
26	Appendicitis and typhlitis	37	27	10	....	....	....	....	....	....	....	1	10	12	6	2	5	....	....	1	....	....
27	Hernia, intestinal obstruction	26	15	11	1	4	....	1	....	....	5	1	....	1	3	....	6	4	2	4	....	....
28	Cirrhosis of the liver	33	27	6	....	....	....	....	....	....	....	....	....	....	4	10	6	8	3	2	....	....
29	Acute nephritis and Bright's disease	305	152	153	4	1	4	1	....	....	6	....	4	14	21	42	61	59	76	19	3	....
30	Noncancerous tumors and other diseases of the female genital organs	19	....	19	....	....	....	....	....	....	....	....	1	1	6	6	5	....	....	....	....	....
31	Puerperal septicæmia (puerperal fever, peritonitis)	11	....	11	....	....	....	....	....	....	....	....	....	6	4	1	....	....	....	....	....	....
32	Other puerperal accidents of pregnancy and labor	20	....	20	....	....	....	....	....	....	....	....	....	8	10	2	....	....	....	....	....	....
33	Congenital debility and malformations	188	112	76	2	187	....	....	1	....	188	....	....	....	....	....	....	....	....	....	....	....
34	Senility	23	11	12	1	....	....	....	....	....	....	....	....	....	....	....	....	5	10	6	2	....
36	Suicide	37	28	9	1	....	....	....	....	....	....	....	3	5	11	7	7	4	....	....	....	....
35	Violent deaths (suicide excepted)	250	190	60	3	13	5	6	1	5	30	28	22	30	43	31	30	20	8	6	2	....
37	Other diseases	389	216	173	8	76	2	9	5	2	94	13	9	17	30	44	52	56	48	22	4	....
38	Unknown or ill-defined diseases	3	2	1	....	3	....	....	....	....	3	....	....	....	....	....	....	....	....	....	....	....
	Total	3397	1840	1557	71	683	122	50	18	20	893	84	122	232	320	347	429	437	364	149	20	....

Estimated population, 260,210. Deaths excluding non-residents of State, 3,397. Rate per 1,000 population, 13.05.

TABLE 28A.—TABULATION OF DEATHS IN PASSAIC COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	9	5	4	....	....	....	1	....	....	1	1	3	1	2	....	1	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Measles	43	20	23	....	8	27	4	2	1	42	....	....	....	1	....	....	....	....	....	....	....
6	Scarlet fever	3	2	1	....	....	....	....	1	....	1	2	....	....	....	....	....	....	....	....	....	....
7	Whooping cough	38	20	18	....	21	11	5	1	....	38	....	....	....	....	....	....	....	....	....	....	....
8	Diphtheria and croup	47	25	22	....	3	6	5	5	6	25	15	4	1	1	....	....	1	....	....	....	....
9	Influenza	984	515	469	8	34	38	15	17	7	111	23	79	333	259	90	43	27	15	4	....	....
10	Asiatic cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11	Cholera nostras	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Other epidemic diseases	8	6	2	....	4	....	....	....	....	4	....	1	....	....	....	....	....	2	1	....	....
13	Tuberculosis of the lungs	331	182	149	12	2	....	....	1	1	4	2	23	105	84	54	37	18	3	1	....	....
14	Tuberculous meningitis	20	8	12	1	2	8	3	2	....	15	3	2	....	....	....	....	....	....	....	....	....
15	Other forms of tuberculosis	7	4	3	1	1	2	1	....	....	4	1	2	....	....	....	....	....	....	....	....	....
16	Cancer and other malignant tumors	194	74	120	2	....	2	....	....	2	4	....	1	3	14	33	53	44	33	8	1	....
17	Simple meningitis	32	17	15	....	9	4	3	1	1	18	4	1	4	2	2	....	....	1	....	....	....
18	Cerebral hæmorrhage and softening	177	87	90	5	1	1	....	....	....	2	....	....	....	2	14	24	57	57	21	....	....
19	Organic diseases of the heart	372	180	192	10	2	....	2	....	2	6	2	13	23	35	47	70	64	83	25	4	....
20	Acute bronchitis	29	13	16	2	18	2	1	....	....	21	....	1	....	1	....	....	....	1	5	....	....
21	Chronic bronchitis	14	11	3	....	1	1	....	....	....	2	....	....	....	1	1	1	4	2	2	1	....
22	Pneumonia	507	282	225	15	56	32	16	10	5	119	15	36	101	71	40	46	43	24	11	1	....
23	Other diseases of the respiratory system (tuberculosis excepted)	279	157	122	1	93	38	15	9	2	157	11	12	19	21	17	8	12	8	10	4	....
24	Diseases of the stomach (cancer excepted).	26	14	12	3	8	1	1	....	1	11	1	....	2	2	1	3	5	1	....	....	....
25	Diarrhœa and enteritis (under 2 years)	225	129	96	3	187	38	....	....	....	225	....	....	....	....	....	....	....	....	....	....	....
26	Appendicitis and typhlitis	23	14	9	3	....	....	....	....	1	1	....	7	6	4	1	3	1	....	....	....	....
27	Hernia, intestinal obstruction	34	14	20	....	6	....	....	....	....	6	....	....	1	3	4	3	8	8	1	....	....
28	Cirrhosis of the liver	32	15	17	....	....	....	....	....	....	....	....	....	1	2	5	11	7	6	....	....	....
29	Acute nephritis and Bright's disease	314	152	162	7	6	2	3	1	2	14	2	6	9	29	26	50	82	67	26	3	....
30	Noncancerous tumors and other diseases of the female genital organs	5	....	5	2	....	....	....	....	....	....	....	....	....	....	5	....	....	....	....	....	....
31	Puerperal septicæmia (puerperal fever, peritonitis)	9	....	9	....	....	....	....	....	....	....	....	....	3	6	....	....	....	....	....	....	....
32	Other puerperal accidents of pregnancy and labor	22	....	22	....	....	....	....	....	....	....	....	1	7	13	1	....	....	....	....	....	....
33	Congenital debility and malformations	204	111	93	3	202	2	....	....	....	204	....	....	....	....	....	....	....	....	....	....	....
34	Senility	17	5	12	....	....	....	....	....	....	....	....	....	....	....	....	2	6	4	4	1	....
36	Suicide	34	28	6	1	....	....	....	....	....	....	....	....	10	5	8	7	3	1	....	....	....
35	Violent deaths (suicide excepted)	246	184	62	3	4	6	6	5	2	23	21	25	26	34	34	30	23	20	7	3	....
37	Other diseases	388	210	178	12	63	4	8	6	4	85	9	11	21	29	45	55	59	49	20	5	....
38	Unknown or ill-defined diseases	8	3	5	....	4	....	1	....	....	5	....	....	....	....	....	1	....	2	....	....	....
	Total	4681	2487	2194	94	735	225	90	61	37	1148	112	228	676	621	428	446	460	388	147	26	1

Estimated population, 266,357. Deaths excluding non-residents of State, 4,681. Rate per 1,000 population, 17.57.

TABLE 29.—TABULATION OF DEATHS IN SALEM COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	3	2	1	1									1		1	1					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	4	3	1	3	1		2		1	4											
6	Scarlet fever																					
7	Whooping cough	11	7	4	1	6	3	2			11											
8	Diphtheria and croup	1	1						1		1											
9	Influenza	8	4	4	2	2					2		1				1	1	2		1	
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	35	20	15	8								4	7	7	9	4	3	1			
14	Tuberculous meningitis																					
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	22	6	16	4									1	2	2	8	4	3	2		
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	35	19	16	4								1	1		1	5	8	10	9		
19	Organic diseases of the heart	63	36	27	11	3					3	1	1	3	4	4	5	14	15	12	1	
20	Acute bronchitis	4	4												1		1			2		
21	Chronic bronchitis	3	1	2														2		1		
22	Pneumonia	34	23	11	7	6	1	1			8			3	1	7	3	5	2	5		
23	Other diseases of the respiratory system (tuberculosis excepted)	31	17	14	5	10	1				11		1			2	2	5	7	3		
24	Diseases of the stomach (cancer excepted)	3	3											1		1			1			
25	Diarrhœa and enteritis (under 2 years)	32	20	12	4	27	5				32					1						
26	Appendicitis and typhlitis	4	2	2	1									1	1	1		1				
27	Hernia, intestinal obstruction	3	3			1					1						1		1			
28	Cirrhosis of the liver	2	2														1		1			
29	Acute nephritis and Bright's disease	65	29	36	7	1	1	1			3			3	4	3	7	10	28	6	1	
30	Noncancerous tumors and other diseases o the female genital organs	1		1												1						
31	Puerperal septicæmia (puerperal fever peritonitis)	2		2									2									
32	Other puerperal accidents of pregnancy an labor	4		4	1									3	1							
33	Congenital debility and malformations	35	21	14	3	35					35											
34	Senility																					
36	Suicide	2	2										1				1					
35	Violent deaths (suicide excepted)	33	27	6	3	2					2	2	4	10	5	3	1	4	2			
37	Other diseases	59	27	32	7	9		1	1	1	12		3	4	4	2	4	9	12	9		
38	Unknown or ill-defined diseases	1		1		1					1											
	Total	500	279	221	72	104	11	7	2	2	126	3	18	38	30	37	45	66	85	49	3	

Estimated population, 28,071. Deaths excluding non-residents of State, 500. Rate per 1,000 population, 17.81.

TABLE 29A.—TABULATION OF DEATHS IN SALEM COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	3	1	2	3								1			1	1					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	2		2		1	1				2											
6	Scarlet fever																					
7	Whooping cough	13	9	4	5	5	1	2	1	1	10	3										
8	Diphtheria and croup	3	1	2		1					1	1	1									
9	Influenza	181	109	72	16	10	7	5	4	1	27	2	16	62	51	9	6	1	4		3	
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	5	4	1		1	1				2						1	1	1			
13	Tuberculosis of the lungs	32	14	18	9		1			1	2		2	7	11	3	5	2				
14	Tuberculous meningitis	1	1			1					1											
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	24	7	17	1											4	2	5	10	3		
17	Simple meningitis	3	2	1	1	2					2	1										
18	Cerebral hæmorrhage and softening	40	25	15	5											2	6	4	17	11		
19	Organic diseases of the heart	75	43	32	16	3					3		3	2	4	13	6	12	20	11	1	
20	Acute bronchitis	2	2			1					1									1		
21	Chronic bronchitis																					
22	Pneumonia	63	44	19	13	7	4	2	1		14	3	2	6	15	5	6	4	5	2	1	
23	Other diseases of the respiratory system (tuberculosis excepted)	27	14	13	2	11					11	1		3	1	1	3	3	3	1		
24	Diseases of the stomach (cancer excepted),	3	2	1											1			1			1	
25	Diarrhœa and enteritis (under 2 years)	38	26	12	5	35	3				38											
26	Appendicitis and typhlitis	1	1		1									1								
27	Hernia, intestinal obstruction	3	3													1			1	1		
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	45	22	23	1									2	3	7	6	13	13	1		
30	Noncancerous tumors and other diseases o the female genital organs	4		4	1									1	3							
31	Puerperal septicæmia (puerperal fever peritonitis)																					
32	Other puerperal accidents of pregnancy an labor	3		3										2	1							
33	Congenital debility and malformations	29	24	5	2	29					29											
34	Senility	1		1																1		
36	Suicide	5	4	1	1									2	1	1		1				
35	Violent deaths (suicide excepted)	57	45	12	7	1			1		3	5	8	14	5	12	3	3	4			
37	Other diseases	63	33	30	5	7			1	1	9			2	4	2	10	8	18	8	1	1
38	Unknown or ill-defined diseases																					
	Total	726	436	290	94	115	18	11	6	5	155	16	33	104	101	60	55	59	97	38	7	1

Estimated population, 28,220. Deaths excluding non-residents of State, 726. Rate per 1,000 population, 25.72.

TABLE 30.—TABULATION OF DEATHS IN SOMERSET COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	8	4	4	....	....	....	....	....	....	....	....	1	3	....	2	2	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Measles	1	....	1	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
6	Scarlet fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	Whooping cough	3	2	1	....	3	....	....	....	....	3	....	....	....	....	....	....	....	....	....	....	....
8	Diphtheria and croup	1	1	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
9	Influenza	5	3	2	....	....	....	....	....	....	....	....	....	....	1	....	1	1	1	1	....	....
10	Asiatic cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11	Cholera nostras	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Other epidemic diseases	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....
13	Tuberculosis of the lungs	42	22	20	1	1	1	....	....	....	2	....	1	12	10	12	4	1	....	....	....	....
14	Tuberculous meningitis	3	1	2	....	1	....	1	....	....	2	1	....	....	....	....	....	....	....	....	....	....
15	Other forms of tuberculosis	4	1	3	....	....	....	1	....	....	1	....	3	....	....	....	....	....	....	....	....	....
16	Cancer and other malignant tumors	53	25	28	....	....	....	....	....	1	1	....	....	....	1	5	9	13	17	6	1	....
17	Simple meningitis	4	2	2	....	....	1	....	....	....	1	1	1	....	....	....	1	....	....	....	....	....
18	Cerebral hæmorrhage and softening	49	24	25	4	....	....	....	....	....	....	....	....	....	1	2	8	11	18	9	....	....
19	Organic diseases of the heart	70	39	31	3	....	....	....	....	....	....	....	3	3	2	2	13	16	23	7	1	....
20	Acute bronchitis	4	3	1	....	2	....	....	....	....	2	....	....	....	....	....	....	....	1	....	1	....
21	Chronic bronchitis	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
22	Pneumonia	33	23	10	2	2	1	....	....	....	3	....	2	2	3	8	3	5	3	3	1	....
23	Other diseases of the respiratory system (tuberculosis excepted)	34	20	14	4	13	3	....	1	1	18	1	1	2	....	3	1	5	1	2	....	....
24	Diseases of the stomach (cancer excepted)	4	4	....	....	1	....	....	....	....	1	....	....	....	....	....	....	1	1	....	1	....
25	Diarrhœa and enteritis (under 2 years)	44	20	24	2	43	1	....	....	....	44	....	....	....	....	....	....	....	....	....	....	....
26	Appendicitis and typhlitis	8	5	3	2	....	....	....	....	....	....	1	1	1	1	2	2	....	....	....	....	....
27	Hernia, intestinal obstruction	8	6	2	....	2	....	....	....	....	2	....	....	....	1	2	1	....	2	....	....	....
28	Cirrhosis of the liver	3	3	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	1	....	....	....
29	Acute nephritis and Bright's disease	43	19	24	1	....	....	....	....	....	....	....	....	2	2	7	8	8	9	7	....	....
30	Noncancerous tumors and other diseases of the female genital organs	4	....	4	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1	....	....	....
31	Puerperal septicæmia (puerperal fever, peritonitis)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
32	Other puerperal accidents of pregnancy and labor	6	....	6	....	....	....	....	....	....	....	....	1	3	1	1	....	....	....	....	....	....
33	Congenital debility and malformations	29	13	16	1	29	....	....	....	....	29	....	....	....	....	....	....	....	....	....	....	....
34	Senility	10	2	8	....	....	....	....	....	....	....	....	....	....	....	1	3	2	....	4	....	....
36	Suicide	10	8	2	....	....	....	....	....	....	....	....	....	....	2	2	4	1	1	....	....	....
35	Violent deaths (suicide excepted)	42	36	6	2	1	1	2	1	....	5	3	7	6	6	3	7	2	2	1	....	....
37	Other diseases	98	54	44	5	13	3	3	3	2	24	4	....	5	5	12	10	12	14	10	2	....
38	Unknown or ill-defined diseases	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Total	626	341	285	27	112	12	7	5	4	140	11	21	40	36	65	81	80	95	50	7	....

Estimated population, 43,106. Deaths excluding non-residents of State, 626. Rate per 1,000 population, 14.52.

TABLE 30A.—TABULATION OF DEATHS IN SOMERSET COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	3	2	1	....	....	....	....	....	....	....	....	....	2	1	....	....	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Measles	8	6	2	....	3	2	2	1	....	8	....	....	....	....	....	....	....	....	....	....	....
6	Scarlet fever	1	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
7	Whooping cough	12	5	7	5	7	1	....	1	1	10	2	....	....	....	....	....	....	....	....	....	....
8	Diphtheria and croup	8	5	3	....	....	2	1	1	1	5	1	2	....	....	....	....	....	....	....	....	....
9	Influenza	169	101	68	15	8	7	....	1	1	17	6	20	51	53	9	6	5	1	1	....	....
10	Asiatic cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11	Cholera nostras	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
12	Other epidemic diseases	6	2	4	....	2	1	....	....	....	3	1	....	....	....	....	....	1	....	1	....	....
13	Tuberculosis of the lungs	48	33	15	3	....	2	....	....	....	2	....	7	11	7	10	6	3	2	....	....	....
14	Tuberculous meningitis	2	2	....	....	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....
15	Other forms of tuberculosis	2	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
16	Cancer and other malignant tumors	37	11	26	....	....	....	....	....	....	....	....	....	....	3	5	4	9	11	5	....	....
17	Simple meningitis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18	Cerebral hæmorrhage and softening	66	24	42	3	....	....	....	....	....	....	....	....	....	....	3	11	14	21	16	1	....
19	Organic diseases of the heart	110	51	59	5	....	....	....	....	....	....	....	1	7	8	11	11	21	30	20	1	....
20	Acute bronchitis	2	1	1	....	1	....	....	....	1	2	....	....	....	....	....	....	....	....	....	....	....
21	Chronic bronchitis	1	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
22	Pneumonia	61	33	28	1	....	3	1	2	1	7	3	1	12	11	7	3	6	6	5	....	....
23	Other diseases of the respiratory system (tuberculosis excepted)	63	33	30	1	12	6	2	2	1	23	1	1	9	8	8	5	3	2	3	....	....
24	Diseases of the stomach (cancer excepted)	7	3	4	1	....	....	....	....	....	....	1	1	....	....	3	....	....	2	....	....	....
25	Diarrhœa and enteritis (under 2 years)	34	20	14	1	27	7	....	....	....	34	....	....	....	....	....	....	....	....	....	....	....
26	Appendicitis and typhlitis	3	2	1	....	....	....	....	....	....	....	....	1	1	1	....	....	....	....	....	....	....
27	Hernia, intestinal obstruction	6	2	4	1	1	....	....	....	....	1	....	1	....	....	1	1	2	....	....	....	....
28	Cirrhosis of the liver	4	1	3	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....
29	Acute nephritis and Bright's disease	40	22	18	4	....	....	....	....	....	....	....	....	1	1	3	5	11	15	4	....	....
30	Noncancerous tumors and other diseases of the female genital organs	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
31	Puerperal septicæmia (puerperal fever, peritonitis)	2	....	2	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....
32	Other puerperal accidents of pregnancy and labor	1	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....
33	Congenital debility and malformations	23	16	7	2	23	....	....	....	....	23	....	....	....	....	....	....	....	....	....	....	....
34	Senility	8	1	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	5	....
36	Suicide	6	5	1	....	....	....	....	....	....	....	....	....	....	1	1	1	3	....	....	....	....
35	Violent deaths (suicide excepted)	37	30	7	1	1	....	....	1	1	3	3	2	6	8	2	2	7	1	1	2	....
37	Other diseases	91	45	46	5	6	2	2	1	....	11	3	3	3	11	6	14	12	20	8	....	....
38	Unknown or ill-defined diseases	1	....	1	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
	Total	863	457	406	48	93	33	8	10	7	151	22	40	105	116	69	70	101	114	66	9	....

Estimated population, 43,701. Deaths excluding non-residents of State, 863. Rate per 1,000 population, 19.74.

TABLE 31.—TABULATION OF DEATHS IN SUSSEX COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1		1																1		
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	5	2	3		3	1				4			1								
6	Scarlet fever																					
7	Whooping cough	15	4	11		8	3	1		1	13	2										
8	Diphtheria and croup	2	1	1		1			1		2											
9	Influenza	5	2	3											1					4		
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1	1																			
13	Tuberculosis of the lungs	16	3	13						1	1		1	4	3	1	4	1		1		
14	Tuberculous meningitis																			1		
15	Other forms of tuberculosis	1	1																			
16	Cancer and other malignant tumors	27	12	15	1					1	1											
17	Simple meningitis	2	2			2					2					2	5	12	7	1		
18	Cerebral hæmorrhage and softening	37	19	18			1				1					2	5	8	10	11		
19	Organic diseases of the heart	59	29	30			1	1			2		4	3	1	3	7	10	19	9	1	
20	Acute bronchitis	4		4		3					3									1		
21	Chronic bronchitis																					
22	Pneumonia	46	29	17	2	5	2				7		1	4	7	7	6	6	7	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	21	6	15		12			1	1	14				1	2		2	2			
24	Diseases of the stomach (cancer excepted)	3	1	2											1		2					
25	Diarrhœa and enteritis (under 2 years)	12	7	5		10	2				12											
26	Appendicitis and typhlitis	3	1	2										1	1	1						
27	Hernia, intestinal obstruction	1		1															1			
28	Cirrhosis of the liver	2	1	1													2					
29	Acute nephritis and Bright's disease	30	17	13										1	2		3	3	14	7		
30	Noncancerous tumors and other diseases of the female genital organs	1		1												1						
31	Puerperal septicæmia (puerperal fever, peritonitis)	2		2										1	1							
32	Other puerperal accidents of pregnancy and labor	6		6									4	1	1							
33	Congenital debility and malformations	23	17	6		22		1			23											
34	Senility	5	4	1															1	3	1	
36	Suicide	5	3	2									1		1	2	1					
35	Violent deaths (suicide excepted)	27	21	6			1			1	2	1	1	7	6	2	2	3	1	2		
37	Other diseases	56	29	27		4		3	2	1	10	3	3	4	1	5	12	6	7	5		
38	Unknown or ill-defined diseases																					
	Total	418	212	206	3	70	11	6	5	5	97	6	15	27	27	28	49	51	73	43	2	

Estimated population, 28,713. Deaths excluding non-residents of State, 418. Rate per 1,000 population, 14.55.

TABLE 31A.—TABULATION OF DEATHS IN SUSSEX COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	2	2											1			1					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	8	7	1		3	3	1			7					1						
6	Scarlet fever																					
7	Whooping cough	1		1			1				1											
8	Diphtheria and croup	3	2	1								3										
9	Influenza	177	110	67	1	2	6	3	3	1	15	5	25	39	50	20	15	1	5	2		
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1	1														1					
13	Tuberculosis of the lungs	20	14	6								1	1	2	5	4	2	5				
14	Tuberculous meningitis	1	1													1						
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	29	14	15										1	3	4	7	7	4	3		
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	43	22	21		1					1					2	3	12	15	7	3	
19	Organic diseases of the heart	45	23	22	1							1	2			1	8	10	15	8		
20	Acute bronchitis	4	3	1		2					2								1	1		
21	Chronic bronchitis	4	2	2															1	2	1	
22	Pneumonia	75	56	19	2	5	4	1			10		3	7	17	12	7	12	3	2	2	
23	Other diseases of the respiratory system (tuberculosis excepted)	23	16	7		8	4	3			15			1	1	1			3	2		
24	Diseases of the stomach (cancer excepted)	4	3	1		1					1						1		1	1		
25	Diarrhœa and enteritis (under 2 years)	19	10	9		19					19											
26	Appendicitis and typhlitis																					
27	Hernia, intestinal obstruction	2	1	1												1			1			
28	Cirrhosis of the liver	1		1																		
29	Acute nephritis and Bright's disease	33	21	12	1				1		1			1	1	4	6	7	6	7		
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)	3		3										2	1							
32	Other puerperal accidents of pregnancy and labor	1		1										1								
33	Congenital debility and malformations	16	14	2		16					16											
34	Senility	3	2	1														1	1	1		
36	Suicide	1		1											1							
35	Violent deaths (suicide excepted)	22	19	3								3	4	3	1		3	4	1	2	1	
37	Other diseases	66	38	28		11	1	1	1		14	1	2	4	9	1	7	8	11	8	1	
38	Unknown or ill-defined diseases	1		1		1					1											
	Total	608	381	227	5	69	19	10	4	1	103	14	37	62	89	52	61	69	69	45	7	

Estimated population, 28,981. Deaths excluding non-residents of State, 608. Rate per 1,000 population, 20.98.

TABLE 32.—TABULATION OF DEATHS IN UNION COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	8	6	2	1							1	1	1		2		2	1			
2	Typhus fever																					
3	Malaria	1	1														1					
4	Smallpox																					
5	Measles	6	3	3	1	2	3		1		6											
6	Scarlet fever	5	4	1		1		1			2		2	1								
7	Whooping cough	12	7	5	1	9	2				11	1										
8	Diphtheria and croup	38	18	20		2	3	2	5	8	20	16	1		1							
9	Influenza	23	15	8		7	1		2		10		1	1	2	1	4	1	1	2		
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	5	2	3		2					2							2	1			
13	Tuberculosis of the lungs	225	138	87	18	2	1		1		4	3	16	74	59	42	11	13	2	1		
14	Tuberculous meningitis	19	10	9	4	3	4	3	2		12	2	1	2	1							
15	Other forms of tuberculosis	16	12	4	2	1				1	2	2	1	3	4		3	1				
16	Cancer and other malignant tumors	172	83	89	5		1				1		1	2	7	26	35	53	30	7		
17	Simple meningitis	20	12	8	2	3	2	2		1	8	5	3		3			1				
18	Cerebral hæmorrhage and softening	182	93	89	4									2	2	13	28	56	48	28	5	
19	Organic diseases of the heart	271	124	147	10							2	11	14	17	24	41	59	67	32	4	
20	Acute bronchitis	13	6	7	1	9	1				10						1		2			
21	Chronic bronchitis	8	5	3											1				6	1		
22	Pneumonia	264	157	107	24	45	22	6	3	3	79	2	4	23	28	25	30	40	17	14	2	
23	Other diseases of the respiratory system (tuberculosis excepted)	102	59	43	10	38	12	2	2	6	60	3	4	2		4	9	3	11	5	1	
24	Diseases of the stomach (cancer excepted),	28	20	8	2	12	1			1	14				3	4	1	2	2	1	1	
25	Diarrhœa and enteritis (under 2 years)	137	78	59	4	118	19				137											
26	Appendicitis and typhlitis	13	10	3		2			2		4		1	3	2	1		1	1			
27	Hernia, intestinal obstruction	23	11	12		1	1			1	3		2		1	2	3	7	3	2		
28	Cirrhosis of the liver	29	19	10	2									1	3	8	10	4	3			
29	Acute nephritis and Bright's disease	192	93	99	15	9	2				11	3	4	10	13	22	38	42	35	13	1	
30	Noncancerous tumors and other diseases of the female genital organs	4		4	1												2	1		1		
31	Puerperal septicæmia (puerperal fever, peritonitis)	8		8											5	2	1					
32	Other puerperal accidents of pregnancy and labor	7		7	1										6		1					
33	Congenital debility and malformations	147	91	56	5	147					147											
34	Senility	13	4	9														2	6	4	1	
36	Suicide	28	22	6										2	6	3	4	5	5	2	1	
35	Violent deaths (suicide excepted)	172	133	39	8	6	3	4	1	7	21	12	21	26	22	24	18	16	8	3	1	
37	Other diseases	347	204	143	15	52	6	8	10	4	80	4	8	17	22	39	52	44	47	31	3	
38	Unknown or ill-defined diseases	8	4	4		5	1			1	7						1					
	Total	2546	1444	1102	136	476	85	28	29	33	651	56	84	199	197	255	292	354	293	145	20	

Estimated population, 170,011. Deaths excluding non-residents of State, 2,546. Rate per 1,000 population, 14.97.

TABLE 32A.—TABULATION OF DEATHS IN UNION COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	9	6	3	1									5	1		2	1				
2	Typhus fever																					
3	Malaria																					
4	Smallpox	1	1																			
5	Measles							1			1											
6	Scarlet fever	26	14	12		11	10	2		1	24	1										
7	Whooping cough	2		2		1					2				1							
8	Diphtheria and croup	44	18	26	6	20	13	5	1		43	1										
9	Influenza	32	15	17	1		4	4	3	6	17	13	1									
10	Asiatic cholera	586	304	282	35	26	31	15	7	9	88	20	49	167	156	49	24	20	8	4	1	
11	Cholera nostras															1						
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	13	5	8																		
14	Tuberculous meningitis	265	160	105	29	4	2	1			7		1									
15	Other forms of tuberculosis	33	21	12	5	3	1	2	2		8		22	75	68	55	25	8	2	1		
16	Cancer and other malignant tumors	14	10	4	4	4	5	6	3	2	20	8	4		1				2			
17	Simple meningitis	181	75	106	10	1	1				2	1		5	2	1	2	1				
18	Cerebral hæmorrhage and softening	17	9	8	2		1				1			5	14	31	40	52	27	10	1	
19	Organic diseases of the heart	198	95	103	11	6	3	1		1	11	3	1		1	1						
20	Acute bronchitis	271	124	147	12	5		1		1	7			1	3	22	31	61	46	20	7	
21	Chronic bronchitis	16	9	7	4	1				1	2	1	7	17	21	21	36	57	65	40	4	
22	Pneumonia	8	6	2		9	3	1	1		14								1	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	574	329	245	42	45	28	10	10	3	96	13	33	124	135	67	41	30	25	10		
24	Diseases of the stomach (cancer excepted),	202	102	100	19	45	29	15	5	2	96	10	15	25	16	7	11	7	7	8		
25	Diarrhœa and enteritis (under 2 years)	11	8	3		1			1	2	4	1	1		1	1	2	1				
26	Appendicitis and typhlitis	150	85	65	7	128	22				150											
27	Hernia, intestinal obstruction	18	11	7																		
28	Cirrhosis of the liver	17	13	4	1	3					3	3	3	8	1	2						
29	Acute nephritis and Bright's disease	22	15	7							3	1	1		1	5	2	1				
30	Noncancerous tumors and other diseases of the female genital organs	156	78	78	15	2			1		3	3	3	5	11	16	23	42	33	16	1	
31	Puerperal septicæmia (puerperal fever, peritonitis)	9		9	2											5	10	5	2			
32	Other puerperal accidents of pregnancy and labor	9		9	2									1	3	2	2	1				
33	Congenital debility and malformations	15		15										1	5	2	1					
34	Senility	157	96	61	9	154																
36	Suicide	7	5	2					2		156		1	8	6	1						
35	Violent deaths (suicide excepted)	16	14	2																		
37	Other diseases	170	124	46	9	6	2	7	3	3	21	10	23	3	2	2	3	5	3	3	1	
38	Unknown or ill-defined diseases	277	153	124	14	63	5	6	4	2	80	10	7	20	28	27	21	9	7	1		
	Total	2	1	1	1	2					2			14	19	21	28	42	36	3	1	
		3528	1906	1622	241	540	160	77	45	36	858	99	174	491	493	339	302	346	270	136	20	

Estimated population, 174,147. Deaths excluding non-residents of State, 3,528. Rate per 1,000 population, 20.25.

TABLE 33.—TABULATION OF DEATHS IN WARREN COUNTY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1									1										
2	Typhus fever																					
3	Malaria	1		1															1			
4	Smallpox																					
5	Measles	2		2			2				2											
6	Scarlet fever	1	1					1			1											
7	Whooping cough	2	1	1			1				1				1							
8	Diphtheria and croup	5	2	3			1		1		2	2								1		
9	Influenza	17	11	6		2					2			1			1	2	5	4	2	
10	Asiatic cholera																					
11	Cholera nostras	1	1			1					1											
12	Other epidemic diseases	3	1	2						1	1						1				1	
13	Tuberculosis of the lungs	35	17	18		1					1		1	10	11	6	3	1	2			
14	Tuberculous meningitis	2	2									1					1					
15	Other forms of tuberculosis	1		1										1								
16	Cancer and other malignant tumors	24	8	16										1	2	4	6	3	5	2	1	
17	Simple meningitis	5	3	2		1					1	2	1	1								
18	Cerebral hæmorrhage and softening	63	33	30	1										2	5	6	15	22	11	2	
19	Organic diseases of the heart	82	42	40		1					1		1	2	3	6	10	14	25	16	4	
20	Acute bronchitis	5	4	1		2		1			3	1								1		
21	Chronic bronchitis	4	3	1	1													1	2	1		
22	Pneumonia	40	26	14		9	2			1	12		2	1		7	7		9	2		
23	Other diseases of the respiratory system (tuberculosis excepted)	27	20	7		16	4				20					1			4	2		
24	Diseases of the stomach (cancer excepted),	9	2	7		1					1							2	3	3		
25	Diarrhœa and enteritis (under 2 years)	31	12	19		25	6				31											
26	Appendicitis and typhlitis	4	3	1								1	1	1					1			
27	Hernia, intestinal obstruction	1	1													1						
28	Cirrhosis of the liver	6	2	4											1	4			1			
29	Acute nephritis and Bright's disease	61	30	31			2				2	2		1	5	5	11	10	16	8	1	
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1										1								
32	Other puerperal accidents of pregnancy and labor	4		4										1	2	1						
33	Congenital debility and malformations	40	24	16		38				2	40											
34	Senility	8	3	5															1	4	3	
36	Suicide	7	5	2									2	1	1		1	1	1			
35	Violent deaths (suicide excepted)	45	33	12	1	2	1	2	1	3	9	3	3	4	7	5	7	3	3	1		
37	Other diseases	99	57	42		12		4		2	18	1	1	4	3	5	12	12	24	18	1	
38	Unknown or ill-defined diseases																					
	Total	637	348	289	3	111	18	9	4	7	149	14	12	30	38	50	66	64	125	74	15	

Estimated population, 47,140. Deaths excluding non-residents of State, 637. Rate per 1,000 population, 13.51.

TABLE 33A.—TABULATION OF DEATHS IN WARREN COUNTY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	2	1	1								1		1								
2	Typhus fever																					
3	Malaria	3		3																		
4	Smallpox																					
5	Measles	10	3	7			4	1		1	6			2		2			2			
6	Scarlet fever														1							
7	Whooping cough	10	6	4		7	1	1			9	3	2									
8	Diphtheria and croup	5	2	3											1							
9	Influenza	272	152	120	2	8	19	8	8	3	46	17	25	77	70	17	6	8	5	1		
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	2	1	1																		
13	Tuberculosis of the lungs	33	22	11		1					1	2	1	9	5	8	4	1	2			
14	Tuberculous meningitis	4	2	2		2	1		1		4											
15	Other forms of tuberculosis	2	1	1													1					
16	Cancer and other malignant tumors	35	20	15	1									1								
17	Simple meningitis	6	3	3		3	2			1	6			1	2	3	8	15	5		1	
18	Cerebral hæmorrhage and softening	60	25	35	1	1					1											
19	Organic diseases of the heart	90	47	43		1					1	3	3	2	1	3	6	16	19	12	2	
20	Acute bronchitis	7	4	3		6					6					6	10	25	24	11	4	
21	Chronic bronchitis	2	1	1																1		
22	Pneumonia	64	35	29		6	2	1			9		4	13	11	7	2	6	6	6		
23	Other diseases of the respiratory system (tuberculosis excepted)	42	27	15		10	5	2			17	1		9	2	4	1	2	4	1	1	
24	Diseases of the stomach (cancer excepted),	9	3	6		1	1				2											
25	Diarrhœa and enteritis (under 2 years)	43	26	17		35	8				43				1			2	2	1	1	
26	Appendicitis and typhlitis																					
27	Hernia, intestinal obstruction	1		1		1																
28	Cirrhosis of the liver	2		2							1											
29	Acute nephritis and Bright's disease	68	41	27	1											1			1			
30	Noncancerous tumors and other diseases of the female genital organs	1		1								1	2	3	4	6	9	13	20	8	2	
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1															1			
32	Other puerperal accidents of pregnancy and labor													1								
33	Congenital debility and malformations	30	15	15		30					30											
34	Senility																					
36	Suicide	6	5	1																		
35	Violent deaths (suicide excepted)	36	31	5										1	2	1		2				
37	Other diseases	93	47	46		6		2	1		9	1	3	3	5	5	3	4	3	5		
38	Unknown or ill-defined diseases	3	3			1				1	1								2			
	Total	942	523	419	5	119	43	15	10	6	193	30	44	128	111	68	57	112	118	65	16	

Estimated population, 47,680. Deaths excluding non-residents of State, 942. Rate per 1,000 population, 19.75.

TABLE 34.—TABULATION OF DEATHS IN ATLANTIC CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	6	5	1	1							1	1	3	1							
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	2		2			2				2											
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup	1		1		1					1				1				1	1		
9	Influenza	4		4				1			1											
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1	1																			
13	Tuberculosis of the lungs	64	40	24	38	1					1	2	6	13	14	15	10	3				
14	Tuberculous meningitis	4	2	2	1	2			2		4											
15	Other forms of tuberculosis	4	3	1	1								2			1	1					
16	Cancer and other malignant tumors	50	14	36	9									1		11	14	11	10	3		
17	Simple meningitis	5	2	3		2					2		2			1						
18	Cerebral hæmorrhage and softening	36	16	20	8										1	4	7	10	9	4	1	
19	Organic diseases of the heart	72	33	39	22	1					1		3		5	11	18	17	14	3		
20	Acute bronchitis	5	4	1	1		2		1		3							2				
21	Chronic bronchitis	1		1															1			
22	Pneumonia	41	18	23	20		1	3			4		1	4	5	10	6	5	4	2		
23	Other diseases of the respiratory system (tuberculosis excepted)	29	12	17	12	10	2	2			14	1			2	1	2	4	4	1		
24	Diseases of the stomach (cancer excepted),	6	4	2						1	1				1	1		3				
25	Diarrhœa and enteritis (under 2 years)	24	13	11	8	19	5				24											
26	Appendicitis and typhlitis	2	1	1												1	1					
27	Hernia, intestinal obstruction	8	4	4	2	3					3				2		1	1	1			
28	Cirrhosis of the liver	10	9	1											1	4	3	2				
29	Acute nephritis and Bright's disease	86	51	35	22								2	1	6	21	16	15	17	7	1	
30	Noncancerous tumors and other diseases of the female genital organs	3		3	2								1	1		1						
31	Puerperal septicæmia (puerperal fever, peritonitis)	6		6	3								1	1	2	2						
32	Other puerperal accidents of pregnancy and labor	8		8	2								2	3	3							
33	Congenital debility and malformations	40	19	21		40					40								2	4		
34	Senility	6	2	4											3	2	3	2				
36	Suicide	10	5	5	2									3	1	6	13	8	10	4		
35	Violent deaths (suicide excepted)	48	36	12	9	2		1			3		3		2	17	15	13	20	10	4	
37	Other diseases	95	49	46	30	10		1		1	12	2										
38	Unknown or ill-defined diseases																					
	Total	677	343	334	92	91	12	8	3	2	116	6	24	34	68	115	102	105	77	28	2	

Estimated population, 59,514. Deaths excluding non-residents of State, 677. Rate per 1,000 population, 11.37.

TABLE 34A.—TABULATION OF DEATHS IN ATLANTIC CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	2	1	1										1	1							
2	Typhus fever																					
3	Malaria	1	1		1																	
4	Smallpox																	1				
5	Measles	1	1						1		1											
6	Scarlet fever																					
7	Whooping cough	10	5	5	7	6	3			1	10											
8	Diphtheria and croup																					
9	Influenza	312	166	146	47	8	4	3	6	5	26	8	20	93	121	27	11	5	1			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1		1		1					1											
13	Tuberculosis of the lungs	66	42	24	27	2					2	1	2	15	15	17	8	5		1		
14	Tuberculous meningitis	3	2	1	1		2				2	1										
15	Other forms of tuberculosis	3	1	2									1		1	1						
16	Cancer and other malignant tumors	35	14	21	9										3	9	8	7	7	1		
17	Simple meningitis	2	1	1									2									
18	Cerebral hæmorrhage and softening	54	24	30	14											4	16	12	19	3		
19	Organic diseases of the heart	101	33	68	28	1					1		2	4	9	18	18	18	20	10	1	
20	Acute bronchitis	1		1	1	1					1											
21	Chronic bronchitis	3	1	2	1										1			1		1		
22	Pneumonia	76	44	32	38	14	4	2			20	2	2	8	10	13	14	2	4	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	49	26	23	17	14	6	2		1	23	2	4	2	1	3	8	2	1	3		
24	Diseases of the stomach (cancer excepted),	7	3	4	3	1	1				2				2	1	1		1			
25	Diarrhœa and enteritis (under 2 years)	28	14	14	5	21	7				28											
26	Appendicitis and typhlitis	5	3	2	1							1		1		3						
27	Hernia, intestinal obstruction	9	3	6	5	1					1			3		2	1	1	1			
28	Cirrhosis of the liver	7	3	4	1										1	1	3	1	1			
29	Acute nephritis and Bright's disease	86	41	45	18	1					1			4	9	14	9	21	20	8		
30	Noncancerous tumors and other diseases of the female genital organs	5		5									1	2			1		1			
31	Puerperal septicæmia (puerperal fever, peritonitis)	2		2										1	1							
32	Other puerperal accidents of pregnancy and labor	2		2										1	1							
33	Congenital debility and malformations	24	10	14	6	24					24											
34	Senility	4		4																		
36	Suicide	8	5	3	1									2		1	3	2	3			
35	Violent deaths (suicide excepted)	47	32	15	8							2	8	8	4	10	6	3	3	2	1	
37	Other diseases	108	49	59	23	7	1	2	1		11	2	3	4	8	11	25	20	18	5	1	
38	Unknown or ill-defined diseases	1		1												1						
	Total	1063	525	538	262	102	28	9	8	7	154	19	45	149	188	136	133	101	100	35	3	

Estimated population, 61,368. Deaths excluding non-residents of State, 1,063. Rate per 1,000 population, 17.32.

TABLE 35.—TABULATION OF DEATHS IN HAMMONTON TOWN FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup	10	5	5	1	1			1		2	4	3	1								
9	Influenza	3	1	2		1	1				2									1		
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	5	1	4									1	4								
14	Tuberculous meningitis																					
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	3	2	1													1	2				
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	7	7															1	6			
19	Organic diseases of the heart	8		8													1	4	3			
20	Acute bronchitis	4	3	1		3	1				4											
21	Chronic bronchitis																					
22	Pneumonia	9	4	5		1					1	1	1				1	1	2		1	1
23	Other diseases of the respiratory system (tuberculosis excepted)	1	1																1			
24	Diseases of the stomach (cancer excepted),	1		1		1					1											
25	Diarrhœa and enteritis (under 2 years)	5	4	1		1	4				5											
26	Appendicitis and typhlitis	1		1									1									
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	4	4										1				1		2			
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	6	3	3		6					6									1		
34	Senility	1		1																		
36	Suicide																					
35	Violent deaths (suicide excepted)	6	2	4					1		1	1			1		1	1	1			
37	Other diseases	9	4	5					1		1	1	1		2	2			2			
38	Unknown or ill-defined diseases																					
	Total	83	41	42	1	14	6		3		23	7	8	5	3	3	5	11	14	3	1	

Estimated population, 6,261. Deaths excluding non-residents of State, 83. Rate per 1,000 population, 13.25.

TABLE 35A.—TABULATION OF DEATHS IN HAMMONTON TOWN FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup	2		2																		
9	Influenza	29	16	13		4	2			2	8	3	3	8	5	1			1			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	5	2	3										2	1	2						
14	Tuberculous meningitis																					
15	Other forms of tuberculosis	1	1											1								
16	Cancer and other malignant tumors	2	1	1												1						
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	2	1	1													1		1			
19	Organic diseases of the heart	12	6	6													1			1		
20	Acute bronchitis													1	2	1	2	2	4			
21	Chronic bronchitis																					
22	Pneumonia	17	10	7		1	1				2	1		5	3		2	2	1	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	5	2	3	1	1					1											
24	Diseases of the stomach (cancer excepted),	1	1			1					1						2	1	1			
25	Diarrhœa and enteritis (under 2 years)	1	1		1		1				1											
26	Appendicitis and typhlitis																					
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	3	1	2																		
30	Noncancerous tumors and other diseases of the female genital organs														2			1				
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	1		1																		
33	Congenital debility and malformations	3	3			3					3				1							
34	Senility	3		3																		
36	Suicide																		1	2		
35	Violent deaths (suicide excepted)	6	4	2			1	1	1		3			1	1	1						
37	Other diseases	10	7	3			1	1			2	1			1		2	2	1	1		
38	Unknown or ill-defined diseases																					
	Total	103	56	47	2	10	4	2	2	3	21	6	4	18	16	6	9	8	10	5		

Estimated population, 6,424. Deaths excluding non-residents of State, 103. Rate per 1,000 population, 16.03.

TABLE 36.—TABULATION OF DEATHS IN ENGLEWOOD CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever	1	1										1									
7	Whooping cough																					
8	Diphtheria and croup																					
9	Influenza	2		2		1					1						1					
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	15	12	3	3									3	2	4	6					
14	Tuberculous meningitis																					
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	13	6	7											2	1	3	2	5			
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	9	8	1	1										1		3	1	3	1		
19	Organic diseases of the heart	18	6	12											1	2	1	4	6	3	1	
20	Acute bronchitis																					
21	Chronic bronchitis																					
22	Pneumonia	17	9	8	1								1	1	2	3	2	3	4		1	
23	Other diseases of the respiratory system (tuberculosis excepted)	5	1	4	1		1	2			3								2			
24	Diseases of the stomach (cancer excepted),	2	1	1	1	1					1	1										
25	Diarrhœa and enteritis (under 2 years)	4	3	1		3	1				4											
26	Appendicitis and typhlitis	1	1												1							
27	Hernia, intestinal obstruction	1		1		1					1											
28	Cirrhosis of the liver	4	1	3											1	1		1	1			
29	Acute nephritis and Bright's disease	19	10	9	4			1			1					2		7	5	4		
30	Noncancerous tumors and other diseases of the female genital organs	1		1															1			
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1	1									1								
32	Other puerperal accidents of pregnancy and labor	1		1											1							
33	Congenital debility and malformations	3	3			3					3											
34	Senility	1		1																	1	
36	Suicide	3	2	1												2	1					
35	Violent deaths (suicide excepted)	9	8	1	1										5	1		2	1			
37	Other diseases	17	13	4	1	5					5		1	1	1	2	2	2	2	1		
38	Unknown or ill-defined diseases																					
	Total	147	85	62	14	14	2	3			19	1	3	6	17	18	19	22	30	9	3	

Estimated population, 12,603. Deaths excluding non-residents of State, 147. Rate per 1,000 population, 11.66.

TABLE 36A.—TABULATION OF DEATHS IN ENGLEWOOD CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	1		1																		
8	Diphtheria and croup	5	2	3	3	2		3			5			1								
9	Influenza																					
10	Asiatic cholera	43	25	18	7	2	3		2	1	8	1		8	18	4	2	1	1			
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	13	9	4	3																	
14	Tuberculous meningitis	2	1	1		1						2	1		4	1	1	3	1			
15	Other forms of tuberculosis	1	1								1			1								
16	Cancer and other malignant tumors	14	6	8	1					1	1											
17	Simple meningitis	3	1	2	2		1								2	2	2	2	6			
18	Cerebral hæmorrhage and softening	15	9	6	1						1			1				1				
19	Organic diseases of the heart	17	9	8														5	6	4		
20	Acute bronchitis														1	1	2	7	3	3		
21	Chronic bronchitis																					
22	Pneumonia	27	15	12	2	1		1	1	1	4		1	6	2	3	1	6	2	2		
23	Other diseases of the respiratory system (tuberculosis excepted)	11	7	4	6	5	1	1			7		1	1	1	1						
24	Diseases of the stomach (cancer excepted),	1		1	1													1				
25	Diarrhœa and enteritis (under 2 years)	4	1	3	1	3	1				4											
26	Appendicitis and typhlitis																					
27	Hernia, intestinal obstruction	2	2												1							
28	Cirrhosis of the liver																		1			
29	Acute nephritis and Bright's disease	17	11	6	5									1	1	1		5	6	3		
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	10	5	5	3	10					10											
34	Senility	1	1																		1	
36	Suicide	2		2																		
35	Violent deaths (suicide excepted)	8	5	3								2	1	1								
37	Other diseases	18	11	7	4	3		1			4			1		2	2	3				
38	Unknown or ill-defined diseases													3		2	2	4	2	1		
	Total	215	121	94	40	27	6	6	3	3	45	5	4	24	30	15	12	38	28	13	1	

Estimated population, 12,975. Deaths excluding non-residents of State, 215. Rate per 1,000 population, 16.57.

TABLE 37.—TABULATION OF DEATHS IN GARFIELD BOROUGH FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever	1	1									1										
7	Whooping cough	2	1	1		1	1				2											
8	Diphtheria and croup	3	2	1		1	1		1		3											
9	Influenza	5	2	3		1	1				2			2					1			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	17	9	8						1	1		2	3	5	5	1					
14	Tuberculous meningitis	1		1						1	1											
15	Other forms of tuberculosis	4	3	1					1		1					2		1				
16	Cancer and other malignant tumors	6	2	4											1	2	1	1	1			
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	1		1													1					
19	Organic diseases of the heart	16	5	11		1					1		1	2	1		4	5	1	1		
20	Acute bronchitis	2	2			2					2											
21	Chronic bronchitis																					
22	Pneumonia	18	12	6		5	1	1			7			3	2	1	4		1			
23	Other diseases of the respiratory system (tuberculosis excepted)	11	7	4		4	5	1			10			1								
24	Diseases of the stomach (cancer excepted),	2	1	1		1					1						1					
25	Diarrhœa and enteritis (under 2 years)	38	14	24		29	9				38											
26	Appendicitis and typhlitis	2	2												1	1						
27	Hernia, intestinal obstruction	1	1									1										
28	Cirrhosis of the liver	3	3														1	1	1			
29	Acute nephritis and Bright's disease	7	2	5										1	2	1	1		1	1		
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1									1									
32	Other puerperal accidents of pregnancy and labor	1		1										1								
33	Congenital debility and malformations	26	17	9		26					26											
34	Senility	1		1																		
36	Suicide	5	4	1										1		2			2	1		
35	Violent deaths (suicide excepted)	10	8	2				1		1	2		2		2	3		1				
37	Other diseases	23	13	10		10		1	1		12		1	3	3	2	1		1			
38	Unknown or ill-defined diseases																					
	Total	207	111	96		81	18	5	2	3	109	2	7	17	17	21	14	9	8	3		

Estimated population, 15,108. Deaths excluding non-residents of State, 207. Rate per 1,000 population, 13.70.

TABLE 37A.—TABULATION OF DEATHS IN GARFIELD BOROUGH FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	8	6	2		3	2	3			8											
6	Scarlet fever																					
7	Whooping cough	4		4		2	1	1			4											
8	Diphtheria and croup	2	2				1				1	1										
9	Influenza	68	33	35		7	5	3		1	16	5	9	18	6	10	4					
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1	1			1					1											
13	Tuberculosis of the lungs	19	9	10								1	4	6	3	4	1					
14	Tuberculous meningitis	1	1						1		1											
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	4	1	3												1	3					
17	Simple meningitis	5	3	2		2	2	1			5											
18	Cerebral hæmorrhage and softening	4		4														2	2			
19	Organic diseases of the heart	12	4	8								1	1	2	1	1	3	1	2			
20	Acute bronchitis	1	1			1					1											
21	Chronic bronchitis																					
22	Pneumonia	42	21	21		7	5		1	1	14	1	3	11	11	1		1				
23	Other diseases of the respiratory system (tuberculosis excepted)	24	14	10		7	5		3	1	16	1	1	3		1	2					
24	Diseases of the stomach (cancer excepted),																					
25	Diarrhœa and enteritis (under 2 years)	27	20	7		23	4				27											
26	Appendicitis and typhlitis	1	1													1						
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver	1	1														1					
29	Acute nephritis and Bright's disease	12	9	3											1	2	2	5	2			
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	21	14	7		20		1			21											
34	Senility																					
36	Suicide																					
35	Violent deaths (suicide excepted)	10	5	5		1	1		1		3	2		2	2			1				
37	Other diseases	15	8	7		1	1				2	1		1	2	1	2	5	1			
38	Unknown or ill-defined diseases																					
	Total	282	154	128		75	27	9	6	3	120	13	18	43	26	22	18	15	7			

Estimated population, 15,787. Deaths excluding non-residents of State, 282. Rate per 1,000 population, 17.86.

TABLE 38.—TABULATION OF DEATHS IN HACKENSACK TOWN FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1											1								
2	Typhus fever																					
3	Malaria																					
4	Smallpox	1		1								1										
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup																					
9	Influenza	1		1																		
10	Asiatic cholera	1	1							1	1											
11	Cholera nostras																					
12	Other epidemic diseases																			1		
13	Tuberculosis of the lungs	1		1																		
14	Tuberculous meningitis	11	5	6	2											1						
15	Other forms of tuberculosis											1	4	1	5							
16	Cancer and other malignant tumors	1		1																		
17	Simple meningitis	15	9	6			1				1											
18	Cerebral hæmorrhage and softening	2	2																			
19	Organic diseases of the heart	25	9	16	1			1			1		1		1	2	6	5	1			
20	Acute bronchitis	32	17	15	1		1								1	1	6	6	6	4	1	
21	Chronic bronchitis	3	2	1							1		1		4	3	4	7	2	9	1	
22	Pneumonia	3	1	2														1		2		
23	Other diseases of the respiratory system (tuberculosis excepted)	26	14	12	2	4	3				7			1	1	3	1	4	3	1	1	
24	Diseases of the stomach (cancer excepted)	16	9	7	1	9														6		
25	Diarrhœa and enteritis (under 2 years)	1		1					1		10					1	1	1				
26	Appendicitis and typhlitis	6	4	2	2	5	1												1	2	1	
27	Hernia, intestinal obstruction	2	1	1							6											
28	Cirrhosis of the liver	3		3									1	1								
29	Acute nephritis and Bright's disease																					
30	Noncancerous tumors and other diseases of the female genital organs	19	10	9	1												1		2			
31	Puerperal septicæmia (puerperal fever, peritonitis)	3		3	1										3	2	2	5	4	3		
32	Other puerperal accidents of pregnancy and labor	1		1										1	1			1				
33	Congenital debility and malformations	2		2										1								
34	Senility	13	10	3		13																
36	Suicide	2		2							13			1	1							
35	Violent deaths (suicide excepted)	3	3																			
37	Other diseases	18	13	5	3													1		1		
38	Unknown or ill-defined diseases	34	16	18	4	6				1	1	1	1	7	1		1	1	1			
											6		1	1	4	4	3	2	2			
	Total	246	127	119	18	37	6	1	2	1	47	2	6	18	18	22	7	5	3	2	1	
																	32	39	27	30	5	

Estimated population, 17,412. Deaths excluding non-residents of State, 246. Rate per 1,000 population, 14.12.

TABLE 38A.—TABULATION OF DEATHS IN HACKENSACK TOWN FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	2	1	1									1	1								
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	1	1																			
6	Scarlet fever											1										
7	Whooping cough	3	1	2		1	1	1			3											
8	Diphtheria and croup	3	2	1				1			1	2										
9	Influenza	67	40	27	7	2	3		1	2	8	2	13	11	20	9	3	1				
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1	1																			
13	Tuberculosis of the lungs	10	5	5	2											1						
14	Tuberculous meningitis	2	1	1		2					2			3	2	3	1	1				
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	10	2	8												2	1	3	3	1		
17	Simple meningitis	4	2	2	2	1					1		2				1					
18	Cerebral hæmorrhage and softening	19	10	9												1	3	5	5	5		
19	Organic diseases of the heart	37	15	22	3			1			1		1	2	2	4	4	7	11	4	1	
20	Acute bronchitis																					
21	Chronic bronchitis	2		2															1		1	
22	Pneumonia	30	17	13	5		1				1	1	2	6	4	5	3	1	5	2		
23	Other diseases of the respiratory system (tuberculosis excepted)	19	12	7	2	7	4	2			13			2		1			2		1	
24	Diseases of the stomach (cancer excepted)	4	2	2		3	1				4											
25	Diarrhœa and enteritis (under 2 years)																					
26	Appendicitis and typhlitis	4	1	3	1	2					2		1	1								
27	Hernia, intestinal obstruction	2	1	1																		
28	Cirrhosis of the liver	18	11	7	1										2	2	4	5	3	2		
29	Acute nephritis and Bright's disease																					
30	Noncancerous tumors and other diseases of the female genital organs	2		2	1									1	1							
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	2		2										1		1						
33	Congenital debility and malformations	17	10	7	2	17					17											
34	Senility	2	1	1																		
36	Suicide	2		2																2		
35	Violent deaths (suicide excepted)	7	3	4	1					1	1		1		1	1		1				
37	Other diseases	30	16	14	2	4					4			3	3	6	7	3	3	1		
38	Unknown or ill-defined diseases	1		1	1	1					1											
	Total	301	155	146	30	40	10	5	1	3	59	6	20	31	36	36	31	27	33	19	3	

Estimated population, 17,879. Deaths excluding non-residents of State, 301. Rate per 1,000 population, 16.84.

TABLE 39.—TABULATION OF DEATHS IN RIDGEWOOD VILLAGE FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1		1										1								
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup																					
9	Influenza	1		1															1			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	2		2													1		1			
14	Tuberculous meningitis	8	6	2	1								3	2		1	1			1		
15	Other forms of tuberculosis	1		1						1	1											
16	Cancer and other malignant tumors																					
17	Simple meningitis	6	5	1												2	1	1	2			
18	Cerebral hæmorrhage and softening	11	5	6													2	3	5	1		
19	Organic diseases of the heart	14	11	3	2												2	5	7			
20	Acute bronchitis	1		1															1			
21	Chronic bronchitis																					
22	Pneumonia	14	6	8									1		3	3	2	1	4			
23	Other diseases of the respiratory system (tuberculosis excepted)	1		1															1			
24	Diseases of the stomach (cancer excepted),																					
25	Diarrhœa and enteritis (under 2 years)	1		1		1					1											
26	Appendicitis and typhlitis	2	1	1								1				1						
27	Hernia, intestinal obstruction	1	1												1							
28	Cirrhosis of the liver	1	1																			
29	Acute nephritis and Bright's disease	18	9	9										1			5	5	2	4	1	
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations																					
34	Senility																					
36	Suicide	1	1													1						
35	Violent deaths (suicide excepted)	10	7	3			1				1		2	1		1	1	2	2			
37	Other diseases	18	7	11		2					2		1	1	1	2	3	3	3	2		
38	Unknown or ill-defined diseases																					
	Total	112	60	52	3	3	1			1	5	1	7	6	5	11	18	21	29	8	1	

Estimated population, 7,409. Deaths excluding non-residents of State, 112. Rate per 1,000 population, 15.11.

TABLE 39A.—TABULATION OF DEATHS IN RIDGEWOOD VILLAGE FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	1		1			1				1											
8	Diphtheria and croup																					
9	Influenza	14	9	5	1								1	3	5	2	2	1				
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	4		4											3	1						
14	Tuberculous meningitis																					
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	4	2	2													1	1	2			
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	3		3														1	2			
19	Organic diseases of the heart	18	8	10										1		1	5		6	4	1	
20	Acute bronchitis	3	2	1															2		1	
21	Chronic bronchitis																					
22	Pneumonia	4	2	2																		
23	Other diseases of the respiratory system (tuberculosis excepted)	2	1	1		1					1					1			1	1		
24	Diseases of the stomach (cancer excepted),																		1			
25	Diarrhœa and enteritis (under 2 years)	1	1			1					1											
26	Appendicitis and typhlitis	1	1														1					
27	Hernia, intestinal obstruction	2	2			1					1						1					
28	Cirrhosis of the liver	1	1														1					
29	Acute nephritis and Bright's disease	8	6	2												1		4	3			
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	1		1										1								
33	Congenital debility and malformations	2		2		2					2											
34	Senility	1		1																1		
36	Suicide	1	1														1					
35	Violent deaths (suicide excepted)	1		1		1					1											
37	Other diseases	10	5	5	2										1	2		5	1	1		
38	Unknown or ill-defined diseases																					
	Total	82	41	41	3	6	1				7		2	5	9	8	12	12	18	7	2	

Estimated population, 7,686. Deaths excluding non-residents of State, 82. Rate per 1,000 population, 10.67.

TABLE 40.—TABULATION OF DEATHS IN RUTHERFORD BOROUGH FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	2	1	1												1	2	2	3			
2	Typhus fever											1										
3	Malaria																3	2	1	1		
4	Smallpox																					
5	Measles													1	2	2		5	4	4		
6	Scarlet fever																					
7	Whooping cough	1		1		1					1			1			4	2	4			
8	Diphtheria and croup	1		1																		
9	Influenza	1		1													1		1			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	8	4	4												1	2	2	2	3		
14	Tuberculous meningitis	1		1		1					1											
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	8	1	7	1																	
17	Simple meningitis	1		1											1	1	1					
18	Cerebral hæmorrhage and softening	7	3	4										1								
19	Organic diseases of the heart	18	11	7	2																	
20	Acute bronchitis													1								
21	Chronic bronchitis																					
22	Pneumonia	13	8	5		2					2											
23	Other diseases of the respiratory system (tuberculosis excepted)	4	2	2	1	2					2									1		
24	Diseases of the stomach (cancer excepted),																					
25	Diarrhœa and enteritis (under 2 years)											1			1	2				1		
26	Appendicitis and typhlitis											1				3	3	4	1	1		
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	10	5	5								3	1	6	5	15	17	18	16	11		
30	Noncancerous tumors and other diseases of the female genital organs	3		3	1									1		1						
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1																		
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	2	2			2					2											
34	Senility	1	1																			
36	Suicide																1					
35	Violent deaths (suicide excepted)	5	4	1														1				
37	Other diseases	16	11	5	1	2		1			3											
38	Unknown or ill-defined diseases																					
	Total	103	53	50	6	10		1			11		1	2	1	4						

Estimated population, 8,967. Deaths excluding non-residents of State, 103. Rate per 1,000 population, 11.48.

TABLE 40A.—TABULATION OF DEATHS IN RUTHERFORD BOROUGH FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup	2		2		1		1			2											
9	Influenza																					
10	Asiatic cholera	20	12	8	1								3	11	1	1	2	2				
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	6	1	5																		
14	Tuberculous meningitis	1	1											2				4				
15	Other forms of tuberculosis	1	1												1							
16	Cancer and other malignant tumors	8	5	3				1			1											
17	Simple meningitis	1		1									1				1	1	4	1		
18	Cerebral hæmorrhage and softening	13	6	7	1	1					1											
19	Organic diseases of the heart	22	11	11											1	2	2	3	3			
20	Acute bronchitis											2	1			1	3	8	5	1	1	
21	Chronic bronchitis	1		1																		
22	Pneumonia	7	5	2			1			1	2				1		2	1			1	
23	Other diseases of the respiratory system (tuberculosis excepted)																					
24	Diseases of the stomach (cancer excepted),																					
25	Diarrhœa and enteritis (under 2 years)																					
26	Appendicitis and typhlitis																					
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver	2		2																		
29	Acute nephritis and Bright's disease	10	4	6										1	1	1	1	1	4	2		
30	Noncancerous tumors and other diseases of the female genital organs	1		1											1							
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	1		1											1							
33	Congenital debility and malformations	1		1		1					1									1		
34	Senility	1	1																			
36	Suicide	2		2									1				1					
35	Violent deaths (suicide excepted)	4	2	2		1	1				2			1	1							
37	Other diseases	13	6	7		1					1			1	2	1	3	2	1	2		
38	Unknown or ill-defined diseases																					
	Total	117	55	62	2	5	2	2		1	10	2	6	16	10	6	16	21	17	11	2	

Estimated population, 9,234. Deaths excluding non-residents of State, 117. Rate per 1,000 population, 12.67.

TABLE 41.—TABULATION OF DEATHS IN BURLINGTON CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	3		3		3					3											
8	Diphtheria and croup	3	1	2				2	1		3											
9	Influenza																					
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1	1			1					1											
13	Tuberculosis of the lungs	14	9	5	2									5	3	4	2					
14	Tuberculous meningitis																					
15	Other forms of tuberculosis	1		1								1										
16	Cancer and other malignant tumors	11	5	6	1								1			1	3	2	3	1		
17	Simple meningitis	2	1	1		1		1			2											
18	Cerebral hæmorrhage and softening	12	5	7	1												1	4	5	2		
19	Organic diseases of the heart	15	9	6	1							1		1	1	1	2	3	5		1	
20	Acute bronchitis	3	1	2		1					1							1		1		
21	Chronic bronchitis	1		1															1			
22	Pneumonia	15	9	6		6					6		1	1	1	1	2	1	1	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	7	4	3	1	5	1				6									1		
24	Diseases of the stomach (cancer excepted),	3	3			1					1							1	1			
25	Diarrhœa and enteritis (under 2 years)	7	1	6		4	3				7											
26	Appendicitis and typhlitis																					
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver	2	2														1	1				
29	Acute nephritis and Bright's disease	13	6	7	2												2	3	1	4	3	
30	Noncancerous tumors and other diseases of the female genital organs	1		1														1				
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	3		3										1	1	1						
33	Congenital debility and malformations	11	4	7		11					11											
34	Senility	3	2	1																2	1	
36	Suicide	3	2	1												1		1	1			
35	Violent deaths (suicide excepted)	7	4	3			1		1		2		1			3				1		
37	Other diseases	12	6	6									1	1	1		3	3	1	2		
38	Unknown or ill-defined diseases																					
	Total	153	75	78	8	33	5	3	2		43	2	4	9	11	11	19	17	21	14	2	

Estimated population, 9,024. Deaths excluding non-residents of State, 153. Rate per 1,000 population, 15.84.

TABLE 41A.—TABULATION OF DEATHS IN BURLINGTON CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup	2		2		1	1				2											
9	Influenza	1		1								1										
10	Asiatic cholera	72	39	33	10	3	1	4	2	3	13	5	3	12	27	5	5	1	1			
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs																					
14	Tuberculous meningitis	19	10	9	4																	
15	Other forms of tuberculosis	1		1										2	3	7	4	2	1			
16	Cancer and other malignant tumors	1		1			1				1											
17	Simple meningitis	9	3	6																		
18	Cerebral hæmorrhage and softening																1					
19	Organic diseases of the heart	11	5	6	3											3	3	1	1	1		
20	Acute bronchitis	24	14	10	3																	
21	Chronic bronchitis	5	1	4									1	1	3	1	2	3	3	2		
22	Pneumonia	1	1			3	1	1			5					1	2	6	7	3		
23	Other diseases of the respiratory system (tuberculosis excepted)	32	16	16	7	9	1				1											
24	Diseases of the stomach (cancer excepted),	26	16	10	2	3	5	1			14		4	2	5	2	2	1	1	1		
25	Diarrhœa and enteritis (under 2 years)	3	1	2																		
26	Appendicitis and typhlitis	8	4	4		7	1				9	1		3	6	3	1	1	1	1		
27	Hernia, intestinal obstruction																	1	2			
28	Cirrhosis of the liver	2	2								8											
29	Acute nephritis and Bright's disease																					
30	Noncancerous tumors and other diseases of the female genital organs	17	9	8	4											1		1				
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1										4		2	4	4	2	1		
32	Other puerperal accidents of pregnancy and labor																	1				
33	Congenital debility and malformations	2		2																		
34	Senility	2	2		1	2							1				1					
36	Suicide	1		1							2											
35	Violent deaths (suicide excepted)	1	1																	1		
37	Other diseases	11	10	1				2			2	1	1		1							
38	Unknown or ill-defined diseases	13	6	7									1	2	1	2		1				
	Total	265	140	125	34	28	16	8	2	3	57	8	12	28	52	24	26	25	22	11		

Estimated population, 9,120. Deaths excluding non-residents of State, 265. Rate per 1,000 population, 29.06.

TABLE 42.—TABULATION OF DEATHS IN CAMDEN CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	14	11	3	.....	.....	.....	.....	.....	1	1	.....	5	6	2	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Measles	12	2	10	.....	3	4	3	.....	2	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Scarlet fever	1	1	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Whooping cough	11	5	6	3	7	4	.....	.....	.....	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Diphtheria and croup	29	18	11	.....	4	6	8	4	1	23	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	Influenza	18	5	13	.....	2	2	.....	.....	.....	4	.....	2	1	1	1	2	3	2	1	1	.....
10	Asiatic cholera	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	Cholera nostras	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Other epidemic diseases	4	2	2	.....	1	.....	1	.....	.....	2	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
13	Tuberculosis of the lungs	172	97	75	33	2	2	.....	2	.....	6	2	13	37	51	32	18	10	2	1	.....	.....
14	Tuberculous meningitis	4	3	1	.....	1	2	.....	.....	.....	3	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
15	Other forms of tuberculosis	12	9	3	5	1	.....	.....	1	.....	2	1	1	2	2	1	1	1	1	.....	.....	.....
16	Cancer and other malignant tumors	111	56	55	5	.....	.....	.....	.....	.....	.....	1	.....	1	5	25	32	28	15	3	1	.....
17	Simple meningitis	8	4	4	1	2	1	1	.....	1	5	1	.....	.....	.....	2	.....	.....	.....	.....	.....	.....
18	Cerebral hæmorrhage and softening	122	56	66	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	4	27	34	31	23	.....	.....
19	Organic diseases of the heart	227	109	118	20	11	1	.....	2	.....	14	2	8	10	17	24	24	47	57	24	.....	.....
20	Acute bronchitis	2	.....	2	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
21	Chronic bronchitis	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	.....
22	Pneumonia	214	126	88	44	43	15	4	3	1	66	7	7	18	20	18	22	20	21	5	1	.....
23	Other diseases of the respiratory system (tuberculosis excepted)	105	60	45	17	37	14	4	.....	1	56	3	.....	2	8	6	5	13	7	5	.....	.....
24	Diseases of the stomach (cancer excepted),	15	6	9	3	2	.....	1	.....	.....	3	.....	1	.....	3	3	2	2	.....	1	.....	.....
25	Diarrhœa and enteritis (under 2 years)	138	84	54	18	124	14	.....	.....	.....	138	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	Appendicitis and typhlitis	10	7	3	1	.....	.....	.....	.....	.....	.....	.....	1	6	1	1	.....	1	.....	.....	.....	.....
27	Hernia, intestinal obstruction	13	4	9	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	3	3	1	.....	.....	.....
28	Cirrhosis of the liver	17	10	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	6	3	1	5	.....	.....	.....
29	Acute nephritis and Bright's disease	199	114	85	22	4	.....	2	.....	1	7	1	7	5	9	25	35	42	42	24	2	.....
30	Noncancerous tumors and other diseases of the female genital organs	8	.....	8	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	3	3	.....	.....	.....	.....	.....
31	Puerperal septicæmia (puerperal fever, peritonitis)	14	.....	14	1	.....	.....	.....	.....	.....	.....	.....	.....	8	5	1	.....	.....	.....	.....	.....	.....
32	Other puerperal accidents of pregnancy and labor	7	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	3	.....	.....	.....	.....	.....	.....	.....
33	Congenital debility and malformations	108	64	44	10	108	.....	.....	.....	.....	108	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
34	Senility	14	9	5	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	4	6	2	.....
36	Suicide	16	11	5	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	8	5	.....	.....	.....	.....	.....
35	Violent deaths (suicide excepted)	90	67	23	8	1	2	1	1	1	6	8	19	9	10	9	10	11	3	4	1	.....
37	Other diseases	227	125	102	21	26	2	1	1	3	33	7	12	15	20	24	36	40	25	10	5	.....
38	Unknown or ill-defined diseases	3	3	.....	.....	2	1	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Total	1948	1072	876	229	382	71	26	14	12	505	39	77	126	174	198	228	260	219	109	13	.....

Estimated population, 108,117. Deaths excluding non-residents of State, 1,948. Rate per 1,000 population, 18.01.

TABLE 42A.—TABULATION OF DEATHS IN CAMDEN CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	9	6	3	.....	.....	.....	.....	.....	.....	.....	.....	5	2	1	.....	.....	1	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Measles	17	10	7	1	6	7	1	2	.....	16	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
6	Scarlet fever	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Whooping cough	36	12	24	2	11	11	4	4	2	32	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Diphtheria and croup	21	10	11	1	3	1	3	1	4	12	6	1	2	.....	.....	1	.....	.....	.....	.....	.....
9	Influenza	703	388	315	44	21	41	19	18	9	108	33	58	210	205	50	17	15	4	3	.....	.....
10	Asiatic cholera	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	Cholera nostras	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Other epidemic diseases	4	3	1	.....	2	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Tuberculosis of the lungs	178	102	76	27	1	1	.....	1	.....	3	1	25	42	37	40	12	12	5	1	.....	.....
14	Tuberculous meningitis	9	6	3	.....	1	2	.....	1	.....	4	.....	2	1	1	.....	.....	1	.....	.....	.....	.....
15	Other forms of tuberculosis	11	8	3	1	1	.....	.....	.....	.....	1	2	1	1	1	2	2	1	.....	.....	.....	.....
16	Cancer and other malignant tumors	93	37	56	4	.....	.....	.....	.....	.....	.....	.....	.....	2	8	21	25	19	13	5	.....	.....
17	Simple meningitis	17	8	9	.....	8	1	2	.....	1	12	2	1	2	.....	.....	.....	.....	.....	.....	.....	.....
18	Cerebral hæmorrhage and softening	88	46	42	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	7	18	28	20	12	1	.....
19	Organic diseases of the heart	252	123	129	22	6	1	.....	.....	.....	7	3	14	16	25	30	28	43	60	23	3	.....
20	Acute bronchitis	9	3	6	3	2	1	3	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....
21	Chronic bronchitis	7	2	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	1	.....	3	1	.....
22	Pneumonia	570	310	260	66	82	44	19	16	12	173	27	37	113	98	43	33	27	14	5	.....	.....
23	Other diseases of the respiratory system (tuberculosis excepted)	174	95	79	19	44	22	11	11	1	89	2	9	16	19	10	4	13	9	2	1	.....
24	Diseases of the stomach (cancer excepted),	10	7	3	3	.....	.....	.....	.....	.....	.....	.....	.....	1	2	2	3	.....	2	.....	.....	.....
25	Diarrhœa and enteritis (under 2 years)	145	78	67	22	123	22	.....	.....	.....	145	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	Appendicitis and typhlitis	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	Hernia, intestinal obstruction	14	9	5	1	1	1	.....	.....	.....	2	.....	.....	2	1	2	5	2	.....	.....	.....	.....
28	Cirrhosis of the liver	12	7	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1	3	2	3	.....	.....	.....
29	Acute nephritis and Bright's disease	177	99	78	27	3	1	.....	.....	1	5	1	4	6	8	24	31	36	40	20	2	.....
30	Noncancerous tumors and other diseases of the female genital organs	7	.....	7	1	.....	.....	.....	.....	.....	.....	.....	.....	3	1	1	1	.....	1	.....	.....	.....
31	Puerperal septicæmia (puerperal fever, peritonitis)	8	.....	8	1	.....	.....	.....	.....	.....	.....	.....	.....	6	2	.....	.....	.....	.....	.....	.....	.....
32	Other puerperal accidents of pregnancy and labor	18	.....	18	3	.....	.....	.....	.....	.....	.....	.....	.....	3	11	4	.....	.....	.....	.....	.....	.....
33	Congenital debility and malformations	122	68	54	10	119	3	.....	.....	.....	122	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
34	Senility	17	6	11	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	10	3	2	.....
36	Suicide	10	4	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	3	2	.....	2	.....	.....	.....	.....
35	Violent deaths (suicide excepted)	138	103	35	11	4	6	3	3	4	20	7	18	16	16	18	11	15	11	5	1	.....
37	Other diseases	209	114	95	22	26	2	9	5	3	45	9	7	16	15	27	32	26	20	11	1	.....
38	Unknown or ill-defined diseases	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Total	3088	1666	1422	304	464	167	74	62	37	804	96	185	462	460	284	225	249	219	93	11	.....

Estimated population, 110,001. Deaths excluding non-residents of State, 3,088. Rate per 1,000 population, 28.07.

TABLE 43.— TABULATION OF DEATHS IN GLOUCESTER CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1												1							
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	3		3		1	1		1		3											
8	Diphtheria and croup																					
9	Influenza	3	1	2				1			1			1					1			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	18	12	6		1					1		2	2	6	4	1	1	1			
14	Tuberculous meningitis																					
15	Other forms of tuberculosis	1	1																			
16	Cancer and other malignant tumors	7	3	4												1						
17	Simple meningitis	1		1												1	1	2	3			
18	Cerebral hæmorrhage and softening	16	7	9								1					2	5	6	3		
19	Organic diseases of the heart	13	8	5								1		1	1	1	1	4	4			
20	Acute bronchitis	1	1			1					1											
21	Chronic bronchitis																					
22	Pneumonia	17	10	7		2	1				3		1	1	2	3	5	2				
23	Other diseases of the respiratory system (tuberculosis excepted)	16	10	6		8	3	1			13						2		1		1	
24	Diseases of the stomach (cancer excepted),	1		1												1						
25	Diarrhœa and enteritis (under 2 years)	15	8	7		14	1				15											
26	Appendicitis and typhlitis																					
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	14	6	8											1	3	3	2	5			
30	Noncancerous tumors and other diseases o the female genital organs	1		1												1						
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1											1							
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	8	6	2		8					8								1			
34	Senility	1		1													1					
36	Suicide	1	1																			
35	Violent deaths (suicide excepted)	11	10	1		1					1	2	1		2	2	1	2				
37	Other diseases	23	14	9		4		1			5				2	2	4	5	3	1	1	
38	Unknown or ill-defined diseases																					
	Total	173	99	74		39	7	3	1		50	4	4	5	16	19	21	23	25	4	2	

Estimated population, 11,375. Deaths excluding non-residents of State, 173. Rate per 1,000 population, 15.20.

TABLE 43A.—TABULATION OF DEATHS IN GLOUCESTER CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	2	1	1								1				1						
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever	2		2			2				2											
7	Whooping cough																					
8	Diphtheria and croup	8	3	5		4	2		1	1	8											
9	Influenza	3		3			1	1	1		3											
10	Asiatic cholera	106	49	57		7	2	3	3		15	5	4	36	26	9	5	4	1	1		
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	8	4	4																		
14	Tuberculous meningitis												2	2	1		2		1			
15	Other forms of tuberculosis	1	1																			
16	Cancer and other malignant tumors	10	4	6										1								
17	Simple meningitis														1	4	4	1				
18	Cerebral hæmorrhage and softening	16	9	7																		
19	Organic diseases of the heart	27	10	17			1				1		2		2	3	3	8	5	3		
20	Acute bronchitis	2	1	1		1					1								1			
21	Chronic bronchitis																					
22	Pneumonia	27	11	16		2	1	2			5		1	4	8	3	4	1	1			
23	Other diseases of the respiratory system (tuberculosis excepted)	18	9	9		5	3				8	1		1	1	2	1		3	1		
24	Diseases of the stomach (cancer excepted),	4	2	2					1		1				1				2			
25	Diarrhœa and enteritis (under 2 years)	15	9	6		14	1				15											
26	Appendicitis and typhlitis																					
27	Hernia, intestinal obstruction	1	1																			
28	Cirrhosis of the liver	2	2															1				
29	Acute nephritis and Bright's disease	19	12	7												3	1	1				
30	Noncancerous tumors and other diseases o the female genital organs																4	3	6	3		
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	9	6	3		9					9											
34	Senility																					
36	Suicide																					
35	Violent deaths (suicide excepted)	13	10	3		1	1			1	3		1		1	1	4	1	1	1		
37	Other diseases	21	13	8		3	1				4			1	1	4	4	4	1	2		
38	Unknown or ill-defined diseases																					
	Total	314	157	157		46	15	6	5	2	74	7	10	46	42	30	33	31	29	12		

Estimated population, 11,641. Deaths excluding non-residents of State, 314. Rate per 1,000 population, 26.97.

TABLE 44.—TABULATION OF DEATHS IN BRIDGETON CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1											1								
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	1		1			1				1											
6	Scarlet fever	1		1								1										
7	Whooping cough	2	1	1		1		1			2											
8	Diphtheria and croup	3	2	1				1			1	1	1									
9	Influenza	2	1	1		1					1								1			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1		1			1				1											
13	Tuberculosis of the lungs	13	4	9										2	7	2	1		1			
14	Tuberculous meningitis	2	1	1			1				1	1										
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	16	6	10											1	2	3	3	5	2		
17	Simple meningitis	1	1									1										
18	Cerebral hæmorrhage and softening	21	9	12												3	3	5	2	6	2	
19	Organic diseases of the heart	30	19	11	5									1	2	2	3	4	4	11	3	
20	Acute bronchitis	2		2			1				1								1			
21	Chronic bronchitis																					
22	Pneumonia	28	14	14		5	2	2	1		10			1	2	1	3	1	5	5		
23	Other diseases of the respiratory system (tuberculosis excepted)	5	2	3	2	2	1				3						1		1			
24	Diseases of the stomach (cancer excepted),	7	1	6	1	1			1		2					1	1	2	1			
25	Diarrhœa and enteritis (under 2 years)	4	2	2	2	4					4											
26	Appendicitis and typhlitis																					
27	Hernia, intestinal obstruction	3	3													1		1			1	
28	Cirrhosis of the liver	1		1														1				
29	Acute nephritis and Bright's disease	28	9	19	2										2	2	2	5	12	5		
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	2		2										2								
33	Congenital debility and malformations	16	9	7		13	2		1		16											
34	Senility	1	1															1				
36	Suicide	1	1															1				
35	Violent deaths (suicide excepted)	12	7	5	1	3	1				4		1	3			1	1	1	1		
37	Other diseases	42	24	18		2	1				3		1	4	4	1	3	12	5	7	2	
38	Unknown or ill-defined diseases																					
	Total	246	118	128	13	32	11	4	3		50	4	6	20	14	4	22	39	43	29	5	

Estimated population, 14,425. Deaths excluding non-residents of State, 246. Rate per 1,000 population, 17.05.

TABLE 44A.—TABULATION OF DEATHS IN BRIDGETON CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	10	9	1	2					1	1	1		4	3		1					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	3	3		1	1	1		1		3											
6	Scarlet fever																					
7	Whooping cough	5	3	2	1	1	3				4	1										
8	Diphtheria and croup	4	2	2								3	1									
9	Influenza	93	51	42	7	8	2	1	1		12	1	14	30	20	6	5	3	2			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	2	1	1		1					1											
13	Tuberculosis of the lungs	24	9	15	4								3	6	3	4	3	3	1			
14	Tuberculous meningitis																					
15	Other forms of tuberculosis	2	1	1									1									
16	Cancer and other malignant tumors	16	7	9	3										1	3	5	3	2	2		
17	Simple meningitis	1		1																		
18	Cerebral hæmorrhage and softening	28	13	15	2	1					1					2	1	8	11	6		
19	Organic diseases of the heart	47	23	24	2	1	1				2			1	5	6	3	11	11	8		
20	Acute bronchitis																					
21	Chronic bronchitis																					
22	Pneumonia	39	18	21	5	5	2				7	1	6	9	3	5	2	2	3	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	18	10	8	1	2		2		1	5		1	1	3		1	4	2	1		
24	Diseases of the stomach (cancer excepted),	2	1	1			1				1						1					
25	Diarrhœa and enteritis (under 2 years)	6	2	4	3	6					6											
26	Appendicitis and typhlitis	2	2										2									
27	Hernia, intestinal obstruction	1	1																			
28	Cirrhosis of the liver																	1				
29	Acute nephritis and Bright's disease	24	11	13	1								1	1	2	2	1	7	5	4	1	
30	Noncancerous tumors and other diseases of the female genital organs	1		1											1							
31	Puerperal septicæmia (puerperal fever, peritonitis)	2		2	1								1	1								
32	Other puerperal accidents of pregnancy and labor	3		3										2	1							
33	Congenital debility and malformations	13	8	5	1	12	1				13											
34	Senility	4		4														1		3		
36	Suicide																					
35	Violent deaths (suicide excepted)	16	6	10								1	1	1	1	1	1	3	2	4	1	
37	Other diseases	51	29	22	1	6	1				7	1	1	1	2	4	8	8	12	4	3	
38	Unknown or ill-defined diseases																					
	Total	417	210	207	35	44	12	3	2	2	63	9	32	57	45	33	32	54	53	34	5	

Estimated population, 14,455. Deaths excluding non-residents of State, 417. Rate per 1,000 population, 28.85.

TABLE 45.—TABULATION OF DEATHS IN MILLVILLE CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	1	1				1				1											
6	Scarlet fever																					
7	Whooping cough	4	2	2		2	2				4											
8	Diphtheria and croup	3	2	1				2			2	1										
9	Influenza	3	2	1										1		1		1				
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	16	5	11	1								3	3	1	2	5	2				
14	Tuberculous meningitis																					
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	12	3	9												1	3	2	3	3		
17	Simple meningitis	3	1	2			2				2		1									
18	Cerebral hæmorrhage and softening	17	9	8														4	10	1	2	
19	Organic diseases of the heart	17	11	6												1	3	4	7	2		
20	Acute bronchitis	1		1		1					1							1				
21	Chronic bronchitis	1		1																		
22	Pneumonia	12	7	5		1				1	2		1		1	2	3		2	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	10	7	3		5					5	1	1	1				1	1			
24	Diseases of the stomach (cancer excepted),	2	1	1			1				1							1				
25	Diarrhœa and enteritis (under 2 years)	8	3	5		6	2				8											
26	Appendicitis and typhlitis	4	3	1									2			2						
27	Hernia, intestinal obstruction	4	1	3											1			2	1			
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	16	7	9									2		1	3	2	3	3	2		
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	2		2										1	1							
33	Congenital debility and malformations	9	3	6		9					9											
34	Senility	1		1																1		
36	Suicide	2	2													1		1				
35	Violent deaths (suicide excepted)	26	19	7	1	1				2	3	2	3		5	4	3	2	1	3		
37	Other diseases	34	16	18	2	4		2			6	1		1	4	2	3	6	8	3		
38	Unknown or ill-defined diseases																					
	Total	208	105	103	4	29	8	4	1	2	44	5	13	7	14	19	22	30	36	16	2	

Estimated population, 13,813. Deaths excluding non-residents of State, 208. Rate per 1,000 population, 15.05.

TABLE 45A.—TABULATION OF DEATHS IN MILLVILLE CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1		1											1							
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	1	1			1					1											
6	Scarlet fever	1		1									1									
7	Whooping cough	4	1	3			1	1		2	4											
8	Diphtheria and croup																					
9	Influenza	101	51	50	2	3	4	1	1		9	4	12	35	29	5	3	2	1	1		
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	17	8	9	1								1	8	3	2	1	2				
14	Tuberculous meningitis																					
15	Other forms of tuberculosis	1	1													1						
16	Cancer and other malignant tumors	14	4	10										1	1	2	4	4	1	1		
17	Simple meningitis	1		1											1							
18	Cerebral hæmorrhage and softening	22	15	7									1	2			4	4	6	5		
19	Organic diseases of the heart	31	17	14	1								1	2		4	3	6	8	5	2	
20	Acute bronchitis	2		2		2					2											
21	Chronic bronchitis																					
22	Pneumonia	17	9	8		1	1	1		1	4		2		2	2	2	2	3			
23	Other diseases of the respiratory system (tuberculosis excepted)	20	12	8		4	2				6		1	8	2	1		1	1			
24	Diseases of the stomach (cancer excepted),	4	2	2										1				3				
25	Diarrhœa and enteritis (under 2 years)	6	5	1		6					6											
26	Appendicitis and typhlitis	1		1										1								
27	Hernia, intestinal obstruction	2		2														1	1			
28	Cirrhosis of the liver	3	3															1	2			
29	Acute nephritis and Bright's disease	13	8	5									2			1	1	3	4	2		
30	Noncancerous tumors and other diseases of the female genital organs	2		2										1				1				
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	1		1									1									
33	Congenital debility and malformations	12	9	3		12					12											
34	Senility	2	2																2			
36	Suicide	4	2	2										2		2						
35	Violent deaths (suicide excepted)	9	7	2		1					1		3		1	1		2	1			
37	Other diseases	38	13	25	2	1	1	3	1		6	1	1	3	2	5	6	6	4	3	1	
38	Unknown or ill-defined diseases																					
	Total	330	170	160	6	31	9	6	2	3	51	5	26	64	42	26	26	39	31	17	3	

Estimated population, 14,002. Deaths excluding non-residents of State, 330. Rate per 1,000 population, 23.57.

TABLE 46.—TABULATION OF DEATHS IN VINELAND BOROUGH FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1		1								1										
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	1	1			1					1											
8	Diphtheria and croup																					
9	Influenza	3	2	1															1		2	
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	9	5	4									1	1	4	2			1			
14	Tuberculous meningitis	1		1								1										
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	8		8											1		2	4		1		
17	Simple meningitis	3	2	1		1					1	1	1									
18	Cerebral hæmorrhage and softening	4	1	3											1	1			2			
19	Organic diseases of the heart	11	6	5											1	1		3	2	4		
20	Acute bronchitis																					
21	Chronic bronchitis																					
22	Pneumonia	13	9	4		2		1		1	4	1	1	1		1	2	1	1	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	6	2	4	1	1		1			2						1			3		
24	Diseases of the stomach (cancer excepted),	3	2	1		2					2						1					
25	Diarrhœa and enteritis (under 2 years)	2	1	1		2					2											
26	Appendicitis and typhlitis	2	2										1							1		
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver	1	1																	1		
29	Acute nephritis and Bright's disease	7	3	4											1		2		3	1		
30	Noncancerous tumors and other diseases o the female genital organs																					
31	Puerperal septicæmia (puerperal feve peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	3		3										1	2							
33	Congenital debility and malformations	4	2	2		4					4											
34	Senility																					
36	Suicide																					
35	Violent deaths (suicide excepted)	4	3	1												1		1	1	1		
37	Other diseases	20	9	11		1					1		1		1	3	3	1	4	4	2	
38	Unknown or ill-defined diseases																					
	Total	106	51	55	1	14		2		1	17	4	5	3	11	9	11	11	14	19	2	

Estimated population, 5,947. Deaths excluding non-residents of State, 106. Rate per 1,000 population, 17.82.

TABLE 46A.—TABULATION OF DEATHS IN VINELAND BOROUGH FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	2	1	1		1				1	2											
6	Scarlet fever	1	1										1									
7	Whooping cough	3	1	2		2				1	3											
8	Diphtheria and croup																					
9	Influenza	45	29	16		1	4	1			6	4	7	15	7	2	2		2			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases													3	1	3	2	1				
13	Tuberculosis of the lungs	10	4	6	1																	
14	Tuberculous meningitis																					
15	Other forms of tuberculosis															1	1	6			1	
16	Cancer and other malignant tumors	9	3	6																		
17	Simple meningitis																2		2	2		
18	Cerebral hæmorrhage and softening	6	3	3										1	1	1	5	1	5			
19	Organic diseases of the heart	14	8	6	1																	
20	Acute bronchitis																					
21	Chronic bronchitis																					
22	Pneumonia	40	22	18		2	1	3	1		7		5	9	5	5	1	4	2	2		
23	Other diseases of the respiratory system (tuberculosis excepted)	14	4	10	2	3					3		1	2	2	1				1		
24	Diseases of the stomach (cancer excepted),	1		1															3	2		
25	Diarrhœa and enteritis (under 2 years)	2	2			2					2											
26	Appendicitis and typhlitis	1	1							1	1											
27	Hernia, intestinal obstruction														1							
28	Cirrhosis of the liver	1	1									2		1	1	1		1	5	3		
29	Acute nephritis and Bright's disease	14	9	5	1																	
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	1		1												1						
33	Congenital debility and malformations	2	2			2					2											
34	Senility																					
36	Suicide	3	3												1		1	1				
35	Violent deaths (suicide excepted)	12	10	2								2	4	1	1	1	2			1		
37	Other diseases	17	10	7											1	3	4	2	3	3	1	
38	Unknown or ill-defined diseases																					
	Total	198	114	84	5	13	5	4	3	1	26	8	18	32	21	19	20	16	22	14	2	

Estimated population, 6,039. Deaths excluding non-residents of State, 198. Rate per 1,000 population, 32.79.

TABLE 47.—TABULATION OF DEATHS IN BLOOMFIELD TOWN FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup	3	2	1		1	1			1	3											
9	Influenza																					
10	Asiatic cholera	1		1										1								
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	24	17	7	3																	
14	Tuberculous meningitis													7	5	5	4	3				
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	1	1									1										
17	Simple meningitis	14	4	10								1			1	1		6	5			
18	Cerebral hæmorrhage and softening	2	1	1			1	1			2											
19	Organic diseases of the heart	22	10	12											1	2	3	4	6	4	2	
20	Acute bronchitis	42	18	24								2	2	1	1	4	5	8	15	2	2	
21	Chronic bronchitis	3	1	2	1	1			1		2								1			
22	Pneumonia	1	1																			
23	Other diseases of the respiratory system (tuberculosis excepted)	20	16	4	3	2		1			3	1		1	5	4	4	2		1		
24	Diseases of the stomach (cancer excepted)	11	6	5	1	2	1			1	4		1		2			1		3		
25	Diarrhœa and enteritis (under 2 years)	2	1	1													1					
26	Appendicitis and typhlitis	12	7	5		11	1				12				1							
27	Hernia, intestinal obstruction	1	1														1					
28	Cirrhosis of the liver	4	2	2		1					1						1					
29	Acute nephritis and Bright's disease	3	1	2													1			2		
30	Noncancerous tumors and other diseases of the female genital organs	33	17	16	3											1	1	1				
31	Puerperal septicæmia (puerperal fever, peritonitis)	3		3										2		1						
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	17	10	7	1	17					17											
34	Senility	7	4	3																		
35	Suicide	2	2																	5	2	
36	Violent deaths (suicide excepted)	13	6	7	1		3				3	2	1		1	4		1	1			
37	Other diseases	40	21	19	3	7	1			1	9	4		3	2	4	7	5	2	3	1	
38	Unknown or ill-defined diseases																					
	Total	281	149	132	16	42	8	2	2	2	56	11	4	15	19	32	33	37	38	27	9	

Estimated population, 19,013. Deaths excluding non-residents of State, 281. Rate per 1,000 population, 14.77.

TABLE 47A.—TABULATION OF DEATHS IN BLOOMFIELD TOWN FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	8	2	6		1	2	5			8											
6	Scarlet fever	2	1	1								2										
7	Whooping cough	10	7	3	3	5	4	1			10											
8	Diphtheria and croup	9	5	4		1	2		1	1	5	3	1									
9	Influenza	54	30	24	1		2	1			3	4	2	17	20	7	1					
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	19	15	4	1								1	7	4	3	2	1	1			
14	Tuberculous meningitis	2	1	1								2										
15	Other forms of tuberculosis	1		1		1					1											
16	Cancer and other malignant tumors	7	4	3												1	3	2	1			
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	16	9	7	1							1			2		4	4	1	4		
19	Organic diseases of the heart	39	21	18	1				1	1	2		1	1	2	2	5	10	11	3	2	
20	Acute bronchitis	1	1			1					1											
21	Chronic bronchitis																					
22	Pneumonia	46	27	19	4	3	2				5	1	7	4	18	6	2	1	2			
23	Other diseases of the respiratory system (tuberculosis excepted)	12	5	7		2	4	1			7		1		1	2		1				
24	Diseases of the stomach (cancer excepted)																					
25	Diarrhœa and enteritis (under 2 years)	18	9	9	1	15	3				18											
26	Appendicitis and typhlitis	2	2						1		1				1							
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver	2	2													1	1					
29	Acute nephritis and Bright's disease	22	13	9										1	1	3	3	4	7	3		
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	3		3										3								
34	Senility	11	4	7		11					11											
35	Suicide	5		5															3	1	1	
36	Violent deaths (suicide excepted)	4	4													3				1		
37	Other diseases	21	12	9	1	1		1	1		3	2	1	1	1	3	3	2	3	2		
38	Unknown or ill-defined diseases	30	17	13	2	2					2		3	2	2	2	6	5	4	2	2	
	Total	344	191	153	15	43	19	9	4	2	77	15	17	36	52	33	30	30	33	16	5	

Estimated population, 19,560. Deaths excluding non-residents of State, 344. Rate per 1,000 population, 17.59.

TABLE 48.—TABULATION OF DEATHS IN EAST ORANGE CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	2	2		1		1				1	1										
6	Scarlet fever																					
7	Whooping cough	1	1							1	1											
8	Diphtheria and croup	3	1	2				1		1	2		1									
9	Influenza	4	2	2															1	1	1	
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	35	17	18	5								3	11	10	6	5					
14	Tuberculous meningitis	4	2	2	2			1		1	2		2									
15	Other forms of tuberculosis	1		1								1										
16	Cancer and other malignant tumors	57	15	42	2										2	6	14	24	10	1		
17	Simple meningitis	1	1			1					1											
18	Cerebral hæmorrhage and softening	44	21	23	2								1			2	6	13	16	6		
19	Organic diseases of the heart	71	31	40	4								4	1	3	5	12	18	15	13		
20	Acute bronchitis	3	1	2		2					2				1							
21	Chronic bronchitis																					
22	Pneumonia	34	18	16		3		1			4	1		1	5	5	4	7	6	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	9	5	4		2	1				3	1					1		2	1	1	
24	Diseases of the stomach (cancer excepted),	2		2			1				1					1						
25	Diarrhœa and enteritis (under 2 years)	7	3	4	1	6	1				7											
26	Appendicitis and typhlitis	1		1												1						
27	Hernia, intestinal obstruction	3	1	2																		
28	Cirrhosis of the liver	2	1	1	1											1			2			
29	Acute nephritis and Bright's disease	60	30	30	3													2				
30	Noncancerous tumors and other diseases of the female genital organs	2		2										1		9	9	16	17	7	1	
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1											1	1						
32	Other puerperal accidents of pregnancy and labor	1		1									1									
33	Congenital debility and malformations	27	16	11	2	26			1		27			1								
34	Senility	3	1	2																		
35	Suicide	7	3	4																2	1	
36	Violent deaths (suicide excepted)	19	6	13	2		1			1	2	2	1	1	1	2	3	1	1	2	2	
37	Other diseases	86	43	43	6	14	1			1	16		6		7	7	12	15	13	9	1	
38	Unknown or ill-defined diseases	2	1	1		2					2											
	Total	492	222	270	31	56	6	3	1	5	71	6	19	17	32	49	66	97	86	43	6	

Estimated population, 48,761. Deaths excluding non-residents of State, 492. Rate per 1,000 population, 11.24.

TABLE 48A.—TABULATION OF DEATHS IN EAST ORANGE CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever	5	3	2			1		1		2	1	2									
7	Whooping cough	6	2	4	4	2	2	1	1		6											
8	Diphtheria and croup	1	1				1				1											
9	Influenza	88	34	49	9	2	3	1			6	4	5	24	25	9	5	4	1			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1		1		1					1											
13	Tuberculosis of the lungs	27	11	16	1								3	5	7	2	3	3	3	1		
14	Tuberculous meningitis	5	2	3				2	1	1	4		1									
15	Other forms of tuberculosis	3	2	1									1			2						
16	Cancer and other malignant tumors	52	17	35											4	9	13	11	11	4		
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	47	26	21	3											6	4	15	17	4	1	
19	Organic diseases of the heart	74	30	44	3								1	1	3	5	7	22	22	12	1	
20	Acute bronchitis	5	3	2	1		1				1							1	2	1		
21	Chronic bronchitis	3	1	2														1	2			
22	Pneumonia	65	31	34	12	3				2	5	1	7	9	14	8	11	4	4	1	1	
23	Other diseases of the respiratory system (tuberculosis excepted)	24	11	13	5	1	5	2	2		10	1		3			1	2	4	3		
24	Diseases of the stomach (cancer excepted),	3	2	1		1					1			1					1			
25	Diarrhœa and enteritis (under 2 years)	4	1	3		4					4											
26	Appendicitis and typhlitis	3	3				1		1		2					1						
27	Hernia, intestinal obstruction	2	1	1														2				
28	Cirrhosis of the liver	3	2	1	1												1	2				
29	Acute nephritis and Bright's disease	58	25	28	4	1					1		1	1	1	6	9	5	17	11	1	
30	Noncancerous tumors and other diseases of the female genital organs	1		1												1						
31	Puerperal septicæmia (puerperal fever, peritonitis)	2		2										1	1							
32	Other puerperal accidents of pregnancy and labor	1		1									1									
33	Congenital debility and malformations	25	13	12	1	25					25											
34	Senility	1		1																	1	
35	Suicide	3	1	2										1		2						
36	Violent deaths (suicide excepted)	16	11	5	1	1					1			2	2	5		1	4	1		
37	Other diseases	72	42	30	5	5	1		1	1	8	1	3	2	4	9	15	11	9	8	2	
38	Unknown or ill-defined diseases	1		1		1					1											
	Total	591	275	316	50	47	15	6	7	4	79	8	25	50	61	65	69	84	97	46	7	

Estimated population, 45,064. Deaths excluding non-residents of State, 591. Rate per 1,000 population, 13.11.

TABLE 49.—TABULATION OF DEATHS IN IRVINGTON TOWN FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever	1	1									1										
7	Whooping cough	1	1			1					1											
8	Diphtheria and croup	4	1	3		3	1				4											
9	Influenza	2	2					1			1	1										
10	Asiatic cholera	1	1																1			
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	23	11	12	1									9	3	2	5	3	1			
14	Tuberculous meningitis	2	1	1		1	1				2											
15	Other forms of tuberculosis	1	1															1				
16	Cancer and other malignant tumors	14	9	5												3	4	5	1	1		
17	Simple meningitis	2	1	1						2	2											
18	Cerebral hæmorrhage and softening	18	9	9												1	4	5	6	2		
19	Organic diseases of the heart	42	17	25									1	3	2	7	3	8	12	4	2	
20	Acute bronchitis	3	2	1		3					3											
21	Chronic bronchitis	1		1																		
22	Pneumonia	12	7	5										1		1	3	3	3	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	11	5	6		4					4			1				2	1	3		
24	Diseases of the stomach (cancer excepted)	1		1										1								
25	Diarrhœa and enteritis (under 2 years)	6	4	2		5	1				6											
26	Appendicitis and typhlitis	1	1																			
27	Hernia, intestinal obstruction	1	1													1						
28	Cirrhosis of the liver	5	3	2																1		
29	Acute nephritis and Bright's disease	32	13	19		2					2			2	2	2	2	1				
30	Noncancerous tumors and other diseases of the female genital organs	1		1											1	3	3	9	8	3		
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	3		3										2	1							
33	Congenital debility and malformations	11	5	6		11					11											
34	Senility	2	2																1	1		
35	Suicide	6	2	4										1	1		2		1	1		
36	Violent deaths (suicide excepted)	18	11	7	1	1		1	1		3	2	1	1	4	1	1	1	2	2		
37	Other diseases	29	14	15		6	3				9	1			2	6	4	3	1	2	1	
38	Unknown or ill-defined diseases																					
	Total	254	125	129	2	37	6	2	1	2	48	5	2	21	16	27	31	41	38	22	8	

Estimated population, 16,710. Deaths excluding non-residents of State, 254. Rate per 1,000 population, 15.20.

TABLE 49A.—TABULATION OF DEATHS IN IRVINGTON TOWN FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	4	2	2		2		1			3	1										
6	Scarlet fever																					
7	Whooping cough	2		2			2				2											
8	Diphtheria and croup	1	1									1										
9	Influenza	29	12	17	1		1	1			2	1	1	13	4	3	3	2				
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	2		2		1					1											
13	Tuberculosis of the lungs	26	12	14	3				1		1		1	4	7	8	4	1				
14	Tuberculous meningitis	1		1		1					1											
15	Other forms of tuberculosis	2	1	1									1		1							
16	Cancer and other malignant tumors	18	10	8									1	1			6	8	1	1		
17	Simple meningitis	2	1	1		1	1				2											
18	Cerebral hæmorrhage and softening	14	5	9												2	5	1	5	1		
19	Organic diseases of the heart	48	15	28								1		2	3	5	5	11	12	4		
20	Acute bronchitis	1		1		1					1											
21	Chronic bronchitis																					
22	Pneumonia	24	13	11	1			1		1	2			8	5	4	2	2		1		
23	Other diseases of the respiratory system (tuberculosis excepted)	10	4	6	2	1	2	1			4	1		3		1			1			
24	Diseases of the stomach (cancer excepted)	3		3		1					1					1	1					
25	Diarrhœa and enteritis (under 2 years)	4	3	1		3	1				4											
26	Appendicitis and typhlitis	3	1	2										1	1	1						
27	Hernia, intestinal obstruction	4	3	1													2		1	1		
28	Cirrhosis of the liver	8	6	2											1	2	2	2	1			
29	Acute nephritis and Bright's disease	26	13	13						1	1	1	1	1	1	5	3	8	4	1		
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	1		1											1							
33	Congenital debility and malformations	17	11	6		16					16		1									
34	Senility	4	2	2															2	1	1	
35	Suicide	2	1	1										1					1			
36	Violent deaths (suicide excepted)	15	10	5		2				1	3	2	1	1		2	4	1	1			
37	Other diseases	29	17	12		3	1				4		3	1	2	6	3	5	4	1		
38	Unknown or ill-defined diseases																					
	Total	295	148	152	7	32	8	4	1	3	48	8	10	36	26	41	40	41	33	11	1	

Estimated population, 17,381. Deaths excluding non-residents of State, 295. Rate per 1,000 population, 16.97.

TABLE 50.—TABULATION OF DEATHS IN MONTCLAIR TOWN FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1														1					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	1	1			1					1											
6	Scarlet fever																					
7	Whooping cough	3		3		2	1				3											
8	Diphtheria and croup	1	1									1										
9	Influenza	6	3	3									1				3		1	1		
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1	1														1					
13	Tuberculosis of the lungs	23	12	11	5	1					1		1	6	4	5	4	2				
14	Tuberculous meningitis	2		2		1				1	2											
15	Other forms of tuberculosis	2	1	1	2								1			1						
16	Cancer and other malignant tumors	24	6	18	1									1	2	2	7	7	3	2		
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	16	5	11	1											2		5	5	2	1	
19	Organic diseases of the heart	39	18	21	5								1	1	1	5	5	10	8	7	1	
20	Acute bronchitis	2		2		1					1										1	
21	Chronic bronchitis	2	1	1																1	1	
22	Pneumonia	38	18	20	5	3	2	1	1	1	8			4	3	4	8	5	2	3	1	
23	Other diseases of the respiratory system (tuberculosis excepted)	22	7	15	1	5	1	2			8			2		1	2	1	4	4		
24	Diseases of the stomach (cancer excepted)	5	2	3	2	1					1				1			1	2			
25	Diarrhœa and enteritis (under 2 years)	7	4	3	3	5	2				7											
26	Appendicitis and typhlitis	3	3											3								
27	Hernia, intestinal obstruction	2	1	1												1		1				
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	32	18	14	6										2	7	3	9	7	4		
30	Noncancerous tumors and other diseases of the female genital organs	2		2										1		1						
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1										1								
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	12	7	5	2	12					12											
34	Senility																					
36	Suicide	18	9	9	3	1	1	1			3	3	1	2		1	3		2	2	1	
35	Violent deaths (suicide excepted)	57	29	28	10	10		1		2	13	1	4	1	3	4	10	12	5	3	1	
37	Other diseases																					
38	Unknown or ill-defined diseases																					
	Total	322	149	175	46	43	7	5	1	4	60	5	9	22	16	34	47	53	41	29	6	

Estimated population, 27,086. Deaths excluding non-residents of State, 322. Rate per 1,000 population, 11.88.

TABLE 50A.—TABULATION OF DEATHS IN MONTCLAIR TOWN FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox	2	1	1	1		2				2											
5	Measles																					
6	Scarlet fever	6	3	3	2	1	4	1			6											
7	Whooping cough	1		1			1				1											
8	Diphtheria and croup	75	36	39	10	1	4	2	1	1	9	1	7	16	24	7	4	6	1			
9	Influenza																					
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	30	15	15	15									4	9	7	4	3	1	1	1	
13	Tuberculosis of the lungs	1	1				1				1						1					
14	Tuberculous meningitis	2		2	2									1			2	7		4	4	
15	Other forms of tuberculosis	18	5	13	2										1							
16	Cancer and other malignant tumors	1		1								1										
17	Simple meningitis	27	12	15	3											1	5	4	11	6		
18	Cerebral hæmorrhage and softening	47	25	22	6									1	2	1	4	5	14	12	6	2
19	Organic diseases of the heart	6	1	5	1	1			1		3						1		1		1	
20	Acute bronchitis																					
21	Chronic bronchitis	58	31	22	13	2	3	2			7	2	4	12	11	1	1	7	4	4		
22	Pneumonia																					
23	Other diseases of the respiratory system (tuberculosis excepted)	15	6	9	4	3	3	1	1		8				1			2	2	1	1	
24	Diseases of the stomach (cancer excepted)	3		3		3					3											
25	Diarrhœa and enteritis (under 2 years)	14	9	5	4	13	1				14											
26	Appendicitis and typhlitis	2	1	1										2								
27	Hernia, intestinal obstruction	1		1														1		1		
28	Cirrhosis of the liver	2	2																			
29	Acute nephritis and Bright's disease	39	15	24	8			1	1		2		1	3	2	4	7	8	6	5	1	
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)	2		2												2						
32	Other puerperal accidents of pregnancy and labor	1		1										1								
33	Congenital debility and malformations	18	12	6	3	18					18											
34	Senility																					
36	Suicide	4	2	2										1	1	1	1					
35	Violent deaths (suicide excepted)	20	12	8	3	2					2	2		3	3	3		3	3	1		
37	Other diseases	48	24	19	10	4	2	1	1		8	2	2	6	4	3	5	8	1	3	1	
38	Unknown or ill-defined diseases																					
	Total	483	213	220	87	49	20	9	4	2	84	8	22	54	57	31	41	52	46	33	5	

Estimated population, 27,854. Deaths excluding non-residents of State, 483. Rate per 1,000 population, 15.55.

TABLE 51.—TABULATION OF DEATHS IN NEWARK CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	16	8	8	1	....	....	....	....	....	....	1	4	3	2	4	2	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Measles	6	3	3	....	....	2	1	2	....	5	1	....	....	....	....	....	....	....	....	....	....
6	Scarlet fever	3	3	....	1	....	2	1	....	....	3	....	....	....	....	....	....	....	....	....	....	....
7	Whooping cough	64	34	30	9	35	22	5	1	1	64	....	....	....	....	....	....	....	....	....	....	....
8	Diphtheria and croup	54	25	29	2	3	13	13	4	4	37	15	2	....	....	....	....	....	....	....	....	....
9	Influenza	42	14	28	1	10	3	3	1	1	18	2	....	....	2	5	2	4	5	3	1	....
10	Asiatic cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11	Cholera nostras	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Other epidemic diseases	25	16	9	4	8	4	....	1	....	13	2	1	1	1	....	1	2	3	1	....	....
13	Tuberculosis of the lungs	758	520	238	78	5	7	2	3	1	18	2	58	183	188	157	102	81	16	2	1	....
14	Tuberculous meningitis	40	24	16	1	14	6	5	2	2	29	3	4	3	1	....	....	....	....	....	....	....
15	Other forms of tuberculosis	43	20	23	9	2	2	1	1	2	8	6	8	9	4	5	2	1	....	....	....	....
16	Cancer and other malignant tumors	348	130	218	4	....	....	2	....	....	2	1	....	7	27	54	91	98	50	18	....	....
17	Simple meningitis	51	31	20	8	8	4	4	2	1	19	9	6	8	5	4	....	....	....	....	....	....
18	Cerebral hæmorrhage and softening	317	162	155	15	3	....	....	....	....	3	....	....	5	10	31	49	106	70	38	5	....
19	Organic diseases of the heart	695	362	333	44	5	2	....	....	1	8	11	19	25	47	77	135	148	150	66	9	....
20	Acute bronchitis	92	48	44	13	61	10	1	1	1	74	2	....	....	....	....	....	4	4	7	1	....
21	Chronic bronchitis	25	12	13	2	3	3	....	1	....	7	....	....	....	....	2	1	5	4	4	2	....
22	Pneumonia	511	336	175	125	46	26	11	4	5	592	7	22	50	76	80	75	65	32	11	1	....
23	Other diseases of the respiratory system (tuberculosis excepted)	256	135	121	35	81	51	10	6	5	153	5	8	4	5	16	17	15	13	18	2	....
24	Diseases of the stomach (cancer excepted)	40	28	12	1	8	....	....	....	....	8	1	....	6	5	10	4	2	3	1	....	....
25	Diarrhœa and enteritis (under 2 years)	334	206	128	33	270	64	....	....	....	334	....	....	....	....	....	....	....	....	....	....	....
26	Appendicitis and typhlitis	48	29	19	2	....	....	....	....	....	....	4	8	6	12	8	6	2	2	....	....	....
27	Hernia, intestinal obstruction	28	16	12	....	6	1	....	....	....	7	....	....	2	1	2	4	7	4	1	....	....
28	Cirrhosis of the liver	78	58	20	2	....	....	....	....	....	....	....	....	1	10	17	22	14	7	2	....	....
29	Acute nephritis and Bright's disease	659	384	275	43	4	3	2	....	....	9	....	11	28	52	84	135	160	149	33	3	....
30	Noncancerous tumors and other diseases of the female genital organs	25	....	25	6	1	1	....	....	....	2	....	....	5	9	4	2	2	1	....	....	....
31	Puerperal septicæmia (puerperal fever peritonitis)	14	....	14	3	....	....	....	....	....	....	....	....	9	5	....	....	....	....	....	....	....
32	Other puerperal accidents of pregnancy and labor	36	....	36	....	....	....	....	....	....	....	....	2	15	18	1	....	....	....	....	....	....
33	Congenital debility and malformations	324	186	138	17	322	1	....	1	....	324	....	....	....	....	....	....	....	....	....	....	....
34	Senility	19	5	14	....	....	....	....	....	....	....	....	....	....	....	....	....	3	11	5	....	....
36	Suicide	58	45	13	1	....	....	....	....	....	....	....	1	8	16	9	14	9	1	....	....	....
35	Violent deaths (suicide excepted)	376	287	89	22	18	8	9	10	9	49	27	41	50	52	61	38	33	16	7	2	....
37	Other diseases	776	428	353	57	127	13	12	14	7	173	33	36	49	70	89	99	101	84	38	4	....
38	Unknown or ill-defined diseases	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Total	6156	3545	2611	539	1035	248	82	54	40	1459	132	231	472	620	719	805	811	625	253	29	....

Estimated population, 418,788. Deaths excluding non-residents of State, 6,156. Rate per 1,000 population, 14.69.

TABLE 51A.—TABULATION OF DEATHS IN NEWARK CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	16	7	9	....	....	....	....	1	....	1	1	3	2	4	3	1	....	....	1	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Measles	119	52	67	11	32	49	18	9	6	114	3	1	1	....	....	....	....	....	....	....	....
6	Scarlet fever	11	4	7	1	....	....	....	2	3	5	2	1	2	1	....	....	....	....	....	....	....
7	Whooping cough	52	18	34	14	24	14	11	....	2	51	1	....	....	....	....	....	....	....	....	....	....
8	Diphtheria and croup	85	47	38	3	6	20	12	9	13	60	21	2	....	2	....	....	....	....	....	....	....
9	Influenza	1369	719	650	55	51	45	43	27	15	181	44	105	458	371	95	57	39	14	5	....	....
10	Asiatic cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11	Cholera nostras	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Other epidemic diseases	26	13	13	1	13	....	1	....	....	14	....	....	....	1	....	3	4	4	....	....	....
13	Tuberculosis of the lungs	734	501	233	64	2	3	2	....	1	8	3	69	181	166	155	92	48	9	3	....	....
14	Tuberculous meningitis	59	34	25	5	13	6	6	8	5	38	9	5	2	1	2	2	....	....	....	....	....
15	Other forms of tuberculosis	33	25	8	6	4	2	2	1	1	10	2	4	4	3	3	3	1	....	....	....	....
16	Cancer and other malignant tumors	332	132	200	8	....	2	....	....	....	2	2	1	9	25	56	91	85	48	11	2	....
17	Simple meningitis	61	39	22	6	17	16	4	2	2	41	5	2	3	4	4	1	1	....	....	....	....
18	Cerebral hæmorrhage and softening	342	148	194	19	5	....	....	1	....	6	....	....	4	6	32	68	98	86	39	3	....
19	Organic diseases of the heart	782	410	372	55	5	1	1	2	2	11	7	22	34	67	103	148	161	151	71	7	....
20	Acute bronchitis	136	62	74	14	78	29	7	1	3	118	3	1	....	1	1	2	3	5	2	....	....
21	Chronic bronchitis	27	11	16	....	2	1	1	....	....	4	....	....	2	....	....	2	5	9	4	1	....
22	Pneumonia	951	533	418	102	52	60	28	11	7	158	16	58	248	202	108	83	52	20	10	1	....
23	Other diseases of the respiratory system (tuberculosis excepted)	537	270	267	56	115	108	30	22	14	289	18	16	71	51	19	20	28	18	10	2	....
24	Diseases of the stomach (cancer excepted)	39	17	22	3	11	2	1	....	....	14	....	1	3	5	3	3	3	2	5	....	....
25	Diarrhœa and enteritis (under 2 years)	327	181	146	19	280	47	....	....	....	327	....	....	....	....	....	....	....	....	....	....	....
26	Appendicitis and typhlitis	51	33	18	5	....	....	....	1	2	3	8	12	11	4	8	4	....	1	....	....	....
27	Hernia, intestinal obstruction	38	23	15	4	5	1	....	....	4	10	....	1	1	5	3	12	3	1	2	....	....
28	Cirrhosis of the liver	50	42	8	3	....	....	....	....	....	....	1	1	....	8	12	12	11	5	....	....	....
29	Acute nephritis and Bright's disease	520	285	235	40	4	2	....	1	2	9	3	5	16	39	63	122	116	108	41	3	....
30	Noncancerous tumors and other diseases of the female genital organs	22	....	22	5	....	....	....	....	....	....	....	1	5	8	5	3	....	....	....	....	....
31	Puerperal septicæmia (puerperal fever, peritonitis)	13	....	13	2	....	....	....	....	....	....	....	1	5	6	1	....	....	....	....	....	....
32	Other puerperal accidents of pregnancy and labor	47	....	47	6	....	....	....	....	....	....	....	1	16	27	3	....	....	....	....	....	....
33	Congenital debility and malformations	333	175	158	24	325	6	1	1	....	333	....	....	....	....	....	....	....	....	....	....	....
34	Senility	18	5	13	....	....	....	....	....	....	....	....	....	....	....	....	1	1	4	10	2	....
36	Suicide	49	31	18	1	....	....	....	....	....	....	....	2	9	9	12	10	4	3	....	....	....
35	Violent deaths (suicide excepted)	393	292	101	32	15	12	11	6	10	54	27	34	42	75	56	52	29	13	8	3	....
37	Other diseases	736	386	350	58	135	10	26	10	5	186	18	32	51	81	66	83	91	78	47	3	....
38	Unknown or ill-defined diseases	2	1	1	....	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....
	Total	8310	4496	3814	622	1195	436	205	115	97	2048	190	381	1180	1172	808	875	785	575	269	27	....

Estimated population, 428,682. Deaths excluding non-residents of State, 8,310. Rate per 1,000 population, 19.38.

TABLE 52.—TABULATION OF DEATHS IN NUTLEY TOWN FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1														1					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	1	1			1					1											
8	Diphtheria and croup	6	3	3			2	2		1	5	1										
9	Influenza																					
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1		1																1		
13	Tuberculosis of the lungs	12	9	3										5	1	4	2					
14	Tuberculous meningitis																					
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	5	1	4											1	1	1	1	1			
17	Simple meningitis	1		1		1					1											
18	Cerebral hæmorrhage and softening	5	3	2												1		1	2	1		
19	Organic diseases of the heart	21	12	9									1	1		2	2	3	5	7		
20	Acute bronchitis	2	2				1				1									1		
21	Chronic bronchitis	1		1															1			
22	Pneumonia	10	5	5	1				1		1			1	1		1	2	4			
23	Other diseases of the respiratory system (tuberculosis excepted)	8	5	3		5					5						1	1		1		
24	Diseases of the stomach (cancer excepted)																					
25	Diarrhœa and enteritis (under 2 years)	6	4	2		5	1				6											
26	Appendicitis and typhlitis	1	1													1						
27	Hernia, intestinal obstruction	1	1			1					1											
28	Cirrhosis of the liver	1		1												1						
29	Acute nephritis and Bright's disease	6	4	2								1		2			1	2				
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	1		1										1								
33	Congenital debility and malformations	5	3	2		5					5											
34	Senility																					
35	Suicide																					
36	Violent deaths (suicide excepted)	5	4	1					1		1		1	1		1	1					
37	Other diseases	10	5	5		1					1	3		1			3		1	1		
38	Unknown or ill-defined diseases																					
	Total	110	64	46	1	19	4	2	2	1	28	5	2	12	3	11	13	10	14	12		

Estimated population, 7,707. Deaths excluding non-residents of State, 110. Rate per 1,000 population, 14.27.

TABLE 52A.—TABULATION OF DEATHS IN NUTLEY TOWN FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever	1		1						1	1											
7	Whooping cough	2		2				2			2											
8	Diphtheria and croup	1		1			1				1											
9	Influenza	12	8	4										5	3	1	1		1		1	
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	10	4	6	1								2	5	1	2						
14	Tuberculous meningitis	1	1													1						
15	Other forms of tuberculosis	1		1														1				
16	Cancer and other malignant tumors	8	2	6												1	5	1	1			
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	6	1	5													1	2	2	1		
19	Organic diseases of the heart	15	8	7	2									2	4	1	1	2	3	1	1	
20	Acute bronchitis																					
21	Chronic bronchitis																					
22	Pneumonia	17	6	11	2	1		1		1	3		1	5	4	2	1			1		
23	Other diseases of the respiratory system (tuberculosis excepted)	16	9	7		3	4	2	1	1	11		1	1	3							
24	Diseases of the stomach (cancer excepted)																					
25	Diarrhœa and enteritis (under 2 years)	5	3	2		5					5											
26	Appendicitis and typhlitis																					
27	Hernia, intestinal obstruction	1	1															1				
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	6	1	5												4	2					
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	10	6	4	1	10					10											
34	Senility																					
35	Suicide	1	1															1				
36	Violent deaths (suicide excepted)	4	3	1									1	1					1		1	
37	Other diseases	15	3	12		1	1	1	1		4		1	1	1	2	2	1		2	2	
38	Unknown or ill-defined diseases																					
	Total	182	57	75	6	20	6	6	2	3	37		5	20	16	14	13	9	8	5	5	

Estimated population, 7,943. Deaths excluding non-residents of State, 132. Rate per 1,000 population, 16.62.

TABLE 53.—TABULATION OF DEATHS IN ORANGE CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	2	2											2								
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	3	1	2			1		1	1	3											
8	Diphtheria and croup	4	1	3	2	1	2			1	4											
9	Influenza	4	2	2		2	1		1		4											
10	Asiatic cholera	4	1	3									1					2		1		
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	64	35	29	16																	
14	Tuberculous meningitis	3	2	1		2					2	1	7	16	23	13	5					
15	Other forms of tuberculosis	4	1	3	1	1					2			1			1					
16	Cancer and other malignant tumors	30	8	22	3	1		1			2		1		2	3	9	12	2			
17	Simple meningitis	5	2	3	1	1	3				4					1						
18	Cerebral hæmorrhage and softening	30	10	20	3	1					1			2	1		5	7	9	5		
19	Organic diseases of the heart	58	27	31	15									2	5	12	6	17	10	5	1	
20	Acute bronchitis	1		1		1					1											
21	Chronic bronchitis	1	1															1				
22	Pneumonia	38	22	16	10	6	1		1		8		2	2	6	3	8	5	2	1	1	
23	Other diseases of the respiratory system (tuberculosis excepted)	31	17	14	5	8	4	2	1	1	16	1			1		1	7	3	2		
24	Diseases of the stomach (cancer excepted),	3	1	2										1				2				
25	Diarrhœa and enteritis (under 2 years)	14	7	7	3	11	3				14					1						
26	Appendicitis and typhlitis	2	2																			
27	Hernia, intestinal obstruction	2		2			1				1					1	1					
28	Cirrhosis of the liver	3	3														1					
29	Acute nephritis and Bright's disease	48	21	27	12	1		1			2			1	5	9	12	8	9	2		
30	Noncancerous tumors and other diseases of the female genital organs	1		1												1						
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1										1								
32	Other puerperal accidents of pregnancy and labor	1		1																		
33	Congenital debility and malformations	21	13	8	4	21					21			1								
34	Senility	1		1																		
36	Suicide	6	3	3																	1	
35	Violent deaths (suicide excepted)	23	16	7	1	1					1	2	3	1	1	2	1	1				
37	Other diseases	76	39	37	15	10	3	1	1		15	3		4	8	10	8	15	9	4		
38	Unknown or ill-defined diseases																					
	Total	484	237	247	91	67	20	5	5	3	100	7	14	35	55	61	61	81	48	19	3	

Estimated population, 33,686. Deaths excluding non-residents of State, 484. Rate per 1,000 population, 14.38.

TABLE 53A.—TABULATION OF DEATHS IN ORANGE CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1											1								
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	8	6	2	1	1	1	6			8											
6	Scarlet fever																					
7	Whooping cough	3	3					1	1	1	3											
8	Diphtheria and croup	6	3	3	1	1	2			1	4	1	1									
9	Influenza	98	50	39	10	2	4	1	1	1	9	6	15	22	26	9	8	1	1	1		
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	51	33	18	7																	
14	Tuberculous meningitis	6	3	3	3	1	1	2	1		5			1								
15	Other forms of tuberculosis	1	1			1					1											
16	Cancer and other malignant tumors	23	9	14	2								1	1	3	2	6	7	2	1		
17	Simple meningitis	7	6	1	4		1				1	2	2	2								
18	Cerebral hæmorrhage and softening	29	11	18	4											4	5	11	6	2	1	
19	Organic diseases of the heart	56	31	25	14		1				1	1	2	4	7	6	6	14	11	4		
20	Acute bronchitis	5	2	3		2	2				4						1					
21	Chronic bronchitis																					
22	Pneumonia	111	56	55	17	14	7	5			26	2	12	21	10	14	9	11	3	3		
23	Other diseases of the respiratory system (tuberculosis excepted)	38	20	18	6	8	8		2	1	19		3	1	7	1		5	1	1		
24	Diseases of the stomach (cancer excepted),	5	2	3	2	2					2			1	1		1					
25	Diarrhœa and enteritis (under 2 years)	8	4	4		7	1				8											
26	Appendicitis and typhlitis	4	2	2								1	1	1								
27	Hernia, intestinal obstruction	4	3	1			1				1							1				
28	Cirrhosis of the liver	6	5	1												1	1	1				
29	Acute nephritis and Bright's disease	37	20	17	4		1				1				1	2	1	2				
30	Noncancerous tumors and other diseases of the female genital organs														3	6	9	8	7	2	1	
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	5		5	1								1		4							
33	Congenital debility and malformations	34	16	18	7	33	1				34									2		
34	Senility	2		2																		
36	Suicide	2	2										1			1						
35	Violent deaths (suicide excepted)	24	17	7	3	2				1	3	1	1	3	4	1	3	2	4	2		
37	Other diseases	82	48	34	14	20	3	2		1	26	4	7	3	5	6	7	12	9	3		
38	Unknown or ill-defined diseases																					
	Total	656	363	293	100	94	34	17	6	6	157	18	55	66	86	65	65	75	45	22	2	

Estimated population, 34,192. Deaths excluding non-residents of State, 656. Rate per 1,000 population, 19.19.

TABLE 54.—TABULATION OF DEATHS IN SOUTH ORANGE VILLAGE FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	2	2				2				2											
8	Diphtheria and croup																					
9	Influenza																					
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	3	1	2		2					2									1		
13	Tuberculosis of the lungs	7	5	2	1								2		3			2				
14	Tuberculous meningitis	1	1										1									
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	4		4														3	1			
17	Simple meningitis	1	1													1						
18	Cerebral hæmorrhage and softening	10	2	8	1											1	3	2	3	1		
19	Organic diseases of the heart	7	5	2	1											3	2		1	1		
20	Acute bronchitis																					
21	Chronic bronchitis																					
22	Pneumonia	9	3	6	2	1					1					2	1	4	1			
23	Other diseases of the respiratory system (tuberculosis excepted)	3		3	1	3					3											
24	Diseases of the stomach (cancer excepted),																					
25	Diarrhœa and enteritis (under 2 years)																					
26	Appendicitis and typhlitis																					
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	7	4	3										2			2		2	1		
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	7	3	4	1	7					7											
34	Senility	1		1																1		
36	Suicide																					
35	Violent deaths (suicide excepted)																					
37	Other diseases	16	5	11	2	2		1		2	5			2	1	2	5		1			
38	Unknown or ill-defined diseases																					
	Total	78	32	46	9	15	2	1		2	20		3	4	4	9	13	11	9	5		

Estimated population, 7,040. Deaths excluding non-residents of State, 78. Rate per 1,000 population, 11.03.

TABLE 54A.—TABULATION OF DEATHS IN SOUTH ORANGE VILLAGE FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup																					
9	Influenza	17	9	8	1							1	3	4	4	3	1		1			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	8	5	3	3								1	1	2	3		1				
14	Tuberculous meningitis	1	1											1								
15	Other forms of tuberculosis	2		2		1					1			1								
16	Cancer and other malignant tumors	15	7	8	1								1		3	2	2	3	4			
17	Simple meningitis	1		1											1							
18	Cerebral hæmorrhage and softening	3	2	1	1												2	1				
19	Organic diseases of the heart	16	10	6	1									1		1	1	4	4	5		
20	Acute bronchitis	3	2	1	1	2					2										1	
21	Chronic bronchitis	2	1	1														1	1			
22	Pneumonia	14	8	6	2					1	1			2	7	1		1	1	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	4	3	1	1	2					2			1			1					
24	Diseases of the stomach (cancer excepted),	1	1			1					1											
25	Diarrhœa and enteritis (under 2 years)																					
26	Appendicitis and typhlitis	1		1											1							
27	Hernia, intestinal obstruction	2	1	1															2			
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	6	3	3												1	1		4			
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	2		2		2					2											
34	Senility	1		1															1			
36	Suicide																					
35	Violent deaths (suicide excepted)	2	2										1				1					
37	Other diseases	10	6	4					1		1	1	1		1			3	2	1		
38	Unknown or ill-defined diseases																					
	Total	111	61	50	11	8			1	1	10	2	7	11	19	11	9	14	20	7	1	

Estimated population, 7,182. Deaths excluding non-residents of State, 111. Rate per 1,000 population, 15.46.

TABLE 55.—TABULATION OF DEATHS IN WEST ORANGE TOWN FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	1	1				1				1											
6	Scarlet fever	1		1				1			1											
7	Whooping cough	1		1						1	1											
8	Diphtheria and croup	3	2	1				1	1		2	1										
9	Influenza	2	1	1									1					1				
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	24	13	11									1	8	6	4	4	1				
14	Tuberculous meningitis	1		1			1				1											
15	Other forms of tuberculosis	1		1								1										
16	Cancer and other malignant tumors	8	3	5													4	1	3			
17	Simple meningitis	1		1		1					1											
18	Cerebral hæmorrhage and softening	14	5	9											1		2		8	2	1	
19	Organic diseases of the heart	15	8	7										1			2	6	3	2	1	
20	Acute bronchitis	1		1		1					1											
21	Chronic bronchitis																					
22	Pneumonia	20	11	9								1			4	1	7	3	2	2		
23	Other diseases of the respiratory system (tuberculosis excepted)	9	5	4		2				1	3			1			1	1	2	1		
24	Diseases of the stomach (cancer excepted),	1	1													1						
25	Diarrhœa and enteritis (under 2 years)	4	2	2	1	4					4											
26	Appendicitis and typhlitis	1	1											1								
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	16	10	6									1		1		1	5	8			
30	Noncancerous tumors and other diseases of the female genital organs	1		1												1						
31	Puerperal septicæmia (puerperal fever, peritonitis)	2		2											1	1						
32	Other puerperal accidents of pregnancy and labor	2		2										1	1							
33	Congenital debility and malformations	12	7	5		11			1		12											
34	Senility																					
36	Suicide	1	1												1							
35	Violent deaths (suicide excepted)	5	3	2				1			1	1		1			2					
37	Other diseases	25	10	15		5	1	2			8	1	1	1	4	4	4	1		1		
38	Unknown or ill-defined diseases																					
	Total	172	84	88	1	24	3	5	2	2	36	5	4	14	18	13	27	19	26	8	2	

Estimated population, 13,964. Deaths excluding non-residents of State, 172. Rate per 1,000 population, 12.81.

TABLE 55A.—TABULATION OF DEATHS IN WEST ORANGE TOWN FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	2	2				1	1			2											
6	Scarlet fever																					
7	Whooping cough	3		3		2				1	3											
8	Diphtheria and croup	2	1	1			1				1	1										
9	Influenza	53	28	30					1	3	4	2	12	12	17	8		2		1		
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1	1					1			1											
13	Tuberculosis of the lungs	25	14	11								1		5	8	5	6					
14	Tuberculous meningitis																					
15	Other forms of tuberculosis	1	1				1				1											
16	Cancer and other malignant tumors	9	3	6													3	4	2			
17	Simple meningitis	1		1												1						
18	Cerebral hæmorrhage and softening	16	7	9											1	1	3	3	6		2	
19	Organic diseases of the heart	29	16	13	1								1		2	4	3	6	8	5		
20	Acute bronchitis																					
21	Chronic bronchitis																					
22	Pneumonia	44	25	19	2	3	3	2		1	9		2	4	18	9		5	1	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	6	4	2		1					1					3		1		1		
24	Diseases of the stomach (cancer excepted),	1	1			1					1											
25	Diarrhœa and enteritis (under 2 years)	2	1	1		2					2											
26	Appendicitis and typhlitis	2		2										1		1						
27	Hernia, intestinal obstruction	1		1											1							
28	Cirrhosis of the liver	1	1																	1		
29	Acute nephritis and Bright's disease	10	3	7			1				1				1		2	1	4	1		
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1										1								
32	Other puerperal accidents of pregnancy and labor	2		2									1	1								
33	Congenital debility and malformations	13	7	6		13					13											
34	Senility	1		1														1				
36	Suicide	1	1												1							
35	Violent deaths (suicide excepted)	7	3	4			1		1		2		1		2	1			1			
37	Other diseases	26	13	13		2	1	1	1	1	6		1	2	2		3	5	5	2		
38	Unknown or ill-defined diseases																					
	Total	260	127	133	3	24	9	5	3	6	47	4	18	26	49	27	20	28	27	12	2	

Estimated population, 14,378. Deaths excluding non-residents of State, 260. Rate per 1,000 population, 18.08.

TABLE 56.—TABULATION OF DEATHS IN BAYONNE CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1		1								1										
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	3	2	1		2		1			3											
6	Scarlet fever																					
7	Whooping cough	4	2	2		2	1	1			4											
8	Diphtheria and croup	3	1	2		1			2		3											
9	Influenza	9	4	5		1					1				1	1	3	2	1			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	10	6	4		7					7			2			1					
13	Tuberculosis of the lungs	97	63	34		1					1		11	26	34	17	7		1			
14	Tuberculous meningitis	7	6	1		3	1				4	3										
15	Other forms of tuberculosis	1		1			1				1											
16	Cancer and other malignant tumors	40	21	19				2			2	1		1	2	8	9	13	3	1		
17	Simple meningitis	5	2	3		2	2				4	1										
18	Cerebral hæmorrhage and softening	51	24	27	1	1					1			1	6	1	10	12	14	4	2	
19	Organic diseases of the heart	86	51	35	4	1					1	1	3	8	11	15	16	12	13	6		
20	Acute bronchitis	19	8	11		14	1				15								3	1		
21	Chronic bronchitis	3	2	1														2		1		
22	Pneumonia	70	40	30		11	6	2	4	1	24	1	2	3	5	14	7	7	3	3	1	
23	Other diseases of the respiratory system (tuberculosis excepted)	39	26	13		16	11	1	1		29	1		1	1		2	3		2		
24	Diseases of the stomach (cancer excepted),	14	10	4		4		1			5				3	2	2	2				
25	Diarrhœa and enteritis (under 2 years)	73	36	37		63	10				73											
26	Appendicitis and typhlitis	9	5	4								2	3	1	3							
27	Hernia, intestinal obstruction	2		2																2		
28	Cirrhosis of the liver	14	10	4											1	2	7	3	1			
29	Acute nephritis and Bright's disease	63	35	28		1					1	1	1	2	10	14	14	12	7	1		
30	Noncancerous tumors and other diseases of the female genital organs	4		4								1		2		1						
31	Puerperal septicæmia (puerperal fever, peritonitis)	2		2										1	1							
32	Other puerperal accidents of pregnancy and labor	8		8										2	6							
33	Congenital debility and malformations	76	46	30	1	76					76											
34	Senility	2		2															2			
36	Suicide	8	7	1										1	4	2	1					
35	Violent deaths (suicide excepted)	79	63	16		3	1	4	2	3	13	3	2	15	14	12	7	8	4	1		
37	Other diseases	121	67	54	3	30	4	1	3		38	5	11	12	8	10	15	12	8	2		
38	Unknown or ill-defined diseases	2		2			2				2											
	Total	925	537	388	9	289	40	13	12	4	308	21	33	78	110	99	101	88	62	22	3	

Estimated population, 72,204. Deaths excluding non-residents of State, 925. Rate per 1,000 population, 12.81.

TABLE 56A.—TABULATION OF DEATHS IN BAYONNE CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	35	15	20		9	12	6	4		31	4										
6	Scarlet fever																					
7	Whooping cough	11	3	8		4	5	2			11											
8	Diphtheria and croup	20	10	10		2	4	6	6	1	19	1										
9	Influenza	404	211	193	2	24	29	18	7	6	79	14	36	142	83	23	15	9	3			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	6	3	3		4					4				1	1						
13	Tuberculosis of the lungs	102	56	46	2	1	1				2		17	27	21	21	11	3				
14	Tuberculous meningitis	9	7	2		1	1	2		2	6	1		1	1							
15	Other forms of tuberculosis	2	1	1								1			1							
16	Cancer and other malignant tumors	35	19	16	1							1		1	2	9	6	11	5			
17	Simple meningitis	11	7	4		2	2	1			5	1	1		2	1	1					
18	Cerebral hæmorrhage and softening	34	16	18											3	1	4	13	12	1		
19	Organic diseases of the heart	100	41	59		1	1				2	2	3	4	11	13	27	14	11	7	1	
20	Acute bronchitis	17	14	3		15					15								2			
21	Chronic bronchitis	2	2															2				
22	Pneumonia	234	128	106		25	13	8	4	6	56	9	15	67	41	21	12	6	5	2		
23	Other diseases of the respiratory system (tuberculosis excepted)	89	40	49	1	33	19	5	2	3	62	4	3	7	5	2	2	3	1			
24	Diseases of the stomach (cancer excepted),	2	2			1					1							1				
25	Diarrhœa and enteritis (under 2 years)	77	43	34	1	68	9				77											
26	Appendicitis and typhlitis	6	3	3								1	2	1	2							
27	Hernia, intestinal obstruction	2	1	1		1					1						1					
28	Cirrhosis of the liver	5	4	1										1	2	1	1					
29	Acute nephritis and Bright's disease	79	51	28	1		1	1			2		2	3	7	14	17	21	9	3	1	
30	Noncancerous tumors and other diseases of the female genital organs	1		1										1								
31	Puerperal septicæmia (puerperal fever, peritonitis)	3		3										3								
32	Other puerperal accidents of pregnancy and labor	8		8									1	6	1							
33	Congenital debility and malformations	60	33	27		60					60											
34	Senility	2	1	1																2		
36	Suicide	3	1	2											2			1				
35	Violent deaths (suicide excepted)	67	53	14	1	1	2	3	2	3	11	13	5	13	11	10	2	1		1		
37	Other diseases	93	49	44		25	3	4	1	2	35	7	5	7	6	13	4	5	8	3		
38	Unknown or ill-defined diseases																					
	Total	1519	814	705	9	277	102	51	26	23	479	59	90	284	202	135	103	90	56	19	2	

Estimated population, 74,515. Deaths excluding non-residents of State, 1,519. Rate per 1,000 population, 20.38.

TABLE 57.—TABULATION OF DEATHS IN GUTTENBERG TOWN FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup																					
9	Influenza	1	1												1							
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1	1									1										
13	Tuberculosis of the lungs	14	11	3		1					1			4	5	1	3					
14	Tuberculous meningitis	3	2	1					1		1		1		1							
15	Other forms of tuberculosis	1		1			1				1											
16	Cancer and other malignant tumors	2	1	1												1	1					
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	1		1														1				
19	Organic diseases of the heart	10	5	5									2			1	5	2				
20	Acute bronchitis																					
21	Chronic bronchitis																					
22	Pneumonia	6	4	2		2			1		3					1		1		1		
23	Other diseases of the respiratory system (tuberculosis excepted)	7	3	4		3					3	2		1					1			
24	Diseases of the stomach (cancer excepted)																					
25	Diarrhœa and enteritis (under 2 years)	2	1	1			2				2											
26	Appendicitis and typhlitis	1		1												1						
27	Hernia, intestinal obstruction	1		1													1					
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	6	3	3								1					1	1	2	1		
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	1		1											1							
33	Congenital debility and malformations	1	1			1					1											
34	Senility																					
36	Suicide																					
35	Violent deaths (suicide excepted)	7	5	2									2	1	1	2	1					
37	Other diseases	11	7	4									1	1	1	1	2	3		2		
38	Unknown or ill-defined diseases																					
	Total	76	45	31		7	3		2		12	4	6	7	10	8	14	8	3	4		

Estimated population, 6,977. Deaths excluding non-residents of State, 76. Rate per 1,000 population, 10.89.

TABLE 57A.—TABULATION OF DEATHS IN GUTTENBERG TOWN FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever	3	2	1		1																
7	Whooping cough								2		3											
8	Diphtheria and croup	2		2			1															
9	Influenza	2	2				1	1			2											
10	Asiatic cholera	21	10	11		1	4	1			6	1		3	6	5	1					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	19	13	6		1					1			8	3	4	3					
14	Tuberculous meningitis																					
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	6	5	1																		
17	Simple meningitis	1		1			1				1					1	2	2	1			
18	Cerebral hæmorrhage and softening	4		4																		
19	Organic diseases of the heart	4	1	3													1	3				
20	Acute bronchitis	2		2		1					1				1	1		1	1			
21	Chronic bronchitis	1		1		1					1						1	1				
22	Pneumonia	7	4	3			2				2			3		1				1		
23	Other diseases of the respiratory system (tuberculosis excepted)	6	5	1									2		1			1				
24	Diseases of the stomach (cancer excepted)	7	4	3		5	2				7				4		1	1				
25	Diarrhœa and enteritis (under 2 years)																					
26	Appendicitis and typhlitis																					
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	1	1																			
30	Noncancerous tumors and other diseases of the female genital organs	11	8	3									2		1	1		1				
31	Puerperal septicæmia (puerperal fever, peritonitis)																	3	4			
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations																					
34	Senility	3		3		3					3											
36	Suicide																					
35	Violent deaths (suicide excepted)	1	1												1							
37	Other diseases	6	3	3		1					1				2		2		1			
38	Unknown or ill-defined diseases	7	3	4		1	1				2	1	1	1		2						
	Total	114	62	52		15	11	3	2		31	2	6	18	17	11	9	8	10	2		

Estimated population, 7,162. Deaths excluding non-residents of State, 114. Rate per 1,000 population, 15.91.

TABLE 58.—TABULATION OF DEATHS IN HARRISON TOWN FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1		1												1						
2	Typhus fever																					
3	Malaria																					
4	Smallpox	1		1		1					1											
5	Measles																					
6	Scarlet fever	1		1			1				1											
7	Whooping cough	2	1	1			1				1	1							1			
8	Diphtheria and croup	1		1																		
9	Influenza																1					
10	Asiatic cholera	1	1																			
11	Cholera nostras												1	4	2	8	1	2				
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	18	8	10	1		1				1											
14	Tuberculous meningitis	1	1									1			1	1						
15	Other forms of tuberculosis	3	2	1											3		5	1	1			
16	Cancer and other malignant tumors	10	4	6									1									
17	Simple meningitis	1	1													2	3	4	3			
18	Cerebral hæmorrhage and softening	12	6	6									1	2	3	3	2	7	5	1		
19	Organic diseases of the heart	24	16	8		4					4			1				1	1		1	
20	Acute bronchitis	7	4	3																		
21	Chronic bronchitis	1	1									1		1	2	7	3	2	1			
22	Pneumonia	17	12	5															1			
23	Other diseases of the respiratory system (tuberculosis excepted)	13	6	7		5	6		1		12				1		2					
24	Diseases of the stomach (cancer excepted),	3	2	1																		
25	Diarrhœa and enteritis (under 2 years)	23	13	10		20	3				23				1							
26	Appendicitis and typhlitis	1		1																		
27	Hernia, intestinal obstruction																3	1				
28	Cirrhosis of the liver	4	3	1											3	2	5	4	7	3	1	
29	Acute nephritis and Bright's disease	25	15	10																		
30	Noncancerous tumors and other diseases o the female genital organs														1							
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1												1	1					
32	Other puerperal accidents of pregnancy and labor	2		2							7											
33	Congenital debility and malformations	7	3	4		7										1	1	1				
34	Senility																					
35	Suicide	3	3				1				1	2		5	3	3	1	2				
36	Violent deaths (suicide excepted)	17	16	1							8	2	2		4	1	6	4	4	1		
37	Other diseases	32	19	13		6	1		1		1											
38	Unknown or ill-defined diseases	1		1			1															
	Total	288	187	96	1	44	14		2		60	7	5	19	22	35	30	31	20	4		

Estimated population, 17,845. Deaths excluding non-residents of State, 288. Rate per 1,000 population, 13.43.

TABLE 58A.—TABULATION OF DEATHS IN HARRISON TOWN FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	3	2	1			1	1			2	1										
6	Scarlet fever																					
7	Whooping cough	4		4		3	1				4											
8	Diphtheria and croup	6	4	2		1	2	2	1		6											
9	Influenza	52	35	17	2	6	2	2		1	11	1	6	12	10	5	6	1				
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	28	19	4	2			1			1			6	11	5						
14	Tuberculous meningitis	1	1										1									
15	Other forms of tuberculosis																1		1	3		
16	Cancer and other malignant tumors	5	2	3																		
17	Simple meningitis	1	1										1									
18	Cerebral hæmorrhage and softening	7	3	4												1	2	3		1		
19	Organic diseases of the heart	27	16	11									2	1	2	2	6	7	7			
20	Acute bronchitis	6	2	4		3	1			1	5						1					
21	Chronic bronchitis	1	1													1						
22	Pneumonia	50	31	19	1	7	3	1		2	13		7	9	6	6	5	3	1			
23	Other diseases of the respiratory system (tuberculosis excepted)	21	11	10		5	5	1	1		12		2		3		1	3				
24	Diseases of the stomach (cancer excepted),																					
25	Diarrhœa and enteritis (under 2 years)	18	5	8	1	9	4				13											
26	Appendicitis and typhlitis	1		1									1									
27	Hernia, intestinal obstruction	2		2											1	1						
28	Cirrhosis of the liver	3	2	1											1		2					
29	Acute nephritis and Bright's disease	16	8	8										2		2	5	2	3	2		
30	Noncancerous tumors and other diseases o the female genital organs	1		1										1								
31	Puerperal septicæmia (puerperal fever, peritonitis)	2		2										2								
32	Other puerperal accidents of pregnancy and labor	1		1											1							
33	Congenital debility and malformations	11	8	3	1	11					11											
34	Senility																					
35	Suicide	2	1	1													1		1			
36	Violent deaths (suicide excepted)	19	11	8				1	1		2	3	2	3	4	3	1	1	1			
37	Other diseases	25	14	11		8	1		1		10	1		1	3		1	1	4	1		
38	Unknown or ill-defined diseases																					
	Total	303	177	126	7	53	20	9	4	4	90	6	22	37	42	30	30	22	20	4		

Estimated population, 17,740. Deaths excluding non-residents of State, 303. Rate per 1,000 population, 17.08.

TABLE 59.—TABULATION OF DEATHS IN HOBOKEN CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	5	4	1	....	....	....	....	....	....	....	....	2	1	1	....	1	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Measles	7	5	2	....	3	3	....	1	....	7	....	....	....	....	....	....	....	....	....	....	....
6	Scarlet fever	3	1	2	....	1	....	1	....	....	2	....	....	1	....	....	....	....	....	....	....	....
7	Whooping cough	7	4	3	....	4	1	1	1	....	7	....	....	....	....	....	....	....	....	....	....	....
8	Diphtheria and croup	7	3	4	....	2	2	....	....	....	4	3	....	....	....	....	....	....	....	....	....	....
9	Influenza	11	6	5	....	1	....	....	....	....	1	....	1	....	2	1	1	3	2	....	....	....
10	Asiatic cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11	Cholera nostras	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Other epidemic diseases	3	2	1	....	....	....	....	....	....	....	....	....	....	....	2	....	1	....	....	....	....	....
13	Tuberculosis of the lungs	149	101	48	....	....	....	....	....	....	....	....	15	33	37	35	18	10	1	....	....	....
14	Tuberculous meningitis	9	6	3	....	2	3	1	....	1	7	....	1	1	....	....	....	....	....	....	....	....
15	Other forms of tuberculosis	7	6	1	....	1	....	....	....	1	2	....	....	....	3	1	1	....	....	....	....	....
16	Cancer and other malignant tumors	61	32	29	....	....	....	....	....	....	....	....	....	2	4	6	14	21	13	1	....	....
17	Simple meningitis	14	7	7	....	7	2	2	1	....	12	1	....	1	....	....	....	....	....	....	....	....
18	Cerebral hæmorrhage and softening	41	20	21	....	....	....	....	....	....	....	....	....	....	1	7	11	8	11	3	....	....	....
19	Organic diseases of the heart	154	82	72	....	1	....	....	....	....	1	3	4	6	10	19	46	34	22	8	1	....
20	Acute bronchitis	4	4	....	....	1	1	....	....	....	2	....	....	....	....	....	....	....	....	1	1	....
21	Chronic bronchitis	3	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....
22	Pneumonia	128	82	46	2	22	10	1	1	2	36	3	....	8	14	16	20	20	10	1	....	....
23	Other diseases of the respiratory system (tuberculosis excepted)	54	34	20	....	25	8	3	....	....	36	2	....	1	3	3	3	2	4	....	....	....
24	Diseases of the stomach (cancer excepted),	11	7	4	....	3	....	....	....	....	3	....	1	....	3	....	3	....	1	....	....	....
25	Diarrhœa and enteritis (under 2 years)....	59	26	33	....	48	11	....	....	....	59	....	....	....	....	....	....	....	....	....	....	....
26	Appendicitis and typhlitis	8	5	3	....	....	....	....	....	....	....	1	1	1	3	2	....	....	....	....	....	....
27	Hernia, intestinal obstruction	11	4	7	....	3	....	....	....	....	3	....	....	....	....	2	3	2	1	....	....	....
28	Cirrhosis of the liver	14	14	....	....	....	....	....	....	....	....	....	....	....	....	5	6	2	....	1	....	....
29	Acute nephritis and Bright's disease	116	67	49	1	2	....	....	....	....	2	2	1	7	19	26	25	23	9	2	....	....
30	Noncancerous tumors and other diseases of the female genital organs	5	....	5	....	....	....	....	....	....	....	....	....	....	3	2	....	....	....	....	....	....
31	Puerperal septicæmia (puerperal fever, peritonitis)	5	....	5	....	....	....	....	....	....	....	....	....	1	4	....	....	....	....	....	....	....
32	Other puerperal accidents of pregnancy and labor	4	....	4	....	....	....	....	....	....	....	....	....	2	1	1	....	....	....	....	....	....
33	Congenital debility and malformations	43	27	16	....	42	1	....	....	....	43	....	....	....	....	....	....	....	....	....	....	....
34	Senility	5	2	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	2	1	....
36	Suicide	14	12	2	....	....	....	....	....	....	....	....	1	2	4	2	1	4	....	....	....	....
35	Violent deaths (suicide excepted)	84	70	14	....	1	1	....	3	4	9	6	6	5	13	17	16	5	5	2	....	....
37	Other diseases	122	62	60	....	17	2	3	....	1	23	2	7	4	15	18	19	11	18	3	2	....
38	Unknown or ill-defined diseases	2	2	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....
	Total	1170	699	471	3	186	45	12	8	9	260	28	40	76	141	165	188	147	99	25	6	....

Estimated population, 78,824. Deaths excluding non-residents of State, 1,170. Rate per 1,000 population, 14.93.

TABLE 59A.—TABULATION OF DEATHS IN HOBOKEN CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	5	2	3	....	....	....	....	....	....	....	1	2	2	....	....	....	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Measles	14	6	8	1	1	5	7	....	1	14	....	....	....	....	....	....	....	....	....	....	....
6	Scarlet fever	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	Whooping cough	7	4	3	....	2	2	2	1	....	7	....	....	1	....	....	....	....	....	....	....	....
8	Diphtheria and croup	20	10	10	....	....	4	3	6	1	14	5	1	....	....	....	....	....	....	....	....	....
9	Influenza	119	61	58	....	2	8	....	....	1	11	4	9	30	31	11	10	2	2	....	....	....
10	Asiatic cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11	Cholera nostras	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Other epidemic diseases	3	2	1	....	2	....	....	....	....	2	....	....	1	....	....	....	....	....	....	....	....
13	Tuberculosis of the lungs	120	88	32	....	....	....	....	....	....	....	1	9	34	30	20	10	6	1	....	....	....
14	Tuberculous meningitis	8	4	4	....	2	....	1	1	1	5	2	....	....	1	....	....	....	....	....	....	....
15	Other forms of tuberculosis	4	1	3	....	....	1	1	....	....	2	....	....	1	....	....	1	....	....	....	....	....
16	Cancer and other malignant tumors	55	25	30	....	....	....	....	....	....	....	....	....	1	....	1	5	8	20	11	7	3	....
17	Simple meningitis	12	5	7	....	3	1	....	....	....	4	1	2	1	1	1	1	....	1	....	....	....
18	Cerebral hæmorrhage and softening	61	27	34	....	2	....	....	....	....	2	2	4	4	4	5	16	15	14	7	....	....
19	Organic diseases of the heart	125	70	55	2	7	....	....	....	....	7	....	....	....	1	....	....	....	....	....	....	....
20	Acute bronchitis	8	6	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
21	Chronic bronchitis	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
22	Pneumonia	313	184	129	4	19	28	9	5	2	63	11	19	80	55	29	24	13	13	5	1	....
23	Other diseases of the respiratory system (tuberculosis excepted)	82	54	28	....	14	10	5	4	3	36	4	3	11	10	7	5	3	3	....	....	....
24	Diseases of the stomach (cancer excepted),	6	3	3	....	1	....	....	....	....	1	....	....	....	1	....	....	1	1	2	....	....
25	Diarrhœa and enteritis (under 2 years)....	57	26	31	....	46	11	....	....	....	57	....	....	....	....	....	....	....	....	....	....	....
26	Appendicitis and typhlitis	7	3	4	....	....	....	....	....	....	....	1	2	2	1	....	....	....	1	....	....	....
27	Hernia, intestinal obstruction	6	3	3	....	1	....	....	....	....	1	....	....	1	2	....	....	....	....	....	....	....
28	Cirrhosis of the liver	7	4	3	....	....	....	....	....	....	....	1	....	....	2	2	2	....	2	....	....	....
29	Acute nephritis and Bright's disease	68	30	38	....	1	....	....	1	....	2	1	2	3	4	9	11	18	11	2	....	....
30	Noncancerous tumors and other diseases of the female genital organs	3	....	3	....	....	....	....	....	....	....	....	....	....	1	1	1	....	....	....	....	....
31	Puerperal septicæmia (puerperal fever, peritonitis)	4	....	4	....	....	....	....	....	....	....	....	....	4	....	....	....	....	....	....	....	....
32	Other puerperal accidents of pregnancy and labor	4	....	4	....	....	....	....	....	....	....	....	....	2	1	1	....	....	....	....	....	....
33	Congenital debility and malformations	53	27	26	....	52	1	....	....	....	53	....	....	....	....	....	....	....	....	....	....	....
34	Senility	7	6	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
36	Suicide	55	41	14	1	1	2	1	....	2	6	5	3	8	9	11	3	7	3	....	....	....
35	Violent deaths (suicide excepted)	141	80	61	....	25	1	1	1	1	29	3	5	8	11	17	23	18	17	9	1	....
37	Other diseases	2	1	1	....	1	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....
38	Unknown or ill-defined diseases	1373	774	599	8	182	74	30	19	12	317	41	64	208	184	150	155	132	89	36	2	....
	Total																					

Estimated population, 79,484. Deaths excluding non-residents of State, 1,373. Rate per 1,000 population, 17.28.

TABLE 60.—TABULATION OF DEATHS IN JERSEY CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	11	5	6	1	....	....	....	....	....	....	....	4	4	2	1	....	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Malaria	1	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
4	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Measles	29	20	9	2	8	12	6	1	....	27	....	1	1	....	....	....	....	....	....	....	....
6	Scarlet fever	8	5	3	....	1	2	1	....	1	5	3	....	....	....	....	....	....	....	....	....	....
7	Whooping cough	29	13	16	....	10	10	6	2	....	28	1	....	....	....	....	1	....	....	....	....	....
8	Diphtheria and croup	62	30	32	....	3	10	10	10	8	41	18	2	....	....	....	....	....	....	....	....	....
9	Influenza	37	16	21	....	1	1	....	1	....	3	1	....	2	2	4	5	3	8	8	1	....
10	Asiatic cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....
11	Cholera nostras	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....
12	Other epidemic diseases	11	6	5	....	5	1	....	....	....	6	....	....	....	1	2	1	....	....	....	....	....
13	Tuberculosis of the lungs	575	374	201	27	2	....	....	....	....	2	1	41	149	143	146	73	16	4	....	....	....
14	Tuberculous meningitis	25	15	10	....	5	4	4	4	....	17	4	3	....	....	1	....	....	....	....	....	....
15	Other forms of tuberculosis	25	18	7	1	3	1	....	....	....	4	1	4	7	2	3	....	1	....	....	....	....
16	Cancer and other malignant tumors	222	95	127	6	....	....	....	....	....	....	....	....	3	11	50	58	57	36	7	....	....
17	Simple meningitis	49	31	18	1	8	8	5	2	1	24	6	8	4	2	....	4	1	....	....	....	....
18	Cerebral hæmorrhage and softening	245	121	124	15	1	....	....	....	....	1	....	....	1	7	22	52	68	71	21	2	....
19	Organic diseases of the heart	532	269	263	23	2	....	....	....	1	3	6	14	27	34	64	98	122	110	48	6	....
20	Acute bronchitis	58	33	25	....	32	8	1	....	....	41	1	1	1	1	1	2	3	4	3	....	....
21	Chronic bronchitis	23	6	17	....	2	....	....	....	....	2	....	1	....	....	1	....	6	6	6	1	....
22	Pneumonia	429	270	159	42	43	27	12	6	1	89	6	12	27	40	70	66	59	47	3	1	....
23	Other diseases of the respiratory system (tuberculosis excepted)	260	155	105	6	101	47	11	6	4	169	6	3	4	13	12	13	7	21	12	....	....
24	Diseases of the stomach (cancer excepted)	29	19	10	....	4	1	....	....	1	6	....	....	....	1	8	4	2	6	2	....	....
25	Diarrhœa and enteritis (under 2 years)	274	115	159	4	218	56	....	....	....	274	....	....	....	....	....	....	....	....	....	....	....
26	Appendicitis and typhlitis	28	13	15	....	....	1	....	....	....	1	2	4	9	3	4	2	2	1	....	....	....
27	Hernia, intestinal obstruction	28	9	19	....	2	1	....	....	....	3	....	1	....	2	5	7	3	6	1	....	....
28	Cirrhosis of the liver	59	38	21	4	....	....	....	....	....	....	....	....	1	6	28	14	10	4	1	....	....
29	Acute nephritis and Bright's disease	469	262	207	14	2	2	1	2	....	7	2	11	28	47	86	99	108	62	20	4	....
30	Noncancerous tumors and other diseases of the female genital organs	14	....	14	....	....	....	....	....	....	....	....	....	2	6	2	1	1	1	1	....	....
31	Puerperal septicæmia (puerperal fever peritonitis)	20	....	20	2	....	....	....	....	....	....	....	1	10	8	1	....	....	....	....	....	....
32	Other puerperal accidents of pregnancy and labor	35	....	35	....	....	....	....	....	....	....	....	2	15	15	3	....	....	....	....	....	....
33	Congenital debility and malformations	246	140	106	4	240	5	....	....	1	246	....	....	....	....	....	1	2	9	9	2	....
34	Senility	23	7	16	....	....	....	....	....	....	....	....	....	....	....	5	8	10	9	4	3	....
36	Suicide	39	29	10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
35	Violent deaths (suicide excepted)	304	223	81	15	6	5	6	11	6	34	17	25	55	46	48	40	24	15	5	....	....
37	Other diseases	626	346	280	....	97	10	9	12	3	131	7	34	24	57	86	109	88	60	26	4	....
38	Unknown or ill-defined diseases	6	....	6	....	1	4	1	....	....	6	....	....	....	....	....	....	....	....	....	....	....
	Total	4832	2684	2148	167	797	216	73	57	27	1170	82	172	374	467	648	662	586	475	175	21	....

Estimated population, 312,557. Deaths excluding non-residents of State, 4,832. Rate per 1,000 population, 15.45.

TABLE 60A.—TABULATION OF DEATHS IN JERSEY CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	13	7	6	1	....	....	....	....	....	....	1	3	4	3	1	1	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Smallpox	39	21	18	....	12	14	7	3	2	38	1	....	....	....	....	....	....	....	....	....	....
5	Measles	10	4	6	....	....	2	2	3	2	9	1	....	....	....	....	....	....	....	....	....	....
6	Scarlet fever	58	26	32	2	21	16	11	4	2	54	4	....	....	....	....	....	....	....	....	....	....
7	Whooping cough	60	31	29	1	4	10	15	10	5	44	12	2	1	....	1	....	....	....	....	....	....
8	Diphtheria and croup	812	385	427	14	52	47	39	10	17	165	49	69	228	159	55	40	25	18	3	1	....
9	Influenza	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Asiatic cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11	Cholera nostras	....	....	....	....	....	....	....	....	....	....	....	....	1	1	2	2	2	....	....	....	....
12	Other epidemic diseases	15	6	9	....	6	....	....	....	1	7	....	....	1	1	2	2	....	....	....	....	....
13	Tuberculosis of the lungs	543	347	196	31	1	....	1	2	....	4	1	53	143	148	113	60	18	7	1	....	....
14	Tuberculous meningitis	25	17	8	....	3	5	5	2	....	15	1	2	1	2	1	1	1	1	....	....	....
15	Other forms of tuberculosis	28	18	10	2	2	....	1	2	....	5	1	5	7	5	4	1	....	....	....	....	....
16	Cancer and other malignant tumors	256	130	126	7	....	....	....	1	....	1	....	....	3	22	43	81	62	36	8	....	....
17	Simple meningitis	50	31	19	4	13	7	4	3	1	28	7	6	4	2	1	1	1	....	....	....	....
18	Cerebral hæmorrhage and softening	236	104	132	5	5	....	....	....	....	5	....	....	2	6	21	48	60	56	32	6	....
19	Organic diseases of the heart	587	297	290	25	5	....	....	1	....	6	8	19	40	43	77	106	122	104	52	10	....
20	Acute bronchitis	62	30	32	1	39	12	....	....	....	51	....	....	1	....	1	1	4	....	3	1	....
21	Chronic bronchitis	15	9	6	....	3	1	....	....	1	5	....	....	1	....	....	1	2	3	....	....	....
22	Pneumonia	957	547	410	85	55	47	13	14	3	132	24	53	259	212	110	83	45	28	10	1	....
23	Other diseases of the respiratory system (tuberculosis excepted)	449	258	191	11	111	63	35	12	12	233	16	15	46	55	19	19	16	19	11	....	....
24	Diseases of the stomach (cancer excepted)	29	13	16	....	2	2	....	....	....	4	....	....	2	1	7	6	4	3	2	....	....
25	Diarrhœa and enteritis (under 2 years)	236	140	96	6	195	41	....	....	....	236	....	....	....	....	....	....	....	....	....	....	....
26	Appendicitis and typhlitis	42	25	17	4	....	....	....	1	1	2	5	13	8	4	6	2	1	1	....	....	....
27	Hernia, intestinal obstruction	32	18	14	1	4	1	....	....	....	5	1	....	1	1	7	3	7	6	1	....	....
28	Cirrhosis of the liver	47	29	18	2	....	....	....	....	....	....	....	....	2	5	11	13	15	1	....	....	....
29	Acute nephritis and Bright's disease	396	207	189	15	5	....	....	1	1	7	3	6	15	40	59	98	86	60	20	2	....
30	Noncancerous tumors and other diseases of the female genital organs	15	....	15	....	....	....	....	....	....	....	....	....	3	2	7	2	1	....	....	....	....
31	Puerperal septicæmia (puerperal fever peritonitis)	9	....	9	....	....	....	....	....	....	....	....	....	4	4	1	....	....	....	....	....	....
32	Other puerperal accidents of pregnancy and labor	40	....	40	1	....	....	....	....	....	....	....	....	14	22	4	....	....	....	....	....	....
33	Congenital debility and malformations	246	133	113	8	242	2	1	....	....	245	1	....	....	....	....	....	1	0	4	3	....
34	Senility	17	5	12	....	....	....	....	....	....	....	....	....	....	....	2	3	7	5	1	....	....
36	Suicide	22	9	13	....	....	....	....	....	....	....	....	....	4	2	3	7	5	1	....	....	....
35	Violent deaths (suicide excepted)	317	238	79	15	12	11	6	3	8	40	29	37	41	42	45	31	27	14	10	1	....
37	Other diseases	512	269	243	14	80	6	15	7	9	117	21	20	27	34	58	76	78	43	33	5	....
38	Unknown or ill-defined diseases	2	1	1	....	1	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....
	Total	6177	3355	2822	255	873	287	155	79	65	1459	186	303	862	810	657	683	584	410	198	30	....

Estimated population, 318,769. Deaths excluding non-residents of State, 6,177. Rate per 1,000 population, 19.37.

TABLE 61.—TABULATION OF DEATHS IN KEARNY TOWN FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	1	1				1				1											
8	Diphtheria and croup	2		2				1		1	2											
9	Influenza	4	3	1						2		2					1		1			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	29	19	10									1	9	8	5	5		1			
14	Tuberculous meningitis	2	1	1			1			1	2											
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	19	9	10												3	2	12	2			
17	Simple meningitis	3	1	2		1		1		1	3											
18	Cerebral hæmorrhage and softening	12	8	4												1	2	1	6	2		
19	Organic diseases of the heart	28	10	18									4	3	1	3	2	4	7	3	1	
20	Acute bronchitis	2	1	1		1	1				2											
21	Chronic bronchitis	2	2															1	1			
22	Pneumonia	19	10	9								1	1		2	4	3	4	4			
23	Other diseases of the respiratory system (tuberculosis excepted)	11	6	5	1	4	1	2			7			1		1	1		1			
24	Diseases of the stomach (cancer excepted),	2	2			2					2											
25	Diarrhœa and enteritis (under 2 years)	10	6	4		9	1				10											
26	Appendicitis and typhlitis	1		1												1						
27	Hernia, intestinal obstruction	3	2	1		1					1			1						1		
28	Cirrhosis of the liver	1	1													1						
29	Acute nephritis and Bright's disease	33	16	17		1					1		3	1	2	6	5	5	5	5		
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1											1							
32	Other puerperal accidents of pregnancy and labor	3		3										1	1	1						
33	Congenital debility and malformations	18	7	11		16	1	1			18											
34	Senility	1	1																			
36	Suicide	3	3											1	1		1					
35	Violent deaths (suicide excepted)	32	24	8	1							1	4	4	8	3	6	2	3	1		
37	Other diseases	37	20	17		6		1	1		8	1	3			6	5	6	3	4	1	
38	Unknown or ill-defined diseases																					
	Total	279	158	126	2	41	6	6	1	4	58	8	16	25	25	37	30	34	33	12	1	

Estimated population, 24,825. Deaths excluding non-residents of State, 279. Rate per 1,000 population, 11.46.

TABLE 61A.—TABULATION OF DEATHS IN KEARNY TOWN FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	9	5	4		1	7			1	9											
6	Scarlet fever																					
7	Whooping cough	1		1		1					1											
8	Diphtheria and croup	2	1	1						1	1	1										
9	Influenza	106	47	59		4	3	2	2	1	12	2	12	37	30	7	3	3				
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	26	17	9								1	3	5	5	7	4	1				
14	Tuberculous meningitis	1	1														1					
15	Other forms of tuberculosis	1	1														1					
16	Cancer and other malignant tumors	22	4	18											4	4	4	6	3	1		
17	Simple meningitis	1		1					1		1											
18	Cerebral hæmorrhage and softening	25	10	15								1				5	1	6	7	5		
19	Organic diseases of the heart	42	23	19								1	3	1	5	3	5	11	8	5		
20	Acute bronchitis	2	1	1		1	1				2											
21	Chronic bronchitis	3	3																			
22	Pneumonia	64	40	24	1	2	2	2	1		7	1	3	15	14	6	3	1	3	3		
23	Other diseases of the respiratory system (tuberculosis excepted)	29	12	17		9	4	2	1	1	17	3		1	3			2	3			
24	Diseases of the stomach (cancer excepted),	1		1		1					1											
25	Diarrhœa and enteritis (under 2 years)	12	6	6		11	1				12											
26	Appendicitis and typhlitis	6	3	3										2	1	1	1	1				
27	Hernia, intestinal obstruction	1	1															1				
28	Cirrhosis of the liver	2	2																			
29	Acute nephritis and Bright's disease	37	23	14	1								1	1	6	2	2	9	7	8	3	
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1										1								
32	Other puerperal accidents of pregnancy and labor	4		4										3		1						
33	Congenital debility and malformations	15	9	6		14				1	15											
34	Senility																					
36	Suicide	3	3											1		1		1				
35	Violent deaths (suicide excepted)	24	19	5		1			1		2	1	1	3	6	3	4	2	2			
37	Other diseases	33	15	18		7	1				8		2	3	2	4	3	2	3	3	1	
38	Unknown or ill-defined diseases	2	1	1															2			
	Total	475	247	228	2	52	19	6	6	5	88	11	28	73	76	44	47	44	43	20	1	

Estimated population, 25,101. Deaths excluding non-residents of State, 475. Rate per 1,000 population, 18.92.

TABLE 62.—TABULATION OF DEATHS IN TOWN OF UNION FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	3	2	1								1	1			1						
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup	2	2						1		1				1							
9	Influenza	2	1	1												1	1					
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1	1			1					1											
13	Tuberculosis of the lungs	28	20	8			1				1		1	5	5	13	2	1				
14	Tuberculous meningitis	1		1										1								
15	Other forms of tuberculosis	1		1												1						
16	Cancer and other malignant tumors	18	10	8											2	4	6	3	3			
17	Simple meningitis	1	1			1					1											
18	Cerebral hæmorrhage and softening	15	10	5										1	2	4	4	2	2			
19	Organic diseases of the heart	46	25	21		1					1		3	1	4	9	8	10	7	3		
20	Acute bronchitis	2	1	1				1			1			1								
21	Chronic bronchitis	2	2																2			
22	Pneumonia	19	8	11		5	3				8				2	3	1	1	3	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	8	4	4		5					5					2				1		
24	Diseases of the stomach (cancer excepted)	4	3	1								1		1		1			1			
25	Diarrhœa and enteritis (under 2 years)	9	4	5		8	1				9											
26	Appendicitis and typhlitis	4	3	1									3						1			
27	Hernia, intestinal obstruction	1	1																1			
28	Cirrhosis of the liver	7	5	2													2	5	2			
29	Acute nephritis and Bright's disease	28	14	14									1		1	3	9	8	3	3		
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)	3		3										3								
32	Other puerperal accidents of pregnancy and labor	1		1											1							
33	Congenital debility and malformations	8	4	4		8					8											
34	Senility																					
36	Suicide	2	2											1		1						
35	Violent deaths (suicide excepted)	12	9	3				1			1	1		2	2	4		2				
37	Other diseases	46	23	23		5		1			6	1	2	3	5	6	5	7	9	3		
38	Unknown or ill-defined diseases																					
	Total	274	155	119		34	5	3	1		43	4	11	18	24	53	38	38	32	13		

Estimated population, 25,870. Deaths excluding non-residents of State, 274. Rate per 1,000 population, 10.80.

TABLE 62A.—TABULATION OF DEATHS IN TOWN OF UNION FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	3	1	2		1		2			3											
6	Scarlet fever																					
7	Whooping cough	1	1			1					1											
8	Diphtheria and croup	1	1									1										
9	Influenza	47	21	26		3	3			1	7	2	1	16	16	3	2					
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	33	22	11										3	6	5	12	4	2	1		
14	Tuberculous meningitis	2		2					1		1					1						
15	Other forms of tuberculosis	1		1												1						
16	Cancer and other malignant tumors	16	6	10													2	6	4	3	1	
17	Simple meningitis	1		1													1					
18	Cerebral hæmorrhage and softening	26	14	12		1					1				2	7	6	4	6			
19	Organic diseases of the heart	38	20	18		1					1		2	1	5	3	6	6	5	3	1	
20	Acute bronchitis	2	2											1					1			
21	Chronic bronchitis																					
22	Pneumonia	50	28	22		2	3	2	1	1	9	1	1	9	10	5	7	4	3		1	
23	Other diseases of the respiratory system (tuberculosis excepted)	20	9	11		5	1	1		1	8		3	5			1		3			
24	Diseases of the stomach (cancer excepted)	3	3									1				1		1				
25	Diarrhœa and enteritis (under 2 years)	12	5	7		10	2				12											
26	Appendicitis and typhlitis	7	4	3								1	1	3	2							
27	Hernia, intestinal obstruction	2	1	1		1					1							1				
28	Cirrhosis of the liver	3	2	1												1	1					
29	Acute nephritis and Bright's disease	20	11	9									1		4	4	3	3	4	1		
30	Noncancerous tumors and other diseases of the female genital organs	1		1													1					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	13	5	8		12	1				13								1			
34	Senility	1		1													1		1			
36	Suicide	2	1	1										1		3	2		2		1	
35	Violent deaths (suicide excepted)	10	5	4		1		1	2		4	1	1		5	2	3	3	1		1	
37	Other diseases	21	12	9																		
38	Unknown or ill-defined diseases																					
	Total	330	174	156		38	10	6	4	3	61	7	13	42	51	40	42	29	30	5	4	

Estimated population, 25,964. Deaths excluding non-residents of State, 330. Rate per 1,000 population, 12.71.

TABLE 63.—TABULATION OF DEATHS IN WEST HOBOKEN TOWN FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1												1							
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	2	2			1	1				2											
6	Scarlet fever	2	1	1								1	1									
7	Whooping cough	3	1	2		1	1	1			3											
8	Diphtheria and croup	9	6	3			2		1	2	5	3	1									
9	Influenza	2	1	1														1	1			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	2	2			1					1	1										
13	Tuberculosis of the lungs	50	26	24										4	20	7	11	5	2	1		
14	Tuberculous meningitis	5	4	1		1	2			1	4	1										
15	Other forms of tuberculosis	6	4	2						1	1	1	1	1	2							
16	Cancer and other malignant tumors	26	14	12											2	3	12	5	3	1		
17	Simple meningitis	4	2	2		1		1	1		3					1						
18	Cerebral hæmorrhage and softening	27	17	10		1					1				1	3	7	5	7	3		
19	Organic diseases of the heart	59	35	24			1				1		3	2	4	6	11	18	12	2		
20	Acute bronchitis	5	1	4		2					2							2		1		
21	Chronic bronchitis	1	1																	1		
22	Pneumonia	48	31	17		6	5		2		13	1	1	5	5	5	9	4	3	2		
23	Other diseases of the respiratory system (tuberculosis excepted)	29	15	14		9	4	1		1	15	1	2		2		2	3	3	1		
24	Diseases of the stomach (cancer excepted),																					
25	Diarrhœa and enteritis (under 2 years)	23	13	10		23					23			1	2	1	1					
26	Appendicitis and typhlitis	5	4	1												1		1	1			
27	Hernia, intestinal obstruction	3		3												1	2	5	1	2		
28	Cirrhosis of the liver	11	7	4												1	2	5	1	2		
29	Acute nephritis and Bright's disease	56	30	26		1				1	2			3	3	3	10	12	11	5	2	
30	Noncancerous tumors and other diseases of the female genital organs	2		2										1			1					
31	Puerperal septicæmia (puerperal fever, peritonitis)	3		3										2	1							
32	Other puerperal accidents of pregnancy and labor	4		4										3		1						
33	Congenital debility and malformations	33	19	14		32				1	33											
34	Senility	4		4														1	1	2		
36	Suicide	8	6	2										1	2	3	2					
35	Violent deaths (suicide excepted)	23	15	8						1	1	5	3	4	3	1	3	2	1			
37	Other diseases	63	28	35		6			3		3	12	2	3	2	6	11	8	6	5	8	
38	Unknown or ill-defined diseases																					
	Total	519	286	233		85	16	6	5	10	122	16	20	46	42	56	77	68	49	26	2	

Estimated population, 44,385. Deaths excluding non-residents of State, 519. Rate per 1,000 population, 11.69.

TABLE 63A.—TABULATION OF DEATHS IN WEST HOBOKEN TOWN FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	2	1	1										1				1				
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	1	1			1					1											
6	Scarlet fever																					
7	Whooping cough	6	1	5		2	4				6											
8	Diphtheria and croup	7	2	5					1		1	2	1									
9	Influenza	105	54	51			6	1	2	2	11	6	11	26	29	15	6		1			
10	Asiatic cholera																					
11	Cholera nostras														1					1		
12	Other epidemic diseases	3		3		1					1			4	15	15	13	8	1			
13	Tuberculosis of the lungs	56	37	19	1											1						
14	Tuberculous meningitis	3	1	2		1	1				2				1	1						
15	Other forms of tuberculosis	4	2	2		1					1	1		1	1							
16	Cancer and other malignant tumors	26	18	18				1			1			1	4	4	8	3	4	1		
17	Simple meningitis	4		4		2				1	3								1			
18	Cerebral hæmorrhage and softening	37	21	16									1	1	2		10	8	13		2	
19	Organic diseases of the heart	69	34	35		1		1			2	2	2	6	2	7	18	17	15	2	1	
20	Acute bronchitis	3	2	1		1					1								1			
21	Chronic bronchitis	2	1	1											1		1					
22	Pneumonia	71	51	20		5	4	2		1	12	1	5	17	21	7	4	4				
23	Other diseases of the respiratory system (tuberculosis excepted)	45	24	21		5	3	4	2		14	1	3	8	7	4	2	4	2			
24	Diseases of the stomach (cancer excepted),	2	1	1		1					1					1						
25	Diarrhœa and enteritis (under 2 years)	16	12	4		13	3				16											
26	Appendicitis and typhlitis	4	3	1									2	1				1				
27	Hernia, intestinal obstruction															1						
28	Cirrhosis of the liver	9	7	2										2	4	4	6	7	9	5	3	
29	Acute nephritis and Bright's disease	40	20	20																		
30	Noncancerous tumors and other diseases of the female genital organs	1		1													1					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	3		3										2	1							
33	Congenital debility and malformations	23	17	6		23					23									1	2	1
34	Senility	4	1	3																		
36	Suicide	3	1	2										1	1	1						
35	Violent deaths (suicide excepted)	24	15	9					2		2	1	6	5	2	2	3	2	1			
37	Other diseases	68	35	33		9	1	1	5		16	1	2	4	7	7	10	11	7	3		
38	Unknown or ill-defined diseases																					
	Total	641	357	284	1	66	22	11	11	7	117	15	38	94	100	68	75	64	52	14	4	

Estimated population, 45,681. Deaths excluding non-residents of State, 641. Rate per 1,000 population, 14.04.

TABLE 64.—TABULATION OF DEATHS IN WEST NEW YORK TOWN FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever	1		1					1		1											
7	Whooping cough	7	3	4		6	1				7											
8	Diphtheria and croup	10	6	4		1		1	1		3	6	1									
9	Influenza	1	1																		1	
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	3	2	1		3					3											
13	Tuberculosis of the lungs	31	21	10			1				1		2	6	8	8	4	2				
14	Tuberculous meningitis	4	1	3		1	1	1			3	1										
15	Other forms of tuberculosis	1	1													1						
16	Cancer and other malignant tumors	20	9	11												3	7	4	6			
17	Simple meningitis	2	2					2			2											
18	Cerebral hæmorrhage and softening	8	4	4														5	2	1		
19	Organic diseases of the heart	40	22	18			1				1			2	5	10	8	6	5	3		
20	Acute bronchitis	1	1				1				1											
21	Chronic bronchitis	1	1													1						
22	Pneumonia	27	15	12		9					9			2	3	5	3	2	3			
23	Other diseases of the respiratory system (tuberculosis excepted)	13	12	1	1	6	2	2	2		12			1								
24	Diseases of the stomach (cancer excepted),																					
25	Diarrhœa and enteritis (under 2 years)	14	9	5		13	1				14											
26	Appendicitis and typhlitis	1		1						1	1											
27	Hernia, intestinal obstruction	4	3	1		1		1			2				1			1				
28	Cirrhosis of the liver	3	1	2												1	1		1			
29	Acute nephritis and Bright's disease	28	13	15								1	2	3	5	2	4	9		2		
30	Noncancerous tumors and other diseases of the female genital organs	1		1											1							
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	1		1										1								
33	Congenital debility and malformations	20	8	12		19					19		1									
34	Senility	1		1																	1	
36	Suicide	7	6	1										1	2	1		1	2			
35	Violent deaths (suicide excepted)	28	17	6		3	2		1		6	1	2	3	2	7	2					
37	Other diseases	37	18	19		7			1		8		2	2	1	5	8	7	3	1		
38	Unknown or ill-defined diseases																					
	Total	310	176	134	1	69	10	7	6	1	93	9	10	21	28	44	37	37	22	8	1	

Estimated population, 19,618. Deaths excluding non-residents of State, 310. Rate per 1,000 population, 15.80.

TABLE 64A.—TABULATION OF DEATHS IN WEST NEW YORK TOWN FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	7	2	5			6	1			7											
6	Scarlet fever	1		1					1		1											
7	Whooping cough	7	1	6		2	4			1	7											
8	Diphtheria and croup	3		3					2	1	3											
9	Influenza	72	32	40			3		3		6	3	3	21	23	12	2	1		1		
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1		1																		
13	Tuberculosis of the lungs	37	24	13									3	15	6	9	1	1	1	1		
14	Tuberculous meningitis	1	1					1			1											
15	Other forms of tuberculosis	1	1																			
16	Cancer and other malignant tumors	20	12	8												1						
17	Simple meningitis	2	1	1		2					2				5	2	7	3	3			
18	Cerebral hæmorrhage and softening	16	7	9		1					1											
19	Organic diseases of the heart	27	11	16													3	6	5	1		
20	Acute bronchitis	5	4	1								1		2	3	3	3	7	3	4	1	
21	Chronic bronchitis	1	1			1	2				3							1	1			
22	Pneumonia	45	18	27	1	2	2	1	1	2	8	5	2	11	4	6	5	3	1			
23	Other diseases of the respiratory system (tuberculosis excepted)	37	20	17		15	1		2	1	19		1	5	5	2	1		2	2		
24	Diseases of the stomach (cancer excepted),	1		1													1					
25	Diarrhœa and enteritis (under 2 years)	15	9	6		13	2				15											
26	Appendicitis and typhlitis	3	1	2									2	1								
27	Hernia, intestinal obstruction	2	2									1						1				
28	Cirrhosis of the liver	1	1															1				
29	Acute nephritis and Bright's disease	16	9	7				1			1			3	1	2	1	5	3			
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	1		1										1								
33	Congenital debility and malformations	33	24	9		32		1			33											
34	Senility																					
36	Suicide	3	2	1											1	1	1					
35	Violent deaths (suicide excepted)	14	9	5		1		1	1		3	3	2	1	4	1		1				
37	Other diseases	28	14	14		4		1	2		7	1	1	2	4	4	4	3	2			
38	Unknown or ill-defined diseases																					
	Total	400	206	194	1	73	20	7	12	5	117	14	14	62	56	44	31	30	22	9	1	

Estimated population, 20,458. Deaths excluding non-residents of State, 400. Rate per 1,000 population, 19.55.

TABLE 65.—TABULATION OF DEATHS IN PRINCETON BOROUGH FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup																					
9	Influenza																					
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	14	9	5	8									6	3	3		2				
14	Tuberculous meningitis																					
15	Other forms of tuberculosis	1	1															1				
16	Cancer and other malignant tumors	10	5	5	2										1	1	4	3	1			
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	11	3	8	4									1			3	2	3	2		
19	Organic diseases of the heart	10	4	6													2	4	3	1		
20	Acute bronchitis																					
21	Chronic bronchitis																					
22	Pneumonia	4	1	3												1		1	2			
23	Other diseases of the respiratory system (tuberculosis excepted)	4	1	3		2	1				3								1			
24	Diseases of the stomach (cancer excepted),	2	1	1	1											1	1					
25	Diarrhœa and enteritis (under 2 years)	3	3		1	2	1				3											
26	Appendicitis and typhlitis	2	2										1		1							
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	6	5	1	2													1	5			
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	3		3	1								1	1	1							
33	Congenital debility and malformations	11	6	5	1	11					11											
34	Senility	2	1	1															1	1		
36	Suicide	1	1														1					
35	Violent deaths (suicide excepted)	10	6	4	3		1				1			2		2	2		2	1		
37	Other diseases	17	9	8	2	3	1				4		1		2		5	4			1	
38	Unknown or ill-defined diseases	1		1	1													1				
	Total	112	58	54	26	18	4				22		3	10	8	8	18	18	17	6	2	

Estimated population, 6,038. Deaths excluding non-residents of State, 112. Rate per 1,000 population, 18.54.

TABLE 65A.—TABULATION OF DEATHS IN PRINCETON BOROUGH FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1												1							
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	8	2	6	4	2	1	3	2		8											
8	Diphtheria and croup																					
9	Influenza	21	7	14	4	1		2	1		4	1		7	7			1		1		
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	10	6	4	4									4	4	1	1					
14	Tuberculous meningitis																					
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	7	1	6	1				1		1					1	2	2		1		
17	Simple meningitis	1		1		1					1											
18	Cerebral hæmorrhage and softening	8	4	4												1	1	3	3			
19	Organic diseases of the heart	13	5	8	3								2			1	1	1	2	6		
20	Acute bronchitis	2	1	1			1				1							1				
21	Chronic bronchitis	1	1																			
22	Pneumonia	11	7	4	3													1				
23	Other diseases of the respiratory system (tuberculosis excepted)	3	1	2		1					1				3	2	1		2		1	
24	Diseases of the stomach (cancer excepted),														1					1		
25	Diarrhœa and enteritis (under 2 years)	2	2			2					2											
26	Appendicitis and typhlitis																					
27	Hernia, intestinal obstruction	3		3				1			1					1		1				
28	Cirrhosis of the liver	1	1																			
29	Acute nephritis and Bright's disease	13	8	5	4										1	3		4	2	3		
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	2	1	1	1	2					2											
34	Senility	1		1	1																	
36	Suicide																				1	
35	Violent deaths (suicide excepted)	4	3	1																		
37	Other disease	12	8	4				1		1	2	1		1	1			3	1	1		
38	Unknown or ill-defined diseases																			4		
	Total	124	59	65	25	9	2	7	4	1	28	2	3	15	17	11	6	18	10	17	2	

Estimated population, 6,168. Deaths excluding non-residents of State, 124. Rate per 1,000 population, 20.12.

TABLE 66.—TABULATION OF DEATHS IN TRENTON CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	8	6	2									1	4	1	2						
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	3	2	1		2	1				3											
6	Scarlet fever																					
7	Whooping cough	10	4	6	1	6	4				10											
8	Diphtheria and croup	31	17	14		2	9	5	3	3	22	7	1	1		1	1			2		1
9	Influenza	9	4	5			1			2	3	1										
10	Asiatic cholera																		1			
11	Cholera nostras	1		1															1			
12	Other epidemic diseases	6	4	2		3				1	4				1							
13	Tuberculosis of the lungs	204	138	66	14	1					1		12	52	42	38	39	15	5			
14	Tuberculous meningitis	13	8	5		2	2	4	2	1	11	1	1									
15	Other forms of tuberculosis	10	5	5	3	2	1				3			1	2	2		1	1			
16	Cancer and other malignant tumors	101	43	58	1								2	2	10	19	29	21	18	5		
17	Simple meningitis	10	5	5		4	2	1	1	1	9								1			
18	Cerebral hæmorrhage and softening	111	49	62	7										1	10	20	32	29	17	2	
19	Organic diseases of the heart	149	78	71	2	2					2	2	3	10	8	18	27	34	31	14		
20	Acute bronchitis	6	3	3	1	5					5									1		
21	Chronic bronchitis	3	2	1															2			
22	Pneumonia	144	77	67	8	39	8	2	1	3	53	3	3	7	15	13	10	18	12	4		
23	Other diseases of the respiratory system (tuberculosis excepted)	89	43	46	5	47	7	2	1	2	59	1			3	3	4	6	8	4	1	
24	Diseases of the stomach (cancer excepted),	11	4	7	1		1	1			2			2		2	2	1	2			
25	Diarrhœa and enteritis (under 2 years)	97	61	36		82	15				97											
26	Appendicitis and typhlitis	10	6	4								1	5	2		1		1				
27	Hernia, intestinal obstruction	9	7	2	1	2	2	1			5				2	5	1	1	1	1		
28	Cirrhosis of the liver	21	13	8														1				
29	Acute nephritis and Bright's disease	142	83	59	4	1					1	1	1	6	7	19	35	40	21	11		
30	Noncancerous tumors and other diseases of the female genital organs	6		6	2								1		1	2	1		1			
31	Puerperal septicæmia (puerperal fever, peritonitis)	10		10										7	2	1						
32	Other puerperal accidents of pregnancy and labor	10		10										6	4							
33	Congenital debility and malformations	133	75	58	3	131				1	132			1						1		
34	Senility	2	1	1															1			
36	Suicide	12	5	7									1	2	3	3	1	2				
35	Violent deaths (suicide excepted)	89	68	21	3	2			3	6	4	15	5	8	14	11	10	11	9	4	2	
37	Other diseases	244	121	123	7	51	3	3	3	1	61	6	3	13	23	20	31	31	35	18	3	
38	Unknown or ill-defined diseases	2	2				1				1										1	
	Total	1706	984	772	63	384	57	22	18	18	499	28	42	132	140	165	224	219	171	78	8	

Estimated population, 113,974. Deaths excluding non-residents of State, 1,706. Rate per 1,000 population, 14.96.

TABLE 66A.—TABULATION OF DEATHS IN TRENTON CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	5	5					1			1			4								
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	7	6	1	2	2	4	1			7											
6	Scarlet fever																					
7	Whooping cough	17	11	6	3	9	5		1		15	1							1			
8	Diphtheria and croup	28	14	14	1		4	6	4	3	17	6	3		2							
9	Influenza	734	382	352	28	22	32	20	9	12	95	23	53	241	222	62	22	9	5	2		
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	2	2									1					1					
13	Tuberculosis of the lungs	191	126	65	10	4	1	1			6	2	15	58	42	39	22	11	1			
14	Tuberculous meningitis	12	3	9	1	3	4		1	1	9	2	1									
15	Other forms of tuberculosis	7	2	5					1		1	1		1	1			1	2			
16	Cancer and other malignant tumors	96	28	68	2										6	18	32	27	16	2		
17	Simple meningitis	11	9	2		8	1				9	2										
18	Cerebral hæmorrhage and softening	122	66	56	10	2					2		1	1	4	6	26	33	31	15	3	
19	Organic diseases of the heart	173	85	88		3					3	3	7	10	11	25	25	29	44	11	5	
20	Acute bronchitis	7	6	1	1	4	1				5								2			
21	Chronic bronchitis	3		3														1	2			
22	Pneumonia	302	181	121	15	36	19	12	4	3	74	7	16	65	56	29	27	12	11	5		
23	Other diseases of the respiratory system (tuberculosis excepted)	180	94	86	10	68	29	18	3	1	119	7	4	10	14	6	5	5	7	3		
24	Diseases of the stomach (cancer excepted),	12	7	5	1	4					4	1		2	1		1	2	1			
25	Diarrhœa and enteritis (under 2 years)	88	49	39		77	11				88											
26	Appendicitis and typhlitis	5	4	1								1	3		1							
27	Hernia, intestinal obstruction	14	8	6		2					2				2	2	1	5	2			
28	Cirrhosis of the liver	9	7	2												3	3	3				
29	Acute nephritis and Bright's disease	129	71	58	7							2	2	4	10	16	29	34	24	8		
30	Noncancerous tumors and other diseases of the female genital organs	4		4										1	1		1		1			
31	Puerperal septicæmia (puerperal fever, peritonitis)	8		8										3	5							
32	Other puerperal accidents of pregnancy and labor	21		21	1									12	8	1						
33	Congenital debility and malformations	124	69	55	10	121	2	1			124											
34	Senility	5		5	1														2	3		
36	Suicide	18	9	4	3									3	4	1	3	2				
35	Violent deaths (suicide excepted)	104	68	36	2	4	1	3	2	4	14	11	11	7	18	17	14	3	5	2	2	
37	Other diseases	198	105	93	9	27	6	7	2	1	43	6	4	10	11	21	23	29	33	16	2	
38	Unknown or ill-defined diseases																					
	Total	2631	1417	1214	117	396	120	70	27	25	638	76	120	427	414	242	234	212	189	67	12	

Estimated population, 116,355. Deaths excluding non-residents of State, 2,631. Rate per 1,000 population, 22.61.

TABLE 67.—TABULATION OF DEATHS IN NEW BRUNSWICK CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	5	4	1									2	2		1						
2	Typhus fever																					
3	Malaria	1	1														1					
4	Smallpox																					
5	Measles	4	3	1		1					1	2	1									
6	Scarlet fever	1		1				1			1											
7	Whooping cough	1	1			1					1											
8	Diphtheria and croup	6	4	2			1	3	1		5	1										
9	Influenza	2	1	1									1					1				
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	2	1	1		1					1								1			
13	Tuberculosis of the lungs	44	26	18	3	1	2				3		3	13	14	6	3	2				
14	Tuberculous meningitis	4		4		3					3			1				1				
15	Other forms of tuberculosis	4	2	2										3				1				
16	Cancer and other malignant tumors	23	9	14											1	7	4	5	4	1	1	
17	Simple meningitis	6	5	1		2	2	1			5				1		2	3	12	6	3	
18	Cerebral hæmorrhage and softening	26	15	11	3											2	3	12	6	3		
19	Organic diseases of the heart	52	25	27	3							3	4	3	4	2	9	11	8	5	3	
20	Acute bronchitis	4	2	2		4					4											
21	Chronic bronchitis																					
22	Pneumonia	30	20	16	4		1				1	1		6	8	6	2	0	2	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	32	20	12	1	11	2	1		1	15	1		1			1	5	6	3		
24	Diseases of the stomach (cancer excepted),	7	4	3		4					4					1		1	1			
25	Diarrhœa and enteritis (under 2 years)	41	19	22		34	7				41											
26	Appendicitis and typhlitis	1		1										1								
27	Hernia, intestinal obstruction	1		1								1										
28	Cirrhosis of the liver	1		1										1								
29	Acute nephritis and Bright's disease	40	16	24	5								3	2	1	6	11	10	6	1		
30	Noncancerous tumors and other diseases of the female genital organs	1		1											1							
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1									1									
32	Other puerperal accidents of pregnancy and labor	2		2										2								
33	Congenital debility and malformations	47	28	19	2	44	3				47								1	2		
34	Senility	3	2	1															1			
36	Suicide	3	1	2									1		1							
35	Violent deaths (suicide excepted)	42	33	9		2		2			4	5	2	8	5	4	7	5	2			
37	Other diseases	75	41	34	6	8	1	2			11	3	5	6	11	5	6	10	14	4		
38	Unknown or ill-defined diseases	6	3	3	1	4	1	1			6											
	Total	524	286	238	28	120	20	11	1	1	153	17	28	49	47	40	47	72	52	20	4	

Estimated population, 25,855. Deaths excluding non-residents of State, 524. Rate per 1,000 population, 20.26.

TABLE 67A.—TABULATION OF DEATHS IN NEW BRUNSWICK CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	7	3	4								1	1	2	1	2						
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	5	2	3		1	4				5											
6	Scarlet fever	4	1	3			1				1	2										
7	Whooping cough	7	2	5		3	3				7				1							
8	Diphtheria and croup	3	2	1			1				1	2										
9	Influenza	189	103	86	6	6	3	7	6	4	26	9	14	50	55	15	7	1	3			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	79	38	41	11	1	1	1			3	1	6	28	19	9	9	4				
14	Tuberculous meningitis	2	1	1		1	1				2											
15	Other forms of tuberculosis	5	2	3	1				1		1		1	2		1						
16	Cancer and other malignant tumors	32	11	21	1										1	7	8	8	7		1	
17	Simple meningitis	1		1										1								
18	Cerebral hæmorrhage and softening	41	20	21	3										3	1	10	12	10	4	1	
19	Organic diseases of the heart	67	34	33	4	1					1	1	6	2	5	7	12	9	20	4		
20	Acute bronchitis	1		1		1					1											
21	Chronic bronchitis	1		1														1				
22	Pneumonia	67	38	29	1	9	1		1	1	12	2	5	17	11	7	6	2	3	1	1	
23	Other diseases of the respiratory system (tuberculosis excepted)	49	26	23	1	10	3	4	1	1	19		2	5	10	2	4	3	3	1		
24	Diseases of the stomach (cancer excepted),	5	4	1	1	1	1				2				1				1	1		
25	Diarrhœa and enteritis (under 2 years)	55	26	29	1	46	9				55											
26	Appendicitis and typhlitis	3	1	2	1							1				2						
27	Hernia, intestinal obstruction	4	2	2														1	1	2		
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	37	21	16	10								1	1	5	4	9	10	6	1		
30	Noncancerous tumors and other diseases of the female genital organs	2		2												2						
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1											1							
32	Other puerperal accidents of pregnancy and labor	3		3											1	2						
33	Congenital debility and malformations	46	25	21	2	44	2				46											
34	Senility	5	2	3														1		2	2	
36	Suicide	4	3	1	1										2	1	1					
35	Violent deaths (suicide excepted)	54	43	11	3	5	2	2		2	11	3	3		7	8	9	9	2	2		
37	Other diseases	63	31	32	6	12		1	2		15			1	7	4	13	9	8	6		
38	Unknown or ill-defined diseases	3	2	1		3					3											
	Total	845	448	402	55	144	32	16	11	8	211	22	39	122	131	70	89	69	65	22	5	

Estimated population, 26,198. Deaths excluding non-residents of State, 845. Rate per 1,000 population, 32.25.

TABLE 68.—TABULATION OF DEATHS IN PERTH AMBOY CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1												1							
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever	1	1					1			1											
7	Whooping cough	1	1					1			1											
8	Diphtheria and croup	9	5	4		1	1		3	1	6	3					1		1			
9	Influenza	3	3													1	1					
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	3	2	1		1					1						2					
13	Tuberculosis of the lungs	47	27	20	3	1				1	2	2	2	14	15	8	4					
14	Tuberculous meningitis	4	3	1		2	1				3			1	1							
15	Other forms of tuberculosis	7	3	4	1	1			1		2		1	1		1	2	1				
16	Cancer and other malignant tumors	28	11	12	1								1		1	8	8	3	2			
17	Simple meningitis	9	4	5		4	1		1		6	3										
18	Cerebral hæmorrhage and softening	21	8	13												6	3	6	6			
19	Organic diseases of the heart	54	28	26		2					2			2	3	7	6	9	10	12	3	
20	Acute bronchitis	5	3	2		3					3								1		1	
21	Chronic bronchitis	2	2			1					1						1					
22	Pneumonia	37	28	9	3	16	2	3			21				3	3	3	2	4		1	
23	Other diseases of the respiratory system (tuberculosis excepted)	28	14	14		8	9				17				1	1	1		4	2	2	
24	Diseases of the stomach (cancer excepted),	4	4			1					1					1	1	1				
25	Diarrhœa and enteritis (under 2 years)	80	48	32		64	16				80											
26	Appendicitis and typhlitis	2	1	1								1	1									
27	Hernia, intestinal obstruction	1		1															1			
28	Cirrhosis of the liver	3	2	1												1	1	1				
29	Acute nephritis and Bright's disease	31	18	18				1			1	1	2	1	3	3	3	4	2		1	
30	Noncancerous tumors and other diseases of the female genital organs	1		1												1						
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1										1								
32	Other puerperal accidents of pregnancy and labor	4		4										1	3							
33	Congenital debility and malformations	57	38	19		57					57											
34	Senility	2	1	1															1	1		
36	Suicide	6	4	2											3		1	1		1		
35	Violent deaths (suicide excepted)	66	53	13		2	2	2	2		8	2	4	16	15	10	7		3	1		
37	Other diseases	84	55	29	1	25	1	6	2	1	35		3	4	8	5	15	8	4	2		
38	Unknown or ill-defined diseases	4	1	3		2	1	1			4											
	Total	601	364	237	9	191	84	15	9	3	252	12	15	48	61	61	62	45	32	12	1	

Estimated population, 42,645. Deaths excluding non-residents of State, 601. Rate per 1,000 population, 14.09.

TABLE 68A.—TABULATION OF DEATHS IN PERTH AMBOY CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1		1									1									
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	19	14	5		6	5	2	2	3	18	1										
6	Scarlet fever																					
7	Whooping cough	7	4	3		2	3	1	1		7											
8	Diphtheria and croup	4	4				3				3	1										
9	Influenza	278	160	118	3	10	10	0	0	1	39	6	22	94	73	20	0	1	4			1
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1	1															1				
13	Tuberculosis of the lungs	69	43	26		1					1		5	20	22	12	5	4				
14	Tuberculous meningitis	5	2	3			1	3			4		1									
15	Other forms of tuberculosis	3	3						1		1						1		1			
16	Cancer and other malignant tumors	28	19	9										2	2	9	5	8	2			
17	Simple meningitis	7	4	3			2	1	2		5	1	1									
18	Cerebral hæmorrhage and softening	20	13	7												4	7	5	4			
19	Organic diseases of the heart	44	22	22	1	2			1		3		1		5	10	11	9	3	2		
20	Acute bronchitis	11	4	7		6	3				9						1	1				
21	Chronic bronchitis	1	1														1					
22	Pneumonia	129	77	52	3	27	14	2	1	4	48	3	2	26	21	9	10	8	1	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	110	55	55	1	35	13	8	3	8	67		2	11	16	8	2	2	1	1		
24	Diseases of the stomach (cancer excepted),	5	2	3		3					3				1	1						
25	Diarrhœa and enteritis (under 2 years)	57	34	23		49	8				57											
26	Appendicitis and typhlitis	7	6	1									2	1	1	1	1	1				
27	Hernia, intestinal obstruction	2	1	1		1					1							1				
28	Cirrhosis of the liver	3	3													2	1					
29	Acute nephritis and Bright's disease	31	18	13										1	6	6	9	4	3	1	1	
30	Noncancerous tumors and other diseases of the female genital organs	1		1												1						
31	Puerperal septicæmia (puerperal fever, peritonitis)	5		5									1	4								
32	Other puerperal accidents of pregnancy and labor	3		3									1	1	1							
33	Congenital debility and malformations	61	35	26	1	59	2				61											
34	Senility	3	2	1																		
36	Suicide	2	2												1	1				1	1	1
35	Violent deaths (suicide excepted)	60	48	12	2	1	4		1	1	7	5	10	12	7	5	6	5	1	2		
37	Other diseases	66	44	22		14	1		2	3	20	1	3	3	8	5	7	11	6	2		
38	Unknown or ill-defined diseases	5	2	3		4					4				1							
	Total	1048	623	425	11	220	69	26	23	20	358	18	52	176	165	103	75	62	26	10	2	1

Estimated population, 44,105. Deaths excluding non-residents of State, 1,048. Rate per 1,000 population, 23.76.

TABLE 69.—TABULATION OF DEATHS IN ROOSEVELT BOROUGH FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	2	1	1											1		1					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup																					
9	Influenza	1		1		1					1											
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1		1		1					1											
13	Tuberculosis of the lungs	6	4	2									1	3		1	1					
14	Tuberculous meningitis																					
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	5	3	2											1	1	1	2				
17	Simple meningitis	2	2							1	1				1							
18	Cerebral hæmorrhage and softening	1		1														1				
19	Organic diseases of the heart	7	4	3								1	1	2		1		1	1			
20	Acute bronchitis	4	2	2		4					4											
21	Chronic bronchitis																					
22	Pneumonia	13	9	4		3	4			1	8			2	1	2						
23	Other diseases of the respiratory system (tuberculosis excepted)	15	7	8		9	3				12					1	2					
24	Diseases of the stomach (cancer excepted),	5	3	2		2					2					1	1	1				
25	Diarrhœa and enteritis (under 2 years)	36	23	13		30	6				36											
26	Appendicitis and typhlitis	1		1											1							
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	9	5	4									1		2		2	3	1			
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)	3		3										2	1							
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	16	9	7		16					16											
34	Senility	1	1																		1	
36	Suicide	1	1													1						
35	Violent deaths (suicide excepted)	15	11	4		1					1			6	1	5		2				
37	Other diseases	9	2	7		1	2	1			4		1		2	1	1					
38	Unknown or ill-defined diseases																					
	Total	154	88	66		68	15	1		2	86	1	4	15	12	14	9	9	3	1		

Estimated population, 7,821. Deaths excluding non-residents of State, 154. Rate per 1,000 population, 19.69.

TABLE 69A.—TABULATION OF DEATHS IN ROOSEVELT BOROUGH FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	2	2				1	1			2											
6	Scarlet fever																					
7	Whooping cough	2	2			1				1	2											
8	Diphtheria and croup	1	1						1		1											
9	Influenza	94	66	28		3	6	1	2	3	15	6	4	29	30	9		1				
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases														3	4	1	2				
13	Tuberculosis of the lungs	10	7	3																		
14	Tuberculous meningitis																					
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	4	2	2													2	1	1			
17	Simple meningitis	1		1			1				1											
18	Cerebral hæmorrhage and softening	1	1														1					
19	Organic diseases of the heart	5	4	1		2					2							2	1			
20	Acute bronchitis	4	1	3		4					4											
21	Chronic bronchitis																					
22	Pneumonia	42	26	16	1	10	3	1			14	2	1	18	6	3	1	1	1			
23	Other diseases of the respiratory system (tuberculosis excepted)	11	4	7		3	2	1			6	1		3	1							
24	Diseases of the stomach (cancer excepted),	1		1													1					
25	Diarrhœa and enteritis (under 2 years)	27	12	15		21	6				27											
26	Appendicitis and typhlitis	2	2									1		1								
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver	1	1															1				
29	Acute nephritis and Bright's disease	7	4	3		1					1				1	3		1	1			
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	3		3										1	2							
33	Congenital debility and malformations	15	8	7		15					15											
34	Senility																					
36	Suicide																					
35	Violent deaths (suicide excepted)	14	12	2				1		1	2			2	2	4	4					
37	Other diseases	13	9	4		5		2		1	8				2	2	1					
38	Unknown or ill-defined diseases	1		1															1			
	Total	261	164	97	1	65	19	7	3	6	100	10	5	52	48	26	12	5	3			

Estimated population, 8,103. Deaths excluding non-residents of State, 261. Rate per 1,000 population, 32.21.

TABLE 70.—TABULATION OF DEATHS IN SOUTH AMBOY CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	1		1		1					1											
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup	1		1								1										
9	Influenza	1		1		1					1											
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	8	6	2										1	3	2	1	1				
14	Tuberculous meningitis																					
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	10	1	9											1		4	3	1	1		
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	5	3	2																		
19	Organic diseases of the heart	13	11	2										1		1	1	5	3	1		
20	Acute bronchitis	1	1			1					1											
21	Chronic bronchitis																					
22	Pneumonia	6	5	1		1					1		2				1	1	1			
23	Other diseases of the respiratory system (tuberculosis excepted)	3	1	2		2					2							1				
24	Diseases of the stomach (cancer excepted)																					
25	Diarrhœa and enteritis (under 2 years)	7	6	1		6	1				7											
26	Appendicitis and typhlitis	1		1											1							
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	9	4	5								3				1	3	2				
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	2		2									1		1							
33	Congenital debility and malformations	9	5	4		9					9											
34	Senility	2	1	1	1																	
36	Suicide																	1		1		
35	Violent deaths (suicide excepted)	17	14	3			2	1			3	1	2	1	4	2	4					
37	Other diseases	17	13	4					1	1	2			1	1		3	4	6			
38	Unknown or ill-defined diseases																					
	Total	118	71	42	1	21	3	1	1	1	27	5	6	3	12	6	17	19	15	3		

Estimated population; 7,487. Deaths excluding non-residents of State, 113. Rate per 1,000 population, 15.09.

TABLE 70A.—TABULATION OF DEATHS IN SOUTH AMBOY CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	2	2					2			2											
8	Diphtheria and croup	1	1									1										
9	Influenza	25	12	13		1					1	1	4	8	4	3	3		1			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	8	5	3									1	1	4		2					
14	Tuberculous meningitis	2	1	1		1					1	1										
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	7	4	3													1	3	1	2		
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	12	7	5										1	2		2	2	3	2		
19	Organic diseases of the heart	29	20	9								1	2	1	3	2	7	3	3	2		
20	Acute bronchitis	2	1	1		1					1								1			
21	Chronic bronchitis																					
22	Pneumonia	60	33	27		2	2	1		4	9	2	3	15	16	8	1	4	2			
23	Other diseases of the respiratory system (tuberculosis excepted)	13	10	3		4	2	1	1	1	9			1	1		1		1			
24	Diseases of the stomach (cancer excepted)																					
25	Diarrhœa and enteritis (under 2 years)	8	3	5		3	5				8											
26	Appendicitis and typhlitis																					
27	Hernia, intestinal obstruction	1	1															1				
28	Cirrhosis of the liver	1	1															1				
29	Acute nephritis and Bright's disease	8	3	5											1	2	2	2	1			
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	2		2		2					2											
34	Senility																					
36	Suicide	1	1														1					
35	Violent deaths (suicide excepted)	70	69	1			1				1		2	6	5	3	5	2	1			40
37	Other diseases	17	11	6		1	1	1			3			1		2	3	4	4			
38	Unknown or ill-defined diseases	1	1			1					1											
	Total	270	186	84		16	11	5	1	5	38	6	12	34	36	25	28	22	28	6		40

Estimated population, 7,554. Deaths excluding non-residents of State, 270. Rate per 1,000 population, 35.74.

TABLE 71.—TABULATION OF DEATHS IN ASBURY PARK CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1										1									
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	2	1	1				1			1		1									
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup																					
9	Influenza	2	1	1												1	1					
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	12	4	8	5								3		3		5	1				
14	Tuberculous meningitis																					
15	Other forms of tuberculosis	1	1									1										
16	Cancer and other malignant tumors	12	2	10	3											6	1	4	1			
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	14	7	7	3												3	3	1	6	1	
19	Organic diseases of the heart	18	8	10	8				1		1						3	7	4	2	1	
20	Acute bronchitis	1	1		1														1			
21	Chronic bronchitis	1		1															1			
22	Pneumonia	6	2	4	1	1					1						1	1	2	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	9	5	4	2	3			1		4		1				2	1		1		
24	Diseases of the stomach (cancer excepted),	4	2	2		2					2					1			1			
25	Diarrhœa and enteritis (under 2 years)	7	5	2		4	3				7											
26	Appendicitis and typhlitis	1	1														1					
27	Hernia, intestinal obstruction	1	1					1			1											
28	Cirrhosis of the liver	3	2	1	1												1	1		1		
29	Acute nephritis and Bright's disease	33	18	15	11	1					1			2	1	4	12	8	4	1		
30	Noncancerous tumors and other diseases of the female genital organs	1		1											1							
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1											1							
32	Other puerperal accidents of pregnancy and labor	1		1										1								
33	Congenital debility and malformations	6	2	4		6					6											
34	Senility	2	1	1	1														1		1	
35	Suicide	1	1													1						
36	Violent deaths (suicide excepted)	8	4	4	2									2	1	1	2		1	1		
37	Other diseases	46	22	24	13	9		1			10		1		1	7	5	10	5	4	3	
38	Unknown or ill-defined diseases																					
	Total	194	92	102	52	26	3	3	2		34	1	7	5	8	22	37	35	23	16	6	

Estimated population, 14,629. Deaths excluding non-residents of State, 194. Rate per 1,000 population, 13.27.

TABLE 71A.—TABULATION OF DEATHS IN ASBURY PARK CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever												1									
3	Malaria	1		1																		
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	3	2	1		1	1		1		3											
8	Diphtheria and croup	36	16	20	10	1	1		1		3		6	15	3	5	1	1	2			
9	Influenza																					
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	10	5	5	2	1					1			2	4	2		1				
13	Tuberculosis of the lungs												1									
14	Tuberculous meningitis	1		1											1	1	2	2	1	1		
15	Other forms of tuberculosis	8	2	6	1																	
16	Cancer and other malignant tumors																					
17	Simple meningitis	14	5	9	1											1	1	6	2	4		
18	Cerebral hæmorrhage and softening	34	13	21	9							1	3	1	2	6	4	4	8	5		
19	Organic diseases of the heart	2	2		1	1					1				1		1					
20	Acute bronchitis	3	2	1	3											1	1	1				
21	Chronic bronchitis	19	11	8	3	1	1	3			5			4	2	5		3				
22	Pneumonia																					
23	Other diseases of the respiratory system (tuberculosis excepted)	6	4	2	4	1			1		2		1	1	1	1						
24	Diseases of the stomach (cancer excepted),																					
25	Diarrhœa and enteritis (under 2 years)	4	1	3	1	3	1				4											
26	Appendicitis and typhlitis	2	1	1									1		1							
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver	1		1															1			
29	Acute nephritis and Bright's disease	19	11	8	8									1		7	1	5	3	2		
30	Noncancerous tumors and other diseases of the female genital organs	1		1	1									1								
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	8	4	4	2	8					8								1			
34	Senility	1	1		1																	
36	Suicide	1	1											1	2	2	2		1			
35	Violent deaths (suicide excepted)	8	8		2					1	1			3	2	4		5	5	3	1	
37	Other diseases	27	11	16	6	4					4											
38	Unknown or ill-defined diseases	1	1		1	1					1											
	Total	210	101	109	56	22	4	3	4		33	1	13	29	20	35	12	29	22	15	1	

Estimated population, 15,251. Deaths excluding non-residents of State, 210. Rate per 1,000 population, 13.76.

TABLE 72.—TABULATION OF DEATHS IN LONG BRANCH CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	2	1	1	1									1		1						
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	1	1				1				1											
8	Diphtheria and croup	1		1								1										
9	Influenza	4	3	1																2	2	
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	12	10	2	2								2	2	1	3	3	1				
14	Tuberculous meningitis																					
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	4	3	1													1	2	1			
17	Simple meningitis	1		1												1						
18	Cerebral hæmorrhage and softening	24	11	13	4										2		2	9	8	3		
19	Organic diseases of the heart	36	15	21	7	1					1			1	1	5	5	9	11	3		
20	Acute bronchitis	1		1		1					1											
21	Chronic bronchitis																					
22	Pneumonia	12	5	7	2	2					2		1	1		2	2	2	2			
23	Other diseases of the respiratory system (tuberculosis excepted)	9	8	1	3	3	1		1		5						2	1	1			
24	Diseases of the stomach (cancer excepted)	2	1	1	1	1					1					1						
25	Diarrhœa and enteritis (under 2 years)	5	1	4	2	5					5											
26	Appendicitis and typhlitis																					
27	Hernia, intestinal obstruction	1	1			1					1											
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	27	14	13	4										2	4	7	6	7	1		
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)	2		2										1	1							
32	Other puerperal accidents of pregnancy and labor	1		1										1								
33	Congenital debility and malformations	11	9	2		11					11											
34	Senility																					
36	Suicide	1	1											1								
35	Violent deaths (suicide excepted)	14	13	1						1	1		1		2	3	3	3		1		
37	Other diseases	31	16	15	4	3					3	1	2			5	3	7	7	3		
38	Unknown or ill-defined diseases																					
	Total	202	118	89	30	28	2		1	1	32	2	6	8	9	25	28	40	39	18		

Estimated population, 15,788. Deaths excluding non-residents of State, 202. Rate per 1,000 population, 12.82.

TABLE 72A.—TABULATION OF DEATHS IN LONG BRANCH CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1												1							
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	2		2	1				1		1	1										
8	Diphtheria and croup																					
9	Influenza	33	21	12	3								3	15	7	3		1	2	1	1	
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1	1														1					
13	Tuberculosis of the lungs	14	8	6	3								1	3	4	3	2			1		
14	Tuberculous meningitis																					
15	Other forms of tuberculosis	1	1											1								
16	Cancer and other malignant tumors	7	3	4													2	3	2			
17	Simple meningitis	2	2				1				1				1							
18	Cerebral hæmorrhage and softening	18	7	11	3										1	1	3	4	8	1		
19	Organic diseases of the heart	82	15	17	4								2	3	2	2	3	7	10	3		
20	Acute bronchitis	2	2			2					2											
21	Chronic bronchitis	1	1																1			
22	Pneumonia	26	18	18	2					1	1		2	6	3	5	3	1	4	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	12	6	6	1	3	1		2		6	2			1	1	1		1			
24	Diseases of the stomach (cancer excepted)	5	3	2										1	1			2		1		
25	Diarrhœa and enteritis (under 2 years)	4	3	1	1	4					4											
26	Appendicitis and typhlitis	3	1	2						1	1	1					1					
27	Hernia, intestinal obstruction	2	1	1	1											2						
28	Cirrhosis of the liver	3	3												1		2					
29	Acute nephritis and Bright's disease	33	18	15	6								2			2	8	12	6	3		
30	Noncancerous tumors and other diseases of the female genital organs	2		2	1								1					1				
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	1		1											1							
33	Congenital debility and malformations	6	3	3		6					6											
34	Senility																					
36	Suicide																					
35	Violent deaths (suicide excepted)	12	12		3				2		2	1	1	1	3	1	1	2				
37	Other diseases	28	20	8		4	1				5		2	2	1	2	2	6	4	4		
38	Unknown or ill-defined diseases	1		1									1									
	Total	252	145	107	29	19	3		5	2	29	5	15	32	27	28	28	39	38	15	1	

Estimated population, 16,071. Deaths excluding non-residents of State, 252. Rate per 1,000 population, 15.68.

TABLE 73.—TABULATION OF DEATHS IN RED BANK BOROUGH FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1										1									
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup	1	1									1										
9	Influenza	4	1	3										1				1	2			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	13	7	6										4	5	1	3					
14	Tuberculous meningitis	2	2				1				1		1									
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	12	7	5	1									1	1		4	4	2			
17	Simple meningitis	1	1			1					1											
18	Cerebral hæmorrhage and softening	17	7	10	1											3	1	2	8	3		
19	Organic diseases of the heart	16	8	8		2					2							4	8	1	1	
20	Acute bronchitis	1	1																	1		
21	Chronic bronchitis																					
22	Pneumonia	11	6	5			1				1		1		1	4	2		1	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	5	1	4	2		2		1		3							1	1			
24	Diseases of the stomach (cancer excepted)	3	2	1		2					2							1				
25	Diarrhœa and enteritis (under 2 years)	5	4	1	1	3	2				5											
26	Appendicitis and typhlitis	2	1	1								1				1						
27	Hernia, intestinal obstruction	1		1													1					
28	Cirrhosis of the liver	1	1																			
29	Acute nephritis and Bright's disease	18	8	10	4	1		1			2		1	1	3	3	1	1	3	2	1	
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	10	8	2	2	10					10											
34	Senility																					
36	Suicide																					
35	Violent deaths (suicide excepted)	8	5	3								1	1	2		3			1			
37	Other diseases	29	17	12	3	5		1			6				4	4	3	3	2	2		
38	Unknown or ill-defined diseases																					
	Total	161	89	72	17	24	6	2	1		33	3	5	9	14	19	21	17	27	11	2	

Estimated population, 8,835. Deaths excluding non-residents of State, 161. Rate per 1,000 population, 18.22.

TABLE 73A.—TABULATION OF DEATHS IN RED BANK BOROUGH FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	6	3	3	2							1		4	1							
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	1		1																		
6	Scarlet fever	2	2									1										
7	Whooping cough	3	2	1		1	1	1			3	1										
8	Diphtheria and croup																					
9	Influenza	28	13	15	2				1		1	1	2	10	8	2	1	1	1	1		
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	2		2												1			1			
13	Tuberculosis of the lungs	10	6	4	3								2	2	2	3			1			
14	Tuberculous meningitis	1	1									1										
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	8	3	5	1										1	1	1	2	2	1		
17	Simple meningitis	2	2				1				1			1								
18	Cerebral hæmorrhage and softening	15	7	8												2	3		7	3		
19	Organic diseases of the heart	14	9	5	4	1					1				3		4	1	2	3		
20	Acute bronchitis	3	3										1					1		1		
21	Chronic bronchitis																					
22	Pneumonia	24	9	15	9		3				3		2	5	7	2	2	3				
23	Other diseases of the respiratory system (tuberculosis excepted)	10	3	7	1	3	2				5		1			2	1		1			
24	Diseases of the stomach (cancer excepted)	3	1	2		2					2					1						
25	Diarrhœa and enteritis (under 2 years)	4	2	2		3	1				4											
26	Appendicitis and typhlitis	1		1	1																	
27	Hernia, intestinal obstruction	2		2											1							
28	Cirrhosis of the liver	1		1	1													2				
29	Acute nephritis and Bright's disease	22	14	8	7									2	1	2	5	4	4	2	2	
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	6	4	2	1	6					6											
34	Senility																					
36	Suicide	1	1																			
35	Violent deaths (suicide excepted)	11	7	4	2					1	1	1	1	1	2	2	1	1	1			
37	Other diseases	29	12	17	6	4					4	1	3	3	3	5	3	6		1		
38	Unknown or ill-defined diseases	1		1		1					1											
	Total	210	104	106	40	21	8	2	1	1	33	7	12	28	30	23	21	22	20	12	2	

Estimated population, 9,084. Deaths excluding non-residents of State, 210. Rate per 1,000 population, 23.24.

TABLE 74.—TABULATION OF DEATHS IN DOVER TOWN FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	6		6		1	3	1			5	1										
8	Diphtheria and croup																					
9	Influenza	1	1		1										1							
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	2	2														1			1		
13	Tuberculosis of the lungs	10	5	5									1	2	2	3	2					
14	Tuberculous meningitis																					
15	Other forms of tuberculosis	1	1					1			1											
16	Cancer and other malignant tumors	10	2	8												2	2	6				
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	8	5	3													1	2	5			
19	Organic diseases of the heart	11	7	4										1	1	2	2	2	2	1		
20	Acute bronchitis																					
21	Chronic bronchitis																					
22	Pneumonia	12	8	4											2	2	3	2	2	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	7	6	1		1			1		2					1		2	1	1		
24	Diseases of the stomach (cancer excepted),	2	1	1														1	1			
25	Diarrhœa and enteritis (under 2 years)	3	1	2		2	1				3											
26	Appendicitis and typhlitis	1	1												1							
27	Hernia, intestinal obstruction	1	1		1			1			1											
28	Cirrhosis of the liver	1		1															1			
29	Acute nephritis and Bright's disease	8	6	2													1	3	2	2		
30	Noncancerous tumors and other diseases o the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	2		2										1	1							
33	Congenital debility and malformations	10	7	3		10					10											
34	Senility	1		1																1		
36	Suicide																					
35	Violent deaths (suicide excepted)	15	10	5	3				1		1	4		3	2	3	1		1			
37	Other diseases	19	12	7		4					4		1	2	1	3	2	3	3			
38	Unknown or ill-defined diseases																					
	Total	131	76	55	5	18	4	3	2		27	5	2	10	10	10	16	15	21	18	7	

Estimated population, 8,584. Deaths excluding non-residents of State, 131. Rate per 1,000 population, 15.26.

TABLE 74A.—TABULATION OF DEATHS IN DOVER TOWN FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	2	2													1		1				
2	Typhus fever																					
3	Malaria	1		1													1					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	4	1	3		3					3	1										
8	Diphtheria and croup																					
9	Influenza	76	40	36	1	5	1	1			7	3	7	20	14	9	5	2				
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	13	11	2									2	1	4	2	4					
14	Tuberculous meningitis																					
15	Other forms of tuberculosis	1		1									1									
16	Cancer and other malignant tumors	18	6	7												3	5	3		2		
17	Simple meningitis	1	1									1										
18	Cerebral hæmorrhage and softening	4	2	2														3	1			
19	Organic diseases of the heart	23	12	11	1									1	3	2	3	1	10	3		
20	Acute bronchitis	2		2		2					2											
21	Chronic bronchitis																					
22	Pneumonia	29	18	11			1		1		2		1	9	8	1	3	1	3	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	12	8	4	1	2		1			3		2	2	2	1	1	1				
24	Diseases of the stomach (cancer excepted),	1	1													1						
25	Diarrhœa and enteritis (under 2 years)	6	3	3		3	3				6											
26	Appendicitis and typhlitis	1		1											1							
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver	1	1															1				
29	Acute nephritis and Bright's disease	9	5	4											1		2	3	2	1		
30	Noncancerous tumors and other diseases o the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	2		2									1		1							
33	Congenital debility and malformations	8	4	4		8					8											
34	Senility	4	1	3																3	1	
36	Suicide																					
35	Violent deaths (suicide excepted)	16	14	2						1	1			3	1	3	4	4				
37	Other diseases	16	8	8		4	1				5			2		1	1	5	1	1		
38	Unknown or ill-defined diseases																					
	Total	245	138	107	3	27	6	2	1	1	37	5	14	47	35	24	29	25	17	11	1	

Estimated population, 8,789. Deaths excluding non-residents of State, 245. Rate per 1,000 population, 28.08.

TABLE 75.—TABULATION OF DEATHS IN MORRISTOWN TOWN FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1															1				
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever	1	1			1					1											
7	Whooping cough	3	3			2	1				3											
8	Diphtheria and croup																					
9	Influenza																					
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	12	5	7	2								3	3	1	3	1	1				
14	Tuberculous meningitis	1		1		1					1											
15	Other forms of tuberculosis	1	1				1				1											
16	Cancer and other malignant tumors	19	4	15												3	5	7	4			
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	15	5	10											1	3	3		6	2		
19	Organic diseases of the heart	33	14	19	2							1		1	3	2	4	9	9	4		
20	Acute bronchitis	2	1	1		1					1									1		
21	Chronic bronchitis	2	2																	2		
22	Pneumonia	17	8	9	3	1					1			2	3	6	1	2		2		
23	Other diseases of the respiratory system (tuberculosis excepted)	6	2	4		1					1							1	1	2	1	
24	Diseases of the stomach (cancer excepted)	1		1											1							
25	Diarrhœa and enteritis (under 2 years)	3	2	1		2	1				3											
26	Appendicitis and typhlitis	2	1	1									1									
27	Hernia, intestinal obstruction	3	2	1														1				
28	Cirrhosis of the liver	1	1													1	1	1				
29	Acute nephritis and Bright's disease	14	9	5	1										1	1	2		2	6	2	
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1												1						
32	Other puerperal accidents of pregnancy and labor	2		2											1	1						
33	Congenital debility and malformations	8	2	6	1	8					8											
34	Senility	5	1	4															1	4		
36	Suicide																					
35	Violent deaths (suicide excepted)	10	6	4		1					1			3	2		1	2	1			
37	Other diseases	42	23	19		5			1		6	5	2	1	2	3	5	6	7	2	3	
38	Unknown or ill-defined diseases																					
	Total	205	94	111	9	23	3		1		27	6	6	12	16	28	21	33	36	21	4	

Estimated population, 18,410. Deaths excluding non-residents of State, 205. Rate per 1,000 population, 15.28.

TABLE 75A.—TABULATION OF DEATHS IN MORRISTOWN TOWN FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1											1								
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever	1	1			1					1											
7	Whooping cough																					
8	Diphtheria and croup																					
9	Influenza																					
10	Asiatic cholera	56	33	23	2	1	1				2		6	21	19	5	1		2			
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	1	1			1					1											
14	Tuberculous meningitis	15	8	7	1																	
15	Other forms of tuberculosis	2	1	1			1				1		1	4	5	4		1				
16	Cancer and other malignant tumors	15	3	12									1									
17	Simple meningitis	1		1																		
18	Cerebral hæmorrhage and softening	18	7	11	2							1				1	5	5	4			
19	Organic diseases of the heart	25	12	13	2												2	5	7	4		
20	Acute bronchitis							1			1			1	1	3	3	3	8	4	1	
21	Chronic bronchitis	1		1																		
22	Pneumonia	30	14	16	4	2	1	2			5	1	3	10	1		2	3	1			
23	Other diseases of the respiratory system (tuberculosis excepted)	14	5	9		3					3		1	2	3			1	2	2		
24	Diseases of the stomach (cancer excepted)	3	1	2		1					1						1		1			
25	Diarrhœa and enteritis (under 2 years)	1	1			1					1											
26	Appendicitis and typhlitis	1	1																			
27	Hernia, intestinal obstruction	2		2												1						
28	Cirrhosis of the liver	2	2																			
29	Acute nephritis and Bright's disease	10	4	6	1										1	1			1		1	
30	Noncancerous tumors and other diseases of the female genital organs												1	1		1	5	1		1		
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	2		2	1																	
34	Senility	8	7	1	3	8					8		1		1							
36	Suicide	4	1	3																3	1	
35	Violent deaths (suicide excepted)	1	1														1					
37	Other diseases	14	11	3	1	1	1				2		4	1			1		1	2		
38	Unknown or ill-defined diseases	31	17	14	1	8	2	1			6		1	1	3	1	7	5	5	2		
	Total	259	182	127	18	22	6	4			32	2	19	42	34	18	29	25	36	19	3	

Estimated population, 13,536. Deaths excluding non-residents of State, 259. Rate per 1,000 population, 19.13.

TABLE 76.—TABULATION OF DEATHS IN PASSAIC CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	2	2											2								
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	2		2			2				2											
8	Diphtheria and croup	20	14	6		2	5	4		1	12	7	1									
9	Influenza	6	3	3		3					3	2				1						
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	95	49	46	2		1		1		2		9	30	26	19	6	2	1			
14	Tuberculous meningitis	12	6	6	1	4	2	1		1	8		2		1	1						
15	Other forms of tuberculosis	3	3											1	1	1						
16	Cancer and other malignant tumors	41	16	25									1	1	4	8	18	7	7			
17	Simple meningitis	4	1	3		2			1		3						1					
18	Cerebral hæmorrhage and softening	21	9	12	2										3	2	6	5	5			
19	Organic diseases of the heart	73	40	33								1	4	2	6	17	10	13	15	5		
20	Acute bronchitis	9	5	4	1	5	1				6						1			1	1	
21	Chronic bronchitis	1	1															1				
22	Pneumonia	76	39	37	1	86	6	1	1		44	1	3	4	4	7	6	1	4	2		
23	Other diseases of the respiratory system (tuberculosis excepted)	51	24	27	2	28	7	2	2	1	40	1	2		2	2	1	2	1			
24	Diseases of the stomach (cancer excepted),	13	5	8		10		1			11	1					1					
25	Diarrhœa and enteritis (under 2 years)	116	67	49		94	22				116											
26	Appendicitis and typhlitis	10	7	3									4	3	1		2					
27	Hernia, intestinal obstruction	4	1	3		1					1			1	2							
28	Cirrhosis of the liver	5	4	1											2	1	1		1			
29	Acute nephritis and Bright's disease	39	18	21			1				1			7	7	3	5	8	6	2		
30	Noncancerous tumors and other diseases o the female genital organs	5		5									1		2	1	1					
31	Puerperal septicæmia (puerperal fever, peritonitis)	6		6										3	2	1						
32	Other puerperal accidents of pregnancy and labor	9		9										4	4	1						
33	Congenital debility and malformations	65	40	25	1	65					65											
34	Senility	5	5															2	2	1		
36	Suicide	7	7											1	4		2					
35	Violent deaths (suicide excepted)	64	47	17		1	3	3		1	8	11	4	7	15	8	6	5				
37	Other diseases	90	51	39	4	33	1	3	2	1	40	2	2	2	6	10	9	9	7	8		
38	Unknown or ill-defined diseases	1	1			1					1											
	Total	855	465	390	14	285	51	15	7	5	368	26	33	68	92	88	71	55	49	14	1	

Estimated population, 74,478. Deaths excluding non-residents of State, 855. Rate per 1,000 population, 11.47.

TABLE 76A.—TABULATION OF DEATHS IN PASSAIC CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	2	1	1										1	1							
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever	19	11	8		6	10	1	2		19											
7	Whooping cough	2	1	1					1		1	1										
8	Diphtheria and croup	13	8	5		8	4	1			13											
9	Influenza	19	8	11			3	4	1	2	10	5	2	1								
10	Asiatic cholera	201	96	105	1	16	18	6	5	3	48	4	7	60	45	21	8	1				
11	Cholera nostras																					
12	Other epidemic diseases	2	2																			
13	Tuberculosis of the lungs	77	37	40	4	1					1											
14	Tuberculous meningitis	5	1	4	1		2	1		1	1	1	2	33	20	13	5	2		1		
15	Other forms of tuberculosis	4	3	1			1	1			3	2										
16	Cancer and other malignant tumors	30	15	15						1	2		2									
17	Simple meningitis	14	7	7		3	3	1	1		8	2		2		4	5	7	8	4	1	
18	Cerebral hæmorrhage and softening	31	17	14		1	1				2				2		2					
19	Organic diseases of the heart	80	44	36		1		1			2	1	2	6	10	9	3	7	11	5	3	
20	Acute bronchitis	11	6	5	1	11					11						18	12	18	7		
21	Chronic bronchitis	4	4			1					1											
22	Pneumonia	157	82	75	3	25	16	6	3	4	54	2	6	38	24	9	9	8	6	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	88	49	39		34	12	8	3	1	58	6	1	2	9	4	1	2	1	3	1	
24	Diseases of the stomach (cancer excepted),	8	5	3		6					6			1								
25	Diarrhœa and enteritis (under 2 years)	104	57	47	1	82	22				104							1				
26	Appendicitis and typhlitis	7	5	2									3	2		1	1					
27	Hernia, intestinal obstruction	6	2	4		1					1				1	1						
28	Cirrhosis of the liver	6	4	2										1	1	1	2	1	1			
29	Acute nephritis and Bright's disease	52	24	28	1	1	1	2			4		2	1	10	7	7	13	7	1		
30	Noncancerous tumors and other diseases o the female genital organs	3		3	1											3						
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1										1								
32	Other puerperal accidents of pregnancy and labor	7		7									1	2	3	1						
33	Congenital debility and malformations	72	36	36	1	72					72											
34	Senility	2		2															1			1
36	Suicide	5	5											1		3	1					
35	Violent deaths (suicide excepted)	40	34	6			3	2	3		8	4	2	4	9	6	2	4	1			
37	Other diseases	73	42	31	3	16	1	8	3	1	24	4	1	4	7	6	8	7	10	1	1	
38	Unknown or ill-defined diseases	2	1	1				1			1						1					
	Total	1147	607	540	17	285	97	88	28	12	455	32	31	160	148	95	74	78	58	18	2	1

Estimated population, 77,212. Deaths excluding non-residents of State, 1,147. Rate per 1,000 population, 14.85.

TABLE 77.—TABULATION OF DEATHS IN PATERSON CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	6	4	2	....	....	....	....	....	....	....	....	1	2	....	2	....	1	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Measles	5	3	2	....	....	2	1	....	....	3	2	....	....	....	....	....	....	....	....	....	....
6	Scarlet fever	1	....	1	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....
7	Whooping cough	12	3	9	....	6	4	1	....	....	11	1	....	....	....	....	....	....	....	....	....	....
8	Diphtheria and croup	15	8	7	....	....	3	3	2	2	10	5	....	....	....	....	....	....	....	....	....	....
9	Influenza	7	5	2	....	....	....	....	....	....	....	....	....	....	1	1	1	1	2	1	....	....
10	Asiatic cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11	Cholera nostras	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Other epidemic diseases	6	2	4	....	1	....	....	....	....	1	....	....	....	....	1	1	1	1	1	....	....
13	Tuberculosis of the lungs	180	112	68	5	....	....	....	....	....	....	2	14	36	52	32	28	17	4	....	....	....
14	Tuberculous meningitis	3	....	3	....	1	1	....	1	....	3	....	....	....	....	....	....	....	....	....	....	....
15	Other forms of tuberculosis	14	10	4	....	....	1	1	....	....	2	4	1	3	2	1	....	1	....	....	....	....
16	Cancer and other malignant tumors	119	49	70	3	....	1	....	....	....	1	1	3	3	6	18	34	30	17	6	....	....
17	Simple meningitis	4	3	1	....	3	....	....	....	....	3	....	1	....	....	....	....	....	....	....	....	....
18	Cerebral hæmorrhage and softening	100	40	60	4	1	....	....	....	....	1	....	1	1	....	6	14	29	33	14	1	....
19	Organic diseases of the heart	276	134	142	7	4	....	....	....	1	5	3	5	16	23	22	46	80	52	22	2	....
20	Acute bronchitis	8	4	4	....	7	....	....	....	....	7	....	....	....	....	....	....	....	....	1	....	....
21	Chronic bronchitis	8	2	6	....	....	....	....	....	....	....	....	....	....	....	2	1	1	1	3	....	....
22	Pneumonia	197	119	78	11	20	17	8	1	1	47	6	5	10	15	26	20	33	19	6	1	....
23	Other diseases of the respiratory system (tuberculosis excepted)	77	35	42	2	30	5	2	1	2	40	....	4	1	3	2	4	7	7	2	....	....
24	Diseases of the stomach (cancer excepted),	28	16	12	1	12	....	1	....	....	13	....	....	1	2	4	5	2	1	....	....	....
25	Diarrhœa and enteritis (under 2 years)	64	30	34	2	58	6	....	....	....	64	....	....	....	....	....	....	....	....	....	....	....
26	Appendicitis and typhlitis	21	15	6	....	....	....	....	....	....	....	1	6	7	4	1	1	....	....	1	....	....
27	Hernia, intestinal obstruction	15	9	6	1	3	....	1	....	....	4	....	....	....	1	....	2	3	2	3	....	....
28	Cirrhosis of the liver	22	18	4	....	....	....	....	....	....	....	....	....	....	2	6	4	6	2	2	....	....
29	Acute nephritis and Bright's disease	207	102	105	3	1	2	....	....	....	3	....	2	3	11	31	46	38	58	12	3	....
30	Noncancerous tumors and other diseases of the female genital organs	12	....	12	....	....	....	....	....	....	....	....	....	....	3	5	4	....	....	....	....	....
31	Puerperal septicæmia (puerperal fever, peritonitis)	5	....	5	....	....	....	....	....	....	....	....	....	3	2	....	....	....	....	....	....	....
32	Other puerperal accidents of pregnancy and labor	6	....	6	....	....	....	....	....	....	....	....	....	4	1	1	....	....	....	....	....	....
33	Congenital debility and malformations	80	49	31	1	80	....	....	....	....	80	....	....	....	....	....	....	....	....	....	....	....
34	Senility	15	4	11	1	....	....	....	....	....	....	....	....	....	....	....	....	3	6	4	2	....
36	Suicide	22	14	8	1	....	....	....	....	....	....	....	3	2	7	5	3	2	....	....	....	....
35	Violent deaths (suicide excepted)	130	96	34	1	8	2	2	....	4	16	16	9	8	19	18	20	12	7	4	1	....
37	Other diseases	233	131	102	3	31	1	3	1	1	37	8	4	10	19	28	37	40	32	14	4	....
38	Unknown or ill-defined diseases	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Total	1898	1017	881	46	266	45	23	6	12	352	49	59	110	173	212	275	306	245	101	16	....

Estimated population, 140,512. Deaths excluding non-residents of State, 1,898. Rate per 1,000 population, 13.50.

TABLE 77A.—TABULATION OF DEATHS IN PATERSON CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	5	3	2	....	....	....	1	....	....	1	1	2	....	....	....	1	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Measles	16	4	12	....	1	12	2	....	1	16	....	....	....	....	....	....	....	....	....	....	....
6	Scarlet fever	1	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
7	Whooping cough	16	6	10	....	7	5	3	1	....	16	....	....	....	....	....	....	....	....	....	....	....
8	Diphtheria and croup	20	13	7	....	1	2	1	4	3	11	6	2	....	1	....	....	....	....	....	....	....
9	Influenza	578	312	266	6	6	16	5	10	4	41	14	53	104	167	55	30	16	7	1	....	....
10	Asiatic cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11	Cholera nostras	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Other epidemic diseases	6	4	2	....	3	....	....	....	....	3	....	1	....	....	....	....	....	1	1	....	....
13	Tuberculosis of the lungs	202	119	83	6	2	....	....	....	1	3	....	16	52	55	32	28	13	2	1	....	....
14	Tuberculous meningitis	8	3	5	....	2	3	1	1	....	7	....	1	....	....	....	....	....	....	....	....	....
15	Other forms of tuberculosis	3	1	2	1	1	1	....	....	....	2	1	....	....	....	....	....	....	1	....	....	....
16	Cancer and other malignant tumors	128	44	84	2	....	1	....	....	1	2	....	....	3	9	20	35	31	22	6	....	....
17	Simple meningitis	14	7	7	....	5	1	2	....	....	8	....	1	2	2	....	....	....	....	1	....	....
18	Cerebral hæmorrhage and softening	123	56	67	4	....	....	....	....	....	....	....	....	....	2	10	12	38	43	18	....	....
19	Organic diseases of the heart	223	107	116	8	1	....	1	....	2	4	1	8	12	19	31	40	41	51	13	3	....
20	Acute bronchitis	12	5	7	....	6	....	....	....	....	6	....	1	....	1	....	....	....	1	3	....	....
21	Chronic bronchitis	8	6	2	....	....	1	....	....	....	1	....	....	....	1	....	....	2	2	1	1	....
22	Pneumonia	254	141	113	10	24	13	8	6	1	52	6	19	41	34	24	30	25	13	9	1	....
23	Other diseases of the respiratory system (tuberculosis excepted)	135	76	59	1	41	17	4	3	1	66	4	8	11	10	8	5	10	6	5	2	....
24	Diseases of the stomach (cancer excepted),	12	4	8	3	2	....	1	....	1	4	....	....	1	....	1	2	3	1	....	....	....
25	Diarrhœa and enteritis (under 2 years)	84	52	32	1	71	13	....	....	....	84	....	....	....	....	....	....	....	....	....	....	....
26	Appendicitis and typhlitis	14	8	6	3	....	....	....	....	1	1	....	3	4	4	....	2	....	....	....	....	....
27	Hernia, intestinal obstruction	24	9	15	....	3	....	....	....	....	3	....	....	1	3	2	1	6	7	1	....	....
28	Cirrhosis of the liver	17	6	11	....	....	....	....	....	....	....	....	....	....	1	2	6	5	3	....	....	....
29	Acute nephritis and Bright's disease	211	102	109	6	4	....	1	1	....	6	2	2	5	14	13	34	58	52	22	3	....
30	Noncancerous tumors and other diseases of the female genital organs	2	....	2	1	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....
31	Puerperal septicæmia (puerperal fever, peritonitis)	6	....	6	....	....	....	....	....	....	....	....	....	2	4	....	....	....	....	....	....	....
32	Other puerperal accidents of pregnancy and labor	12	....	12	....	....	....	....	....	....	....	....	....	4	8	....	....	....	....	....	....	....
33	Congenital debility and malformations	102	54	48	1	100	2	....	....	....	102	....	....	....	....	....	....	....	....	....	....	....
34	Senility	12	5	7	....	....	....	....	....	....	....	....	....	....	....	....	....	1	4	3	4	....
36	Suicide	22	16	6	1	....	....	....	....	....	....	....	....	7	4	2	5	3	1	....	....	....
35	Violent deaths (suicide excepted)	145	102	43	3	2	2	3	1	2	10	12	16	14	18	17	21	15	18	7	2	....
37	Other diseases	251	188	118	7	37	3	4	2	3	49	8	8	14	20	29	36	38	35	17	2	....
38	Unknown or ill-defined diseases	3	1	2	....	1	....	....	....	....	1	....	....	....	....	....	....	....	2	....	....	....
	Total	2669	00	1269	64	320	92	37	29	21	499	51	141	367	377	248	288	305	266	109	18	....

Estimated population, 142,581. D as excluding non-residents of State, 2,669. Rate per 1,000 population, 18.71.

TABLE 78.—TABULATION OF DEATHS IN SALEM CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	4	3	1	3	1		2		1	4											
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup																					
9	Influenza	3	2	1	1	1					1		1						1			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	11	8	3	3									2	2	5	1	1				
14	Tuberculous meningitis																					
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	7	3	4	1									1	1	1	1	2		1		
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	5	2	3	1																	
19	Organic diseases of the heart	17	7	10	5	1					1	1	1			1	1		1	1		
20	Acute bronchitis	1	1													1	1	4	6	2		
21	Chronic bronchitis	2	1	1													1					
22	Pneumonia	5	3	2				1			1			1		2		2				
23	Other diseases of the respiratory system (tuberculosis excepted)	11	5	6	3	1					1						2	2	5	1		
24	Diseases of the stomach (cancer excepted),	1	1													1						
25	Diarrhœa and enteritis (under 2 years)	9	7	2	1	8	1				9											
26	Appendicitis and typhlitis	2	1	1											1	1						
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	16	9	7	3											2	3	3	8			
30	Noncancerous tumors and other diseases o the female genital organs	1		1												1						
31	Puerperal septicæmia (puerperal fever, peritonitis)	1		1									1									
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	6	5	1		6					6											
34	Senility																					
36	Suicide	1	1										1									
35	Violent deaths (suicide excepted)	8	6	2									1	2	1			3	1			
37	Other diseases	18	8	10	5	2					2		2	1	2			3	3	5		
38	Unknown or ill-defined diseases																					
	Total	129	73	56	26	20	1	3		1	25	1	8	7	7	15	10	20	25	11		

Estimated population, 7,200. Deaths excluding non-residents of State, 129. Rate per 1,000 population, 17.91.

TABLE 78A.—TABULATION OF DEATHS IN SALEM CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	5	4	1	3	1	1				2	3										
8	Diphtheria and croup	2	1	1								1	1									
9	Influenza	43	19	24	5	4	1	3	2		10	1	6	9	10	2			2		3	
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	2	2			1					1								1			
13	Tuberculosis of the lungs	7	3	4	3					1	1		2		3			1				
14	Tuberculous meningitis																					
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	5		5													2	2	1			
17	Simple meningitis	2	1	1	1	1					1	1										
18	Cerebral hæmorrhage and softening	8	5	3	2											2	1		3	2		
19	Organic diseases of the heart	19	9	10	6								1	2	1	2	3	1	6	3		
20	Acute bronchitis	1	1																	1		
21	Chronic bronchitis																					
22	Pneumonia	5	3	2	3	2					2						1	1	1			
23	Other diseases of the respiratory system (tuberculosis excepted)	5	3	2												1	1	2	1			
24	Diseases of the stomach (cancer excepted),																					
25	Diarrhœa and enteritis (under 2 years)	15	10	5	3	14	1				15											
26	Appendicitis and typhlitis	1	1		1									1								
27	Hernia, intestinal obstruction	1	1												1							
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	10	5	5											1	4	2	3				
30	Noncancerous tumors and other diseases of the female genital organs	3		3	1									1	2							
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	6	5	1	1	6					6											
34	Senility	1	1		1									1								
36	Suicide	11	9	2	1			1			1	2	1	2		2	1		2			
35	Violent deaths (suicide excepted)	14	9	5	2	1				1	2			2	1		1	5	2	1		
37	Other diseases																					
38	Unknown or ill-defined diseases																					
	Total	166	92	74	33	30	3	4	2	2	41	8	11	18	19	13	12	15	19	7	3	

Estimated population, 7,281. Deaths excluding non-residents of State, 166. Rate per 1,000 population, 22.79.

TABLE 79.—TABULATION OF DEATHS IN NORTH PLAINFIELD BOROUGH FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1											1								
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup																					
9	Influenza																					
10	Asiatic cholera	2	1	1												1			1			
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs																					
14	Tuberculous meningitis																					
15	Other forms of tuberculosis	1	1					1			1											
16	Cancer and other malignant tumors	8	2	6						1	1											
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	6	3	3													4			3		
19	Organic diseases of the heart	15	5	10													1	1	2	2		
20	Acute bronchitis												1	1	1			6	5	1		
21	Chronic bronchitis																					
22	Pneumonia	7	5	2		2					2						2		1	2		
23	Other diseases of the respiratory system (tuberculosis excepted)	1		1																		
24	Diseases of the stomach (cancer excepted),	1	1			1					1							1				
25	Diarrhœa and enteritis (under 2 years)	5	2	3		5					5											
26	Appendicitis and typhlitis																					
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	7	4	3											1		2		3	1		
30	Noncancerous tumors and other diseases of the female genital organs	1		1														1				
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	5	1	4		5					5											
34	Senility	2		2																		
35	Suicide	1		1											1					2		
36	Violent deaths (suicide excepted)	1		1																		
37	Other diseases	19	12	7		5	1		1	1	8	1		1		2	2	1	1	2	1	
38	Unknown or ill-defined diseases																					
	Total	88	38	45		18	1	1	1	2	23	2	1	4	3	6	8	10	12	18	1	

Estimated population, 6,925. Deaths excluding non-residents of State, 88. Rate per 1,000 population, 11.98.

TABLE 79A.—TABULATION OF DEATHS IN NORTH PLAINFIELD BOROUGH FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1												1							
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	7	3	4	4	3			1	1	5	2										
8	Diphtheria and croup	1	1				1				1											
9	Influenza	15	10	5	1	1				1	2	2	1	5	2	1	1	1				
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	6	3	3									1	1	1	1	1	1				
13	Tuberculosis of the lungs																					
14	Tuberculous meningitis																					
15	Other forms of tuberculosis	8	1	7											1	2	2	1	1	1		
16	Cancer and other malignant tumors																					
17	Simple meningitis	10	2	8												1	3		3	3		
18	Cerebral hæmorrhage and softening	15	5	10												5	2		3	5		
19	Organic diseases of the heart																					
20	Acute bronchitis																					
21	Chronic bronchitis	8	4	4								1		3	2				1	1		
22	Pneumonia	9	3	6			1			1	2				2	3				2		
23	Other diseases of the respiratory system (tuberculosis excepted)	1	1																			
24	Diseases of the stomach (cancer excepted),	2	2			1	1				2		1									
25	Diarrhœa and enteritis (under 2 years)																					
26	Appendicitis and typhlitis	1		1	1	1					1											
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver	10	6	4												1	1	1	5	2		
29	Acute nephritis and Bright's disease																					
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	5	4	1		5					5											
34	Senility	1		1																		
35	Suicide	1	1												1						1	
36	Violent deaths (suicide excepted)																					
37	Other diseases	15	8	7	1	2	1				3		1		1	1	3	1	4	1		
38	Unknown or ill-defined diseases																					
	Total	116	54	62	7	13	4		1	3	21	5	4	9	11	15	13	5	17	15	1	

Estimated population, 7,037. Deaths excluding non-residents of State, 116. Rate per 1,000 population, 16.48.

TABLE 80.—TABULATION OF DEATHS IN SOMERVILLE BOROUGH FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1														1					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup																					
9	Influenza																					
10	Asiatic cholera																					
11	Cholera nostras																1					
12	Other epidemic diseases	1	1										1	2	5	3						
13	Tuberculosis of the lungs	11	7	4																		
14	Tuberculous meningitis	1	1						1		1					1		2	4	2		
15	Other forms of tuberculosis	9	5	4									1									
16	Cancer and other malignant tumors	1		1											1	2	1	3	3	1		
17	Simple meningitis	11	6	5	3											1	2	1	5	1	1	
18	Cerebral hæmorrhage and softening	11	5	6	2																1	
19	Organic diseases of the heart	1		1																		
20	Acute bronchitis																					
21	Chronic bronchitis	5	3	2	1		1				1				1	1	1	1				
22	Pneumonia																					
23	Other diseases of the respiratory system (tuberculosis excepted)	8	8			2	1				3										1	
24	Diseases of the stomach (cancer excepted),	1	1																			
25	Diarrhœa and enteritis (under 2 years)	8	1	2		3					3					1	1					
26	Appendicitis and typhlitis	2	2		2										1		1					
27	Hernia, intestinal obstruction	3	2	1		1					1											
28	Cirrhosis of the liver															1		2		1		
29	Acute nephritis and Bright's disease	4	3	1																		
30	Noncancerous tumors and other diseases o the female genital organs	1		1												1						
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy an labor																					
33	Congenital debility and malformations	4	3	1	1	4					4										2	
34	Senility	2		2																		
35	Suicide	2	2												1		1					
36	Violent deaths (suicide excepted)	8	8										1		2	2	1	1	5		1	
37	Other diseases	20	7	13	5	5	1			1	7	1			2							
38	Unknown or ill-defined diseases																					
	Total	105	61	44	14	15	3	1		1	20	1	2	3	13	13	13	11	18	7	4	

Estimated population, 5,218. Deaths excluding non-residents of State, 105. Rate per 1,000 population, 20.12.

TABLE 80A.—TABULATION OF DEATHS IN SOMERVILLE BOROUGH FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever											1										
7	Whooping cough	1	1		1		1				1	1										
8	Diphtheria and croup	3	3				1	1			2											
9	Influenza	28	17	6	2	1					1		2	7	7	1	3	2				
10	Asiatic cholera																					
11	Cholera nostras																	1				
12	Other epidemic diseases	1		1																		
13	Tuberculosis of the lungs	12	7	5	2		1				1		1	5		2		2	1			
14	Tuberculous meningitis																1					
15	Other forms of tuberculosis	1		1														2	4	1		
16	Cancer and other malignant tumors	7	3	4														5	4	2	1	
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	12	5	7											1		3	3	6	3		
19	Organic diseases of the heart	16	7	9	3																	
20	Acute bronchitis																					
21	Chronic bronchitis													1	2	2						
22	Pneumonia	5	4	1	1																	
23	Other diseases of the respiratory system (tuberculosis excepted)	9	5	4		1	1	1			3				1	3		1		1		
24	Diseases of the stomach (cancer excepted),	1	1														1					
25	Diarrhœa and enteritis (under 2 years)	2		2	1	1	1				2											
26	Appendicitis and typhlitis												1									
27	Hernia, intestinal obstruction	1		1																		
28	Cirrhosis of the liver														1		1	1	3	3	1	
29	Acute nephritis and Bright's disease	10	4	6	1																	
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	4	2	2	1	4					4									1		
34	Senility	1		1																		
35	Suicide	1	1									1					1	2		1		
36	Violent deaths (suicide excepted)	5	4	1	1											2	1	5	7	1		
37	Other diseases	16	7	9	3																	
38	Unknown or ill-defined diseases																					
	Total	131	70	61	16	7	5	2			14	2	5	16	13	7	12	25	26	9	2	

Estimated population, 5,240. Deaths excluding non-residents of State, 131. Rate per 1,000 population, 25.00.

TABLE 81.—TABULATION OF DEATHS IN ELIZABETH CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	5	4	1										1		2		1	1			
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	1		1																		
6	Scarlet fever	5	4	1			1				1											
7	Whooping cough	7	5	2		1		1			2		2	1								
8	Diphtheria and croup	17	8	9		4	2				6	1										
9	Influenza	13	8	5		2	3	1	1	4	11	6										
10	Asiatic cholera					5			2		7			1	2		2	1				
11	Cholera nostras																					
12	Other epidemic diseases	1	1																			
13	Tuberculosis of the lungs	139	99	40	4	2	1				3	2	7	51	36	29	6	1				
14	Tuberculous meningitis	13	8	5	1	2	3	3	2		10	1	1	1	1							
15	Other forms of tuberculosis	9	8	1		1					1	1	1	1	2							
16	Cancer and other malignant tumors	74	30	44	2	1				1	2		1	2	3	21	18	18	8	2		
17	Simple meningitis	12	8	4		1	2			1	4	3	2		3							
18	Cerebral hæmorrhage and softening	70	33	37										2		6	12	18	22	9	1	
19	Organic diseases of the heart	141	64	77									8	11	10	14	23	29	30	14	2	
20	Acute bronchitis	9	4	5		6					6						1		2			
21	Chronic bronchitis	5	4	1											1				3	1		
22	Pneumonia	139	84	55	10	31	13	4	3	1	52	1	2	10	16	12	15	19	6	5	1	
23	Other diseases of the respiratory system (tuberculosis excepted)	50	35	15	3	20	7	1	2	3	33	2	3	1		1	2	1	6	1		
24	Diseases of the stomach (cancer excepted)	22	14	8		7	1			1	9				2	4	1	2	2	1	1	
25	Diarrhœa and enteritis (under 2 years)	95	53	42	1	82	13				95											
26	Appendicitis and typhlitis	3	2	1																		
27	Hernia, intestinal obstruction	12	9	3		1			1		1		1		1							
28	Cirrhosis of the liver	19	12	7		1	1				2		1		1	2	2	3	1			
29	Acute nephritis and Bright's disease	79	38	41	2	1	1				2	1	3	1	3	4	7	2	2			
30	Noncancerous tumors and other diseases of the female genital organs	1		1										4	8	12	14	18	13	3	1	
31	Puerperal septicæmia (puerperal fever, peritonitis)	4		4													1					
32	Other puerperal accidents of pregnancy and labor	2		2										2	2							
33	Congenital debility and malformations	75	43	32		75					75			2								
34	Senility	6	2	4																		
35	Suicide	11	9	2																		
36	Violent deaths (suicide excepted)	85	67	18	1	3	1	1	1	4	10	4	8	16	10	12	14	6	4	1		
37	Other diseases	158	96	57	2	29	2	3	4	1	39	2	3	9	12	16	25	23	18	6		
38	Unknown or ill-defined diseases	6	3	3		4	1			1	6											
	Total	1283	755	528	26	277	58	14	16	17	377	28	45	117	115	136	147	151	121	44	7	

Estimated population, 88,880. Deaths excluding non-residents of State, 1,288. Rate per 1,000 population, 14.44.

TABLE 81A.—TABULATION OF DEATHS IN ELIZABETH CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	3	1	2										1	1		1					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	19	10	9		9	6	1		1	17	1			1							
6	Scarlet fever	2		2		1			1		2											
7	Whooping cough	18	9	9	1	8	7	2	1		18											
8	Diphtheria and croup	13	6	7			3	2		2	7	5	1									
9	Influenza	265	137	128	6	15	16	8	2	5	46	8	16	73	70	25	9	11	4	2	1	
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	3	2	1				1			1							1	1			
13	Tuberculosis of the lungs	149	93	56	11	2	1	1	1		5		16	45	40	26	12	3	2			
14	Tuberculous meningitis	12	8	4	1		3	2	1	1	7	4	1									
15	Other forms of tuberculosis	7	7		1	1					1	1		2	1		1	1				
16	Cancer and other malignant tumors	78	40	38	1		1				1			3	4	14	18	28	6	3	1	
17	Simple meningitis	8	4	4	1	3	2			1	6	1				1						
18	Cerebral hæmorrhage and softening	88	46	42	2	2		1		1	4			2	8	16	29	22	5	2		
19	Organic diseases of the heart	127	57	70	1								3	10	11	9	15	29	31	18	1	
20	Acute bronchitis	12	8	4	3	7	2	1	1		11								1			
21	Chronic bronchitis	4	3	1											1				3			
22	Pneumonia	348	204	144	17	32	17	8	8	2	67	7	16	87	83	43	17	12	14	2		
23	Other diseases of the respiratory system (tuberculosis excepted)	80	50	30	4	19	10	8		2	39	5	3	9	3	4	7	2	3	5		
24	Diseases of the stomach (cancer excepted)	4	3	1						1	1				1	1	1					
25	Diarrhœa and enteritis (under 2 years)	87	45	42		76	11				87											
26	Appendicitis and typhlitis	10	6	4								1	1	6		1		1				
27	Hernia, intestinal obstruction	14	10	4		2					2	1	1		1	5	1	1	1	1		
28	Cirrhosis of the liver	16	10	6												3	10	1	2			
29	Acute nephritis and Bright's disease	68	32	31	3	2			1		3	2	1	3	5	6	8	18	11	5	1	
30	Noncancerous tumors and other diseases of the female genital organs	5		5										2	2	1						
31	Puerperal septicæmia (puerperal fever, peritonitis)	6		6										3	2	1						
32	Other puerperal accidents of pregnancy and labor	9		9										2	6	1						
33	Congenital debility and malformations	87	57	30	1	86					86		1									
34	Senility	4	2	2															2	1	1	
35	Suicide	9	8	1										1	1	1	3	2		1		
36	Violent deaths (suicide excepted)	88	61	22	4	2	2	6	2	3	15	4	10	5	15	14	15	3	2			
37	Other diseases	138	68	70	9	31	4	2	1	1	39	6	5	10	11	9	13	21	18	4	2	
38	Unknown or ill-defined diseases	2	1	1	1	2					2											
	Total	1773	988	785	67	300	85	43	19	20	467	46	75	262	261	173	147	163	123	47	9	

Estimated population, 90,970 Deaths excluding non-residents of State, 1,773. Rate per 1,000 population, 19.40.

TABLE 82.—TABULATION OF DEATHS IN PLAINFIELD CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria	1	1														1					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	1	1			1																
8	Diphtheria and croup	7	4	3					1	4	5	2										
9	Influenza	2	1	1															1	1		
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1		1															1			
13	Tuberculosis of the lungs	30	16	14	6				1		1	1	5	7	5	6	2	2		1		
14	Tuberculous meningitis	2	1	1	1	1					1				1							
15	Other forms of tuberculosis	2	2		1							1		1								
16	Cancer and other malignant tumors	37	23	14	2										3	6	4	15	6	3		
17	Simple meningitis	3	2	1	1	1		2			3											
18	Cerebral hæmorrhage and softening	30	13	17	1										1	2	5	8	5	8	1	
19	Organic diseases of the heart	37	16	21								1	1			4	7	9	9	5	1	
20	Acute bronchitis																					
21	Chronic bronchitis	1		1															1			
22	Pneumonia	32	18	14	3	3	1	2			6			4	4	2	4	7	4	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	10	4	6		5	1			1	7			1						1	1	
24	Diseases of the stomach (cancer excepted)	2	2		2	2					2											
25	Diarrhœa and enteritis (under 2 years)	14	8	6	1	12	2				14											
26	Appendicitis and typhlitis	5	4	1		1					1			2		1		1				
27	Hernia, intestinal obstruction	4	1	3													1	1	1	1		
28	Cirrhosis of the liver	3	3		1											1	1	1				
29	Acute nephritis and Bright's disease	39	12	27	10							1		4		5	6	10	7	6		
30	Noncancerous tumors and other diseases of the female genital organs	1		1												1						
31	Puerperal septicæmia (puerperal fever, peritonitis)	2		2										2								
32	Other puerperal accidents of pregnancy and labor	1		1										1								
33	Congenital debility and malformations	15	11	4	1	15					15											
34	Senility	3	1	2															3			
36	Suicide	2	1	1										1			1					
35	Violent deaths (suicide excepted)	23	17	6						2	2	1	7	4	2	3		2	2			
37	Other diseases	71	39	32		8	3	1	2		14		2	2	5	10	14	9	8	6	1	
38	Unknown or ill-defined diseases																					
	Total	381	201	180	30	49	7	5	4	7	72	7	15	29	21	41	46	65	48	33	4	

Estimated population, 24,330. Deaths excluding non-residents of State, 381. Rate per 1,000 population, 15.65.

TABLE 82A.—TABULATION OF DEATHS IN PLAINFIELD CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1		1									1								
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	16	5	11	3	8	4	2	1	1	16											
8	Diphtheria and croup	7	3	4	1					2	2	4				1						
9	Influenza	98	50	48	10	5	5	1		1	12	4	7	34	24	9	5	2		1		
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	7	2	5		3	1				4		1						1	1		
13	Tuberculosis of the lungs	32	18	14	6								2	8	7	9	4	1	1			
14	Tuberculous meningitis	6	2	4	2	2	1		1		4		1		1							
15	Other forms of tuberculosis	3		3	2		1				1			2								
16	Cancer and other malignant tumors	29	11	18	2										2	7	5	5	8	2		
17	Simple meningitis	5	3	2		1	1	1			3	2										
18	Cerebral hæmorrhage and softening	30	10	20	7											5	3	8	8	4	2	
19	Organic diseases of the heart	41	18	23	6								3	3	3	5	5	10	9	2	1	
20	Acute bronchitis	2	1	1	1	1					1									1		
21	Chronic bronchitis																					
22	Pneumonia	67	32	35	10	6	6				12	1	4	9	12	9	6	7	5	2		
23	Other diseases of the respiratory system (tuberculosis excepted)	47	19	28	3	6	6	4	3		19	2	4	4	9	2	2	3	2			
24	Diseases of the stomach (cancer excepted)	6	4	2		1				1	2	1	1				1	1				
25	Diarrhœa and enteritis (under 2 years)	15	12	3	2	11	4				15											
26	Appendicitis and typhlitis	2	2									1		1								
27	Hernia, intestinal obstruction	1	1		1													1				
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	35	16	19	3							1			3	4	5	11	8	3		
30	Noncancerous tumors and other diseases of the female genital organs	2		2	2											1	1					
31	Puerperal septicæmia (puerperal fever, peritonitis)	3		3	2								1	2								
32	Other puerperal accidents of pregnancy and labor	2		2										2								
33	Congenital debility and malformations	22	12	10	4	21			1		22											
34	Senility																					
36	Suicide	1	1																			
35	Violent deaths (suicide excepted)	25	16	9	2	1					1	3	5	4	2	2	3	2	1	1	1	
37	Other diseases	45	32	13	4	16		2	1	1	20		1	2	1	3	3	3	5	2		
38	Unknown or ill-defined diseases																					
	Total	550	271	279	74	82	29	10	7	6	184	19	30	72	64	57	43	60	48	19	4	

Estimated population, 24,855. Deaths excluding non-residents of State, 550. Rate per 1,000 population, 22.12.

TABLE 83.—TABULATION OF DEATHS IN RAHWAY CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1										1									
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	3	1	2		3					3											
8	Diphtheria and croup																1			1		
9	Influenza	3	2	1		1					1											
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	11	2	9	1									4	6			1				
14	Tuberculous meningitis	2	1	1	1									1	1		2	2	3	3	1	
15	Other forms of tuberculosis	11	4	7	1											2	2	3	3	1		
16	Cancer and other malignant tumors	2		2	1							2										
17	Simple meningitis	25	15	10	1											2		2	3	10	6	3	1
18	Cerebral hæmorrhage and softening	17	9	8	2													3	3	7	2		
19	Organic diseases of the heart	1		1		1					1									1		
20	Acute bronchitis	1		1																		
21	Chronic bronchitis	1		1																		
22	Pneumonia	20	11	9	4		2				2			2	1	3	1	4	3	3	1	
23	Other diseases of the respiratory system (tuberculosis excepted)	8	3	5		2	1				3	1						1	2	1		
24	Diseases of the stomach (cancer excepted),																					
25	Diarrhœa and enteritis (under 2 years)	7	6	1	1	7					7											
26	Appendicitis and typhlitis																	1		1		
27	Hernia, intestinal obstruction	2		2																		
28	Cirrhosis of the liver	25	17	8		6	1				7		1	1	2			6	3	4	1	
29	Acute nephritis and Bright's disease																					
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	9	4	5		9					9											
33	Congenital debility and malformations	2	1	1										3			2	1	1			
34	Senility	7	6	1										1	4	4		1		1		
36	Suicide	16	12	4	2	1		1		1	3	1	1	1	4	4	2	3	4	3		
35	Violent deaths (suicide excepted)	20	12	8	1	2			1		3		1	1		3	2	3	4			
37	Other diseases	1		1		1					1											
38	Unknown or ill-defined diseases																					
	Total	194	107	87	25	33	4	1	1	1	40	4	4	13	16	15	19	31	32	17	3	

Estimated population, 10,361. Deaths excluding non-residents of State, 194. Rate per 1,000 population, 18.72.

TABLE 83A.—TABULATION OF DEATHS IN RAHWAY CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	1		1		1					1											
6	Scarlet fever																					
7	Whooping cough	1	1		1	1					1											
8	Diphtheria and croup	2		2						1	1											
9	Influenza	64	39	25	6	1	1	2	2		6	3	3	16	28	4	3	4	2			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	11	6	5	1									1	2	3	3	2				
14	Tuberculous meningitis	1	1							1	1											
15	Other forms of tuberculosis	2	2		1											1		1				
16	Cancer and other malignant tumors	14	7	7	4									1	1	2	2	3	5			
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	20	13	7	1											1	3	5	5	4	2	
19	Organic diseases of the heart	30	14	16	2									1	1	2	2	6	6	7	4	1
20	Acute bronchitis														1							
21	Chronic bronchitis	3	3																		2	
22	Pneumonia	27	14	13	4	1	2		1		4			4	2	2	4	4	5		2	
23	Other diseases of the respiratory system (tuberculosis excepted)	11	4	7		2	1				3	1	1	5					1			
24	Diseases of the stomach (cancer excepted),																					
25	Diarrhœa and enteritis (under 2 years)	12	5	7		12					12			1			1					
26	Appendicitis and typhlitis	2		2																		
27	Hernia, intestinal obstruction																1					
28	Cirrhosis of the liver	1		1										1	1		1	1		3	2	
29	Acute nephritis and Bright's disease	9	5	4	1																	
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	1		1										1								
33	Congenital debility and malformations	5	2	3	1	5					5										1	
34	Senility	1	1																			
36	Suicide																					
35	Violent deaths (suicide excepted)	19	15	4	1							1	2	3	4	4	2	1	2			
37	Other diseases	14	6	8						1	1				1	2	2	3	3	2		
38	Unknown or ill-defined diseases																					
	Total	251	188	113	23	23	4	2	5	2	36	5	14	33	37	25	26	28	27	17	3	

Estimated population, 10,503. Deaths excluding non-residents of State, 251. Rate per 1,000 population, 23.89.

TABLE 84.—TABULATION OF DEATHS IN SUMMIT CITY FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup	6	4	2					1		1	4			1							
9	Influenza																					
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	8	4	4									1	2	2	2		1				
14	Tuberculous meningitis																					
15	Other forms of tuberculosis	1		1											1							
16	Cancer and other malignant tumors	13	6	7													2	7	4			
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	5	3	2													1	1	2	1		
19	Organic diseases of the heart	19	8	11										1	1		1	7	4	5		
20	Acute bronchitis	1	1			1					1											
21	Chronic bronchitis																					
22	Pneumonia	8	7	1		1					1		1				1	3	1	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	5	2	3	1	1				1	2							2			1	
24	Diseases of the stomach (cancer excepted),	1	1													1						
25	Diarrhœa and enteritis (under 2 years)	2	1	1		2					2											
26	Appendicitis and typhlitis	2	1	1					1		1								1			
27	Hernia, intestinal obstruction	1		1									1									
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	8	1	7											1	2	1	2	2			
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	1		1												1						
33	Congenital debility and malformations	4	3	1		4					4											
34	Senility																					
35	Suicide	3	2	1										1		1		1				
36	Violent deaths (suicide excepted)	10	7	3	2	1		1			2	2	1	1			1	2	1			
37	Other diseases	19	8	11	2	4	1	2			7	1		3	1	2	1			2	2	
38	Unknown or ill-defined diseases																					
	Total	117	59	58	5	14	1	3	2	1	21	7	4	8	8	9	12	22	15	9	2	

Estimated population, 9,104. Deaths excluding non-residents of State, 117. Rate per 1,000 population, 12.85.

TABLE 84A.—TABULATION OF DEATHS IN SUMMIT CITY FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1		1														1				
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup	4	2	2			1		2		3	1										
9	Influenza	34	13	21	4	1				1	2	1	8	12	8	1	2					
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	13	5	8	2	1					1		1	4	2	2	2		1			
14	Tuberculous meningitis	1		1				1			1											
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	8		8											1		1	2	3	1		
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	12	2	10											1	1	1	4	3	1	1	
19	Organic diseases of the heart	13	6	7		1					1				1	1		2	3	5		
20	Acute bronchitis																					
21	Chronic bronchitis																					
22	Pneumonia	22	12	10	2	2	1				3	3	1	3	4	2	2	1	2	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	16	4	12		2	1		1		4		3	2	1	1	1	1	1	2		
24	Diseases of the stomach (cancer excepted),																					
25	Diarrhœa and enteritis (under 2 years)																					
26	Appendicitis and typhlitis	1		1									1									
27	Hernia, intestinal obstruction																					
28	Cirrhosis of the liver	2	2													1		1				
29	Acute nephritis and Bright's disease	5		5	1										1			2	1	1		
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor	1		1										1								
33	Congenital debility and malformations	5	2	3	1	4			1		5											
34	Senility																					
35	Suicide	2	1	1																		
36	Violent deaths (suicide excepted)	3	3						1		1		1	1		1		1				
37	Other diseases	14	10	4		2	1	1	1		5	1			1		1	2	3	1		
38	Unknown or ill-defined diseases																					
	Total	157	62	95	10	13	4	2	6	1	26	6	15	23	20	10	10	17	17	12	1	

Estimated population, 9,327. Deaths excluding non-residents of State, 157. Rate per 1,000 population, 16.83.

TABLE 85.—TABULATION OF DEATHS IN WESTFIELD TOWN FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles	1		1		1					1											
6	Scarlet fever																					
7	Whooping cough																					
8	Diphtheria and croup	1		1								1										
9	Influenza																					
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	8	4	4	3									1	4	1	1	1				
14	Tuberculous meningitis	2		2	2							2										
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	4	3	1												2			2			
17	Simple meningitis																					
18	Cerebral hæmorrhage and softening	15	7	8												1	3	3	3	3	2	
19	Organic diseases of the heart	9	2	7													2	1	5		1	
20	Acute bronchitis																					
21	Chronic bronchitis																					
22	Pneumonia	6	3	3	1		1				1				1		1	1		2		
23	Other diseases of the respiratory system (tuberculosis excepted)	3	1	2	1	1					1					1		1				
24	Diseases of the stomach (cancer excepted),																					
25	Diarrhœa and enteritis (under 2 years)	3		3			3				3											
26	Appendicitis and typhlitis	2	2											1	1							
27	Hernia, intestinal obstruction	1		1						1	1											
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	9	4	5													3	3	2	1		
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	7	4	3		7					7											
34	Senility	1		1																1		
36	Suicide	1	1												1							
35	Violent deaths (suicide excepted)	4	4										1	1		1				1		
37	Other diseases	16	10	6	2	2					2				1		1	4	5	3		
38	Unknown or ill-defined diseases																					
	Total	98	45	48	9	11	4			1	16	3	1	3	8	6	11	14	17	11	3	

Estimated population, 7,947. Deaths excluding non-residents of State, 98. Rate per 1,000 population, 11.70.

TABLE 85A.—TABULATION OF DEATHS IN WESTFIELD TOWN FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever																					
2	Typhus fever																					
3	Malaria																					
4	Smallpox																					
5	Measles																					
6	Scarlet fever																					
7	Whooping cough	2	1	1	1		1			1	2	2										
8	Diphtheria and croup	4	3	1				1		1	2	2										
9	Influenza	18	9	9	3		1	1	1		3	3	1	2	4	2	1	1	1			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	14	6	8	2									3	4	3	1	3				
14	Tuberculous meningitis																					
15	Other forms of tuberculosis																					
16	Cancer and other malignant tumors	14	3	11											2	1	2	4	2	3		
17	Simple meningitis	1		1	1										1							
18	Cerebral hæmorrhage and softening	10	5	5	1	2					2						3	3	1	1		
19	Organic diseases of the heart	9	2	7										1					4	4		
20	Acute bronchitis																					
21	Chronic bronchitis																					
22	Pneumonia	18	11	7	3	1					1				5	3		3	1			
23	Other diseases of the respiratory system (tuberculosis excepted)	8	1	7	5	1	1				2	1	1	2	2							
24	Diseases of the stomach (cancer excepted),																					
25	Diarrhœa and enteritis (under 2 years)	4	3	1	1	2	2				4											
26	Appendicitis and typhlitis	2	2											1	1							
27	Hernia, intestinal obstruction	1	1			1					1											
28	Cirrhosis of the liver																					
29	Acute nephritis and Bright's disease	12	9	3	1										1		4	2	3	2		
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	5	4	1	2	5					5											
34	Senility																					
36	Suicide	1	1											1								
35	Violent deaths (suicide excepted)	6	4	2	1								1	2	1			1	1			
37	Other diseases	19	10	9		1		1			2	1			2	3	3	4	2	1	1	
38	Unknown or ill-defined diseases																					
	Total	148	75	73	21	13	5	3	1	2	24	7	3	17	26	9	17	19	14	11	1	

Estimated population, 8,159. Deaths excluding non-residents of State, 148. Rate per 1,000 population, 18.13.

TABLE 86.—TABULATION OF DEATHS IN PHILLIPSBURG TOWN FOR 1917, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	1	1									1										
2	Typhus fever																					
3	Malaria	1		1															1			
4	Smallpox																					
5	Measles	1		1			1				1											
6	Scarlet fever	1	1					1			1											
7	Whooping cough																					
8	Diphtheria and croup	4	1	3			1		1		2	2										
9	Influenza	6	2	4		2					2			1						2	1	
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases																					
13	Tuberculosis of the lungs	12	6	6									1	5	5		1					
14	Tuberculous meningitis																					
15	Other forms of tuberculosis	1		1										1								
16	Cancer and other malignant tumors	7	2	5										1	1	1	2	1		1		
17	Simple meningitis	2	1	1									1	1								
18	Cerebral hæmorrhage and softening	26	13	13											1	2	3	8	9	3		
19	Organic diseases of the heart	17	11	6									1			4	3	4	4	1		
20	Acute bronchitis																					
21	Chronic bronchitis																					
22	Pneumonia	17	10	7		2	1				3					4	4		5	1		
23	Other diseases of the respiratory system (tuberculosis excepted)	15	13	2		9	3				12								1	2		
24	Diseases of the stomach (cancer excepted),	2		2															2			
25	Diarrhœa and enteritis (under 2 years)	10	5	5		10					10											
26	Appendicitis and typhlitis																					
27	Hernia, intestinal obstruction	1	1																			
28	Cirrhosis of the liver															1						
29	Acute nephritis and Bright's disease	19	8	11			1				1	1		1		1	4	3	4	3	1	
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	16	7	9		15			1		16											
34	Senility	2		2																1	1	
36	Suicide																					
35	Violent deaths (suicide excepted)	10	8	2		2					2	1		1	2	2	1		1			
37	Other diseases	38	19	14		6		1			7		1	3	1	3	6	1	8	2	1	
38	Unknown or ill-defined diseases																					
	Total	204	109	95		46	7	2	2		57	5	4	14	10	18	24	17	37	15	3	

Estimated population, 15,879. Deaths excluding non-residents of State, 204. Rate per 1,000 population, 12.84.

TABLE 86A.—TABULATION OF DEATHS IN PHILLIPSBURG TOWN FOR 1918, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH.

Abridged International List No.	CAUSE OF DEATH.	Total.	Male.	Female.	Color, if other than white.	AGE PERIODS. Under 1 year.	1 year.	2 years.	3 years.	4 years.	Under 5 years.	5 to 9.	10 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 and over.	Unknown.
1	Typhoid fever	2	1	1								1		1								
2	Typhus fever																					
3	Malaria	1		1															1			
4	Smallpox																					
5	Measles	3		3			2	1			3											
6	Scarlet fever																					
7	Whooping cough	5	3	2		4	1				5											
8	Diphtheria and croup																					
9	Influenza	118	66	47		3	8	2	1	1	15	9	7	35	30	8	2	5	2			
10	Asiatic cholera																					
11	Cholera nostras																					
12	Other epidemic diseases	1	1														1					
13	Tuberculosis of the lungs	15	10	5									1	5		5	3		1			
14	Tuberculous meningitis	1	1			1					1											
15	Other forms of tuberculosis	1		1													1					
16	Cancer and other malignant tumors	13	8	5										1		1	4	7				
17	Simple meningitis	1		1		1					1											
18	Cerebral hæmorrhage and softening	22	10	12												2	3	6	6	4	1	
19	Organic diseases of the heart	26	12	14		1					1	1		1		2	7	6	6	1	1	
20	Acute bronchitis	1		1		1					1											
21	Chronic bronchitis																					
22	Pneumonia	26	14	12		3	1				4		1	4	4	4	2	2	3	2		
23	Other diseases of the respiratory system (tuberculosis excepted)	17	9	8		8	2				10			4		1		1	1			
24	Diseases of the stomach (cancer excepted),	3	1	2														2	1			
25	Diarrhœa and enteritis (under 2 years)	14	8	6		12	2				14											
26	Appendicitis and typhlitis																					
27	Hernia, intestinal obstruction	1		1		1					1											
28	Cirrhosis of the liver	1		1															1			
29	Acute nephritis and Bright's disease	22	11	11	1								1	2	4	4	5	4	1	1		
30	Noncancerous tumors and other diseases of the female genital organs																					
31	Puerperal septicæmia (puerperal fever, peritonitis)																					
32	Other puerperal accidents of pregnancy and labor																					
33	Congenital debility and malformations	19	10	9		19					19											
34	Senility																					
36	Suicide	2	1	1											1			1				
35	Violent deaths (suicide excepted)	8	7	1					1		1		1	1		1	1	1	1	1		
37	Other diseases	38	14	24		5		2			7		2		2	1	3	9	8	4	2	
38	Unknown or ill-defined diseases	1	1			1					1											
	Total	357	188	169	1	60	16	5	2	1	84	11	13	54	41	29	32	44	32	13	4	

Estimated population, 16,153. Deaths excluding non-residents of State, 357. Rate per 1,000 population, 22.10.

List of Licensed Health Officers and Sanitary Inspectors

Following is a list of the persons who have successfully passed the examination provided for in the act approved April 18th, 1903:

HEALTH OFFICERS.

Henry D. Abbott, M. D.....Bayonne.
John K. Adams, M. D.....Orange.
T. Lee Adams.....Ocean City.
Jos. Adler, M. D.....Bayonne.
Martin E. Alpers.....Dover.
Henry V. Amerman.....Kearny.
Fritz M. Arnolt.....Hackensack.
T. Dudley Ballinger.....Princeton.
Wm. M. Barns, M. D.....Millburn.
Howard L. Baumgartner.....Asbury Park.
J. Alonzo Beek, M. D.....Gloucester City.
John K. Bennett, M. D.....Gloucester City.
Joseph V. Bergen, M. D.....Paterson.
Richard Bew, M. D.....Atlantic City.
Duncan W. Blake, Jr., M.D., Gloucester City.
Chas. B. Bleasby, M. D.....Garfield.
Perkins Boynton.....Little Falls.
Henry H. Brinkerhoff, M. D....Jersey City.
Chas. S. Brady, M. D.....Town of Union.
John J. Broderick, M. D.....Jersey City.
Wm. H. Brooke, M. D.....Bayonne.
James E. Brooks.....Glen Ridge.
J. Alex Browne, M. D.....Paterson.
David E. Buckley.....West Orange.
Dundas R. Campbell, M. D.....Newark.
Collis H. Case.....Plainfield.
John J. Casey.....Plainfield.
N. J. Randolph Chandler.....Plainfield.
T. A. Clay, M. D.....Paterson.
Ralph O. Clock, M. D.....Burlington.
Morris W. Clouse, M. D.....Kearny.
Nathan A. Cohen, M. D.....Wildwood.
Max J. Colton.....New Brunswick.
John T. Connelly, M. D.....Bayonne.
Wm. C. Craig, M. D.....Ridgewood.
Chas. V. Craster, M. D....Rosebank, N. Y.
Jos. J. Craven, M. D.....Jersey City.
E. Irving Cronk, M. D.....New Brunswick.
Grant P. Curtis, M. D.....Town of Union.
Samuel S. DeCou.....Trenton.
Jeremiah J. Donovan, M. D.,
Roslindale, Mass.
W. D. Dotterer.....Princeton.
Thos. J. Duffield.....Asbury Park.
Wallace T. Eakins.....New Brunswick.
Chas. P. Eaton.....Jersey City.
Frank H. Edsall, M. D.....Jersey City.
Nelson Elliott, M. D.....Passaic.
R. Clifford Errickson.....Long Branch.
Edward P. Essertier, M. D.....Hackensack.
James A. Exton, M. D.....Arlington.
Wm. T. Fales.....Glen Ridge.
Morris Farkas, M. D.....West Orange.
A. S. Fell, M. D.....Trenton.
Geo. W. Finke, M. D.....Hackensack.
Geo. W. Fithian, M. D.....Perth Amboy.
Jay G. Foose.....Montclair.
Morris Frank, M. D.....Bayonne.
Frank A. Frederick, Jr.....West Hoboken.
Frank A. Frederick, Sr.....West Hoboken.
Richard Frederick.....Jersey City.
John Gaub.....Montclair.
A. I. Goehrig.....Trenton.
Eugene H. Goldberg, M. D.....Kearny.
Hyman L. Goldstein, M. D.....Camden.
Wm. S. Green, M. D.....Paterson.
Chas. A. Griffin, D. V. M.....Orange.
I. N. Griscom, M. D.....Ocean City.
Edward Gnion, M. D.....Atlantic City.
Selskar M. Gunn.....Orange.
James J. Hagan.....Jersey City.
Orville R. Hagen.....Paterson.
John J. Haley, M. D.....Gloucester City.
John Hall.....Long Branch.
Lester Hamblet.....Asbury Park.
Carl Hegstrom.....Perth Amboy.
Alex. M. Heron, M. D.....Lakewood.
Richard B. Hiller.....Plainfield.
F. M. Hoffman, M. D.....New Brunswick.
Wm. L. Holt, M. D.....Maplewood.
J. I. Hoverder, M. D.....Atco.
Robert N. Hoyt.....Summit.
Edward R. Hunter, M. D.....Delanco.
Morton W. Huttenloch.....Montclair.
Ralph L. Huttenloch.....Montclair.
H. W. Ingling, M. D.....Freehold.
Wm. H. Iszard, M. D.....Camden.
Maximilian Jakoby, M. D.....Chrome.
Henry C. James, M. D.....Mays Landing.
Ralph R. Jones, M. D.....Toms River.
Chas. A. Keating, M. D.....Paterson.
Jay E. Kilpatrick.....Montclair.
Chester H. King, M. D.....Oradell.
I. Warner Knight, M. D.....Penn's Grove.
W. U. Kurtz, M. D.....Asbury Park.
Chas. J. Larkey, M. D.....Bayonne.
Geo. W. Lawrence, M. D.....Lakewood.
Malcolm Lewis.....Montclair.
J. William Long.....Trenton.
J. C. Loper, M. D.....Bridgeton.
John L. Lund, M. D.....Perth Amboy.
Henry MacDonald.....Newark.
Wm. H. MacDonald.....Trenton.
J. Scott MacNutt.....Orange.
L. F. Maloney, M. D.....Clifton.
Alex. Marcy, M. D.....Riverton.
V. M. D. Marcy, M. D.....Cape May.
T. W. Margerum.....Princeton.
Elias J. Marsh, M. D.....Paterson.
Emery Marvel, M. D.....Atlantic City.
Harriet O. Mattison.....Plainfield.
Samuel D. Mayhew, M. D.....Bridgeton.
John T. McClure.....Harrison.
Charles McNabb.....Bound Brook.
John J. McDonald.....Jersey City.
Frank B. Meeker, M. D.....Newark.
Josiah Meigh, M. D.....Bernardsville.
Chas. J. Merrell.....Bound Brook.
Chas. S. Mills, M. D.....Riverton.
Philip Morris, C. E.....Passaic.
William Morris.....Roselle Park.
Alfred A. Mutter, M. D.....Arlington.

Nels A. Nelson.....Long Branch.
Marcus W. Newcomb, M. D.....Burlington.
Paul F. Nichols.....Jersey City.
Stanley H. Nichols, M. D.....Long Branch.
Budd H. Obert.....Asbury Park.
John O'Brien, Jr.....Montclair.
James L. Oliff.....Plainfield.
Frank J. Osborne.....Montclair.
George T. Palmer.....Trenton.
Wm. B. Palmer.....Orange.
R. H. Parsons, M. D.....Mt. Holly.
H. T. Partree, M. D.....Eatontown.
Raymond S. Patterson.....New Brunswick.
Joseph Payne, M. D.....Midland Park.
Roy G. Perham, M. D...Hasbrouck Heights.
Harry H. Petit, M. D.....Ridgewood.
Carl T. Pomeroy.....Plainfield.
David N. Pappoport, M. D., Philadelphia, Pa.
Talbot Reed, M. D.....Atlantic City.
Louis J. Richards.....Elizabeth.
W. R. Reick, M. D.....Arlington.
Edward B. Rogers, M. D.....Collingswood.
John N. Ryan, M. D.....Passaic.
Jos. C. Salle.....Bloomfield.
Ferdinand N. Sauer.....Jersey City.
Wm. D. Sayre, M. D.....Red Bank.
Wm. G. Schauffler, M. D.....Lakewood.
Wm. Schleur.....Orange.
Wm. H. Schmidt, M. D.....Atlantic City.
Fred W. Seil, M. D.....Rahway.
Maurice Shapiro, M. D.....Bayonne.
Lewis L. Sharp, M. D.....Palmyra.
J. LeClere Shedaker.....Burlington.
Allton S. Sherman, M. D.....West Orange.
Wm. H. Shipps, M. D.....Bordentown.
Ellen B. Smith, M. D.....Salem.
W. Brand Smith.....Belleville.
Wm. R. Smith, M. D.....Roselle Park.
Milton L. Somers, M. D.....Atlantic City.
Henry J. Spalding, M. D.....Union Hill.
Gobin Stair.....Jersey City.
Fred A. Stetter.....Asbury Park.
Ellsmore Stites, M. D.....Bridgeton.
Fred H. Stover.....Boston, Mass.
Frank H. Streigthoff.....Montclair.
Eugene H. Sullivan.....Orange.
Eugene M. Syrett.....Montclair.
George H. Taylor, M. D.....Maplewood.
John G. Taylor.....Dover.
Walter Taylor, M. D.....Jersey City.
Lewis O. Taynton.....Montclair.
James A. Tober.....Summit.
Leon R. Thurlow.....Plainfield.
George T. Tracey, M. D.....Beverly.
John A. C. Tuil, M. D.....Ventnor.
Wm. Veenstra, M. D.....Paterson.
Maria M. Vinton, M. D.....East Orange.
Gorslon G. Walton, M. D.....Perth Amboy.
Jos. Wantoch, M. D.....Carteret.
Gertrude Ward, M. D.....Bloomfield.
Alex. Weir, Jr.....West Hoboken.
Chester H. Wells.....Montclair.
Wm. A. Wescott, M. D.....Berlin.
Wm. J. Whalen, M. D.....Paterson.
John H. Whiticar, M. D.....Ocean City.
Arthur G. Wigley.....New Brunswick.
Thos. W. Wilhelm.....Perth Amboy.
Hiram Williams, M. D.....Passaic.
Wm. J. Willser.....New Brunswick.
John S. Wilson.....Bridgeton.
Clarence W. Winchell.....Jersey City.
John H. Winslow, M. D.....Vineland.
Fred C. Witte, M. D.....Riverton.
Wm. C. Woodward, M.D., Washington, D. C.
Shirley W. Wynn, M. D....New York City.
Lenore Young, R. N.....Orange.
Warren H. Young, M. D.....Little Falls.

SANITARY INSPECTORS OF THE FIRST CLASS.

Frank Ackley.....Woodbury.
William H. Addis.....Plainfield.
Thomas Ainge.....Lansing, Mich.
Wm. C. Allen.....Trenton.
Henry V. Amerman.....Kearny.
Fred J. Anderson.....Hoboken.
Fritz M. Arnolt.....Albany, N. Y.
Nathan Aronson.....Newark.
Samuel Bachman.....Newark.
Fred S. Ball, M. D.....Lakewood.
Joseph R. Bartlett.....Atlantic City.
Milton E. Baxter.....Jersey City.
John H. Becker, M. D.....Fair Haven.
J. Alonzo Beek, M. D.....Gloucester City.
John J. Belbey.....Morristown.
Charles E. Bellows.....Bridgeton.
Alfred C. Benedict, M. D.....South Orange.
Chester L. Bennett.....Newark.
John K. Bennett, M. D.....Gloucester City.
Casper Benz.....Newark.
Harry K. Berry.....Paterson.
Chas. A. Bettighofer.....Jersey City.
Wm. S. Bird.....Summit.
Joseph C. Bitler, M. D.....Hammonton.
Thomas F. Boles.....Newark.
Henry A. Bonynge, M. D.....Ridgewood.
Fred S. Bootay, M. D.....Belleville.
Lewis E. Boutillier.....Newark.
John F. Boylan.....Bayonne.
Peter Brancato, M. D.....Wyckoff.
Patrick J. Brogan.....Newark.
Alonzo Brower.....Freehold.
Frank Brouwer, M. D.....Toms River.
David E. Buckley.....West Orange.
Robert A. Buhler.....Belmar.
Chauncey V. Bunnell.....Jersey City.
S. Alton Burk.....Atlantic City.
Stephen Campbell, M. D.....Woodbury.
Andrew Carney, Jr.....North Plainfield.
Thomas J. Carter.....Newark.
Collis H. Case.....Plainfield.
John J. Casey.....Plainfield.
Mathew P. Casey.....Jersey City.
N. J. R. Chandler.....Plainfield.
Edward A. Cleary.....Newark.
Albert N. Cleaver.....Perth Amboy.
Michael J. Clery.....Jersey City.
Max J. Colton.....New Brunswick.
Obadiah S. Cole.....Newark.
John H. Concannon.....Woodbridge.
Charles F. Conrad.....Newark.
Wm. F. Conroy.....Jersey City.
John D. Corrigan.....Newark.
Irwin C. Dakin.....Newark.
Harris Day, M. D.....Chester.
Newton DeBaun.....Hackensack.
Burdick Decker.....Paterson.
Walter B. Delaney.....Jersey City.
Frank Denceklan.....Plainfield.
Henry P. Dengler, M. D.....Springfield.
Samuel Denton.....Bayonne.
M. J. Devereaux.....Sea Bright.
Edward J. Devitt.....Jersey City.
C. P. Deyoe, M. D.....Ramsey.
Charles E. Divine.....Newark.
Andrew J. Dolan, M. D.....Jersey City.
John A. Donavan.....Newark.
Daniel J. Donohue, M. D.....Jersey City.
John J. Duff.....Jersey City.
Leo G. Duffy.....Newark.
Marine Dunn.....Rutherford.
Fred J. Dyer.....Grantwood.

H. G. Eakin.....Union Hill.
Wallace T. Eakins.....New Brunswick.
J. I. Ebbels.....Montclair.
Adolph O. Elsasser.....Newark.
Leonard B. Fanquaer, M. D.....Jersey City.
Charles W. Feeney.....Paterson.
Edward F. Flynn.....Newark.
Jay G. Foose.....Montclair.
Helen E. Forbes, R. N.....Morristown.
Frank A. Frederick.....West Hoboken.
Richard Frederick.....Jersey City.
Gustavus E. Freideman.....Newark.
Edward M. French, M. D.....Gibbstown.
Charles S. Gall.....Paterson.
John W. Garey.....Atlantic City.
Bayard T. Garrabrant.....Montclair.
Dennis E. Gavin.....North Plainfield.
Albert E. Geissler.....Kearny.
Wallace M. Gill.....Perth Amboy.
George W. Gilmore.....Newark.
William Gleuck, Jr.....Newark.
A. I. Goehrig.....Trenton.
Hyman I. Goldstein, M. D.....Camden.
John Greaves.....Jersey City.
Louis H. Greenwald.....New Brunswick.
A. M. Grier.....Penn's Grove.
Ambrose J. Gulton.....Jersey City.
Herbert H. Haines.....Trenton.
Earl J. Halligan, M. D.....Jersey City.
Robert H. Hall.....Jersey City.
Lester J. Hamblet.....Asbury Park.
H. L. Harlet, M. D.....Pleasantville.
John C. Harnett.....Jersey City.
Charles W. Harrays, M. D.....Ridgewood.
Frank S. Harris.....Salem.
Fred C. Harris.....Jersey City.
Wm. H. Harrison.....Paterson.
H. W. Hartman, M. D.....Keyport.
Eugene G. Hebener, M. D.....Lakewood.
William W. Heberton, M. D...South Orange.
Carl Hegstrom.....Perth Amboy.
Wm. H. Helm, Jr.....Belmar.
Patrick J. Hennessy.....Jersey City.
Fred W. Hering.....Jersey City.
Alex. M. Heron, M. D.....Lakewood.
A. Gertrude Hines.....Franklin.
Harry M. Hitchner.....Salem.
Adolph E. Hoernig.....Newark.
James A. Howard.....Trenton.
Howard H. Huffert.....Newark.
J. H. C. Hunter.....Dover.
Ralph L. Hurtenloch.....Montclair.
Harry R. Ingalls.....Asbury Park.
H. Wesley Jack.....Collingswood.
Richard Jackson.....Newark.
William F. Kearney.....Paterson.
Charles A. Keating, M. D.....Paterson.
Gerald J. Keating.....Jersey City.
Leavett F. Kelley.....Newark.
Harry E. Kelly.....Jersey City.
John A. Kelly.....Newark.
Robert J. Kelly.....Jersey City.
Stewart Kidd.....Paterson.
John F. Kilkenny.....Morristown.
Jay E. Kilpatrick.....Montclair.
Tunis Kivett.....Paterson.
H. J. Klein.....Wood Ridge.
Henry F. Kneller.....Newark.
William C. Kraemer.....Linden.
Henry A. Kuhmann.....Newark.
Clarence A. Lamont.....Asbury Park.
Bertram S. Lamberton.....Newark.
Patrick J. Lang.....Jersey City.
Geo. W. Langdon.....Jersey City.
John A. Larkin.....Jersey City.
W. H. Lawer, Jr.....Red Bank.
Sadie H. Layton.....Asbury Park.
Gilbert C. Leigh.....Asbury Park.
John Levine.....Newark.
Jos. F. Linhart.....South Orange.
Hilliard L. Lockwood, M. D.....Jersey City.
George C. Losey.....Washington.
William H. Lowe, D. V. S.....Paterson.
John L. Lund, M. D.....Perth Amboy.
Abram A. Lydecker, M. D.....Haledon.
John J. Magner, M. D.....Jersey City.
Frank W. Mallalieu, M. D.....Jersey City.
John A. Manson.....Dover.
Timothy U. Margerum.....Princeton.
Irwin Markowitz, M. D.....Jersey City.
Charles F. Martin.....Newark.
Cullen B. Maxson, M. D.....Jersey City.
Henry S. McAuley.....Atlantic City.
James J. McCarron.....Newark.
John T. McClure.....Harrison.
John T. McClure, Jr.....Harrison.
Jas. L. McEneaney.....Jersey City.
Thorn J. McGeary, M. D.....Jersey City.
Felix McGee.....Millburn.
Edward McGiverin, M. D.....Jersey City.
Richard J. McGrath.....Jersey City.
William McKeon.....Paterson.
Edward F. McLarney.....Jersey City.
Frank J. McLaughlin, M. D.....Jersey City.
Chas. H. McLoughlin.....Newark.
Charles McNabb.....Bound Brook.
James P. McNair.....Paterson.
Claudis E. McNenney, M. D.....Jersey City.
Robert W. Meeker.....Plainfield.
Chas. E. Messerschmidt.....Newark.
H. Garrett Miller, M. D.....Millville.
Harry P. Moffet.....Newark.
John Morlot.....Paterson.
Philip Morris, C. E.....Passaic.
William Morris.....Roselle Park.
R. E. Mosedale.....Bernardsville.
Elmer M. Mount, Jr., M. D.....Jersey City.
Edward Mulvaney, M. D.....Jersey City.
Abraham J. Newman, M. D.....Jersey City.
Frederick W. Nichols.....Newark.
George C. Nicol.....Jersey City.
A. C. Obergfell.....Atlantic City.
M. William O'Gorman, M. D.....Jersey City.
Bernard F. O'Hara.....Jersey City.
James L. Oliff.....Plainfield.
John H. O'Neill, M. D.....Jersey City.
John O'Neill.....Trenton.
Eric Ordell.....Newark.
Jos. G. O'Sullivan.....Newark.
Richard H. L. Osthoff.....Bogota.
Clarence I. Palmer.....Newark.
William B. Palmer.....Orange.
William D. Pelan.....Trenton.
Christian Petry.....Jersey City.
Peter Pirola.....Trenton.
James J. Pray.....Jersey City.
Elmer D. Prickett, M. D.....Mt. Holly.
J. J. Reason, M. D.....Carteret.
Edward M. Reilly.....Montclair.
Thomas E. Reynolds.....Atlantic City.
James E. Rich.....Trenton.
Fred C. Robertson, M. D.....Jersey City.
Edward S. Rogers.....Trenton.
Albert H. Rose.....Trenton.
John E. Rowe, D. V. S.....Summit.
John H. Rowland.....New Brunswick.
Edward A. Ryan.....Newark.
Joseph C. Salle.....Bloomfield.
Garrett E. St. John.....Newark.
Edward H. Salmon, M. D.....Jersey City.
Richard Savage.....Orange.
George Scales.....Rahway.
Wm. C. Schirmer.....Jersey City.
Elvia Scott.....South Orange.
Paul Scott.....Penn's Grove.
Timothy J. Scott.....Summit.
B. F. Seaman, M. D.....Raritan.
W. J. E. Seder.....Newark.
Myron J. Seely.....Montclair.
George R. Sees.....Atlantic City.

Leon A. Sever.....Beverly.
Henry J. Seymour.....Roselle Park.
George F. Shafer.....Hackensack.
J. LeClere Shedaker.....Burlington.
Geo. W. Shinn.....Burlington.
Ruth S. Sickler.....Salem.
Percy W. Sipp.....Newark.
C. C. Sleesman.....Bayonne.
George N. Smith, M. D.....Roselle Park.
Wm. R. Smith.....Roselle Park.
F. Wm. Stahuber.....Trenton.
Thomas J. Steele.....Jersey City.
Louis D. Stern.....Hoboken.
Frederick A. Stetter.....Asbury Park.
Herbert A. Stine.....Plainfield.
Andrew F. Stoveken.....Jersey City.
John P. Stout, M. D.....Jersey City.
Daniel B. Street, M. D.....Jersey City.
Dennis J. Sullivan, Jr.....Jersey City.
J. Frank Summers.....Salem.
Eugene M. Syrett.....Montclair.
Edwin E. Taber.....Long Branch.
John G. Taylor.....Dover.
Joseph Ten Broeck.....Asbury Park.
David R. Thompson.....Delaware City, Del.
Edward L. Titus.....Trenton.
Wm. Tompkins, M. D.....Ridgewood.
Thomas A. Tonge.....Paterson.
J. F. Travers.....New Brunswick.
Emil J. Tschupp.....West Hoboken.

Lynford E. Tuttle, M. D. V...Bernardsville.
Sylvester Utter, M. D.....Paterson.
Albert Van Eerde, M. D.....Hawthorne.
Alfred J. Van Horn.....Paterson.
William Van Loo.....Paterson.
Lloyd M. Van Ness.....New Brunswick.
C. H. W. Van Sciver.....Burlington.
Charles S. Voorhis.....Palmyra.
Burt F. Walsh.....Jersey City.
Thomas P. Walsh.....Newark.
Michael Warshawsky.....Bayonne.
James J. Waters.....Newark.
Harry E. Watt.....New Brunswick.
James Weldon.....Jersey City.
William A. Weber.....Orange.
George A. West.....Raritan.
Joseph Whalley.....Passaic.
Thomas D. Wilhelm.....Perth Amboy.
Frank V. Wilkinson.....Newark.
Fred M. Williams.....Rahway.
Stanley S. Williams.....Newark.
John H. Winslow, M. D.....Vineland.
Frederick E. Wilson.....Bayonne.
H. S. Winterhalter.....Bayonne.
John Wodder.....Perth Amboy.
James A. Woods.....Atlantic City.
James A. Young, Jr.....Paterson.
John S. Young, M. D.....Rahway.
Sara D. Yard.....Trenton.

SANITARY INSPECTORS OF THE SECOND CLASS.

Robert Ballagh.....Hackensack.
John M. Bensel.....Pleasantville.
Frank Born.....Carteret.
John C. Clayton, M. D.....Freehold.
Joseph J. Clickenger.....Irvington.
Charles Cunningham, M. D.....Hammonton.

Frederick J. Dyer.....Grantwood.
George S. Everitt.....Linden.
J. C. Shinn, M. D.....Jamesburg.
Franklin P. Vanlier.....Woodstown.
George Wildman.....Belmar.

SANITARY INSPECTORS OF THE THIRD CLASS.

John J. Bennett.....Belleville.
Charles Butcher, M. D.....Heislerville.
Joseph G. Coleman, M. D.....Hamburg.
Charles Covert.....Leesburg.
Ellis W. Crater, M. D.....Oceanport.
William B. Davis.....Morris Plains.
Robert Dickson.....Fair Haven.
George W. Earl.....Mt. Tabor.
Wm. Everhart.....South Plainfield.
J. N. Fowler.....Port Norris.

Robert A. Hirner.....Woodbridge.
Adrian Hommell.....Asbury Park.
Emerson Hornstra.....Clifton.
Fred D. Hurley.....Asbury Park.
David Jamieson.....Gloucester City.
T. Nelson Lillagore.....Ocean Grove.
Stanley H. Lyon.....Morris Plains.
Henry Moser.....North Bergen.
Lewis E. Potter.....Woodbridge.
William B. Smith.....Belleville.

MEAT INSPECTORS.

Samuel Bruce, D. V. S....Philadelphia, Pa.
Willet H. Cooper, D. V. S.....Trenton.
G. F. Harker, D. V. S.....Trenton.

Richard W. Hewitt, D. V. S.....Camden.
Albert T. Sellers, D. V. S.....Camden.

MILK AND DAIRY INSPECTORS.

Herman C. Alberts.....Jersey City.
Matthew P. Casey.....Jersey City.
Richard Jackson.....Newark.
Herbert H. Haines.....Trenton.
W. Wesley Hibbard.....Jersey City.
Henry F. Kneller.....Newark.
J. Wesley Maple.....Trenton.
Arthur McRoberts.....Jersey City.
Herman H. North.....Jersey City.

Ansel D. Parker.....Delaware, N. J.
Clarence H. Rider.....Jersey City.
Edward S. Rogers.....Trenton.
Samuel J. Shulsise, Jr.....New Brunswick.
Harold E. Stearns, D. V. S.....Kearny.
Thomas J. Steele.....Jersey City.
Thos. A. Tonge.....Paterson.
George D. White, Jr.....Newark.

MILK AND FOOD INSPECTORS.

Harry P. Cassidy.....Philadelphia, Pa.
Louis J. Levy.....Hoboken.

Harold Mellen.....Hoboken.
Abe L. Teifeld.....Hoboken.

FOOD AND DRUG INSPECTORS.

Louis G. Abell.....Elizabeth.
Chester L. Bennet.....Newark.
Lillian G. Binmenau.....Newark.
James E. Connolly.....Newark.
John J. Coughlin.....Elizabeth.
James W. Culbert.....Newark.
Adolph O. Elsasser.....Newark.
Abe Hallperin.....Newark.

Adolph E. Hoering.....Newark.
Jerome Kahn.....New Brunswick.
Edwin J. Kaiser.....Newark.
Henry F. Kneller.....Newark.
John C. Prosch, Ph.D.....Newark.
Max H. Siegel.....Newark.
Albert Spies.....Newark.

PLUMBING INSPECTORS.

R. C. Adamson, Jr.....Long Branch.
Vincent Ahlemeyer.....Jersey City.
Gustave A. Albiez.....Newark.
Henry J. Babcock.....Caldwell.
Richard T. Bagg.....Vineland.
G. E. Bangs.....West Hoboken.
Wm. C. Banta.....Ridgewood.
James Barnard.....Trenton.
Lewis Barnett.....Millville.
Wm. C. Beucler.....Bergenfield.
Hugo W. Bobertz.....Elizabeth.
P. W. Borrows.....Ridgefield Park.
Thos. W. Bradley.....Edgewater.
William F. Brode.....Atlantic City.
Herbert A. Buzzard.....Audubon.
John Campbell.....Paterson.
John L. Campbell.....Haumonton.
Cornelius V. Carty.....East Rutherford.
Anthony P. Ciardi.....Nutley.
Thomas D. Clark.....Woodbury.
Joseph P. Cochran.....Ventnor.
Benjamin M. Cohen.....Newark.
George M. Crawley, Jr.....Newark.
Sidney S. Craythorn.....Beverly.
Francis Cuniskey.....Gattenberg.
Newton DeBaun.....Hackensack.
Peter A. Degnan.....Newark.
Irving J. Demarest.....Westwood.
Herbert L. de Nourie.....East Orange.
J. Elmer Deppe.....Newark.
Conrad Deuchler.....Newark.
Luke J. Devine.....Elizabeth.
Charles J. Dignum.....West Orange.
Edward F. Doran.....Jersey City.
William J. Dorney.....Newark.
Thomas J. Dowling.....Orange.
Martin V. Driscoll.....Jersey City.
Edward A. Dugan.....Gloucester City.
Marine Dunn.....Rutherford.
Frederick J. Dyer.....Grantwood.
Marcus L. Eisele.....Newark.
David M. Elin.....Newark.
Charles R. Ellis.....Rutherford.
Alfred T. England.....Haddonfield.
Cecil Entwistle.....Jersey City.
Robert Evans.....Guttenberg.
Robert J. Fair.....Gloucester City.
Charles W. Fenny.....Paterson.
Hubbard Ferguson.....Ridgewood.
Frank H. Fitzgeorge.....Trenton.
Joseph Fleming.....West Orange.
Henry B. Francis.....Camden.
Howard Frey.....Red Bank.
Napoleon Gomm.....Englewood.
Walter B. Graham.....Vineland.
George T. Haines.....Ventnor.
Adam J. Hammer.....Elizabeth.
James G. Hand.....Ventnor.
August Handley.....West Hoboken.
Bernard M. Hanley.....Jersey City.
Thomas F. Harris.....Orange.
Michael H. Healey.....Lyndhurst.
Thomas P. Healy.....Verona.
James F. Hefferty.....New Brunswick.
Wm. H. Helm, Jr.....Belmar.

George Helmer.....Rutherford.
Patrick J. Hennessy.....Jersey City.
Fred Henniger.....Jersey City.
Henry Herman.....Passaic.
Thos. V. Higgins.....Jersey City.
Conrad C. Hoffmeier.....West Hoboken.
Joseph F. Hourigan.....Hoboken.
Maurice Huckman.....Newark.
Arthur A. Hulse.....South Amboy.
Joseph A. Hurley.....Guttenberg.
A. E. Irwin.....Atlantic Highlands.
John E. Joyce.....Newark.
James A. Judge.....Jersey City.
Archibald A. Kafar, Jr.....Bordentown.
Martin D. Karl.....Garfield.
Joseph E. Keeton.....East Orange.
Edward J. Kelly.....Jersey City.
Leavett F. Kelly.....Newark.
Wm. J. Kelton.....Audubon.
John H. Kerr.....Perth Amboy.
James H. Kiernan.....Jersey City.
Frank S. Kievitt.....Passaic.
John F. Kilkenny.....Morristown.
John N. Krauss.....Leonia.
August C. Krieger.....Town of Union.
Jacob Kull.....Newark.
Charles Kunz.....West Orange.
W. George Lambert.....Riverside.
George W. Lang.....East Orange.
Eugene Lau.....Newark.
W. J. Large.....Vineland.
Joseph P. Lee.....Jersey City.
Joseph Lendner.....West New York.
Tunis Looi.....Lodi.
Joseph M. Loeffler.....Newark.
Warren Mack.....East Orange.
William Maloney.....Jersey City.
Louis Marenghi.....Roselle Park.
James A. Marnell.....Hoboken.
Howard H. Martindell.....Trenton.
Herbert J. Mason.....Vineland.
Henry F. Merzer.....Jersey City.
Andrew McGoekin, Jr.....Newark.
Robert A. McGuire.....Perth Amboy.
George F. McIntyre.....Hammonton.
Harry L. McIntyre.....Hammonton.
James McTague.....Jersey City.
Frank Miller.....Newark.
Patrick J. Monaghan.....Newark.
William S. Mooney.....Jersey City.
Robert F. Morgan, Jr.....Newark.
George M. Mortenson.....South Amboy.
James F. Mulhall.....East Orange.
Charles Munzing.....Jersey City.
Edward F. Murphy.....North Bergen.
Robert B. Murphy.....Ridgewood.
Frederick W. Nichols.....Newark.
John Nolan.....Bayonne.
George H. Northam.....Long Branch.
Joseph J. Norton.....East Orange.
Richard J. O'Crowley, Jr.....Newark.
John O'Shea.....West New York.
Richard W. L. Osthoff.....Bogota.
Hugh F. Parle.....Jersey City.
Raymond W. Pettibone.....Island Heights.

Samuel Powell.....Roselle Park.
Charles Reeve.....Long Branch.
Arthur G. Reeves.....Cape May City.
John B. Reeves.....Haddon Heights.
Bernards B. Reiley.....New Brunswick.
Rudolph Riemenschneider....Town of Union.
Edward A. Rogers.....Trenton.
Alfred B. Rooney.....Jersey City.
Anthony S. Ruddy.....East Orange.
Patrick J. Ryan.....Wallington.
Anthony H. Sachs.....Carlstadt.
Michael Saul.....Newark.
Edgar A. Seeurman.....Perth Amboy.
George J. Scheurle.....Weehawken.
Wm. A. Sehner.....Palisades Park.
George F. Shafer.....Hackensack.
Michael A. Shanahan.....Jersey City.
Charles F. Shaw.....Collingswood.
John H. Simmerman.....Pitman.
R. LeRoy Skillman.....Newark.
Clarence B. Slack.....Trenton.
Henry A. W. Smith.....Ocean City.
Harold L. Snyder.....Camden.
Joseph Sonnenberg.....Irvington.
John Specht.....Newark.
William F. Specht, Jr.....Atlantic City.
B. H. Soy.....Atlantic City.
Charles Steller.....Town of Union.
G. H. Soult.....Ridgewood.
Andrew F. Stoveken.....Jersey City.
Edward A. Sullivan.....Newark.
Fred. Taylor.....East Rutherford.
Charles Turkowsky.....West New York.
Thomas Vail.....South Amboy.
Wm. P. VanKirk.....Beverly.
Geo. W. VanVarick.....Clifton.
Oscar J. Verhoek.....Irvington.
Robert J. Walker, Jr.....Atlantic City.
Thomas Walton.....Camden.
Michael Warrhawsky.....Bayonne.
John J. Waters.....Jersey City.
George S. Webb.....Wildwood.
James C. Wegham.....Wildwood.
Alex. Weir, Jr.....West Hoboken.
C. H. Weller.....Hightstown.
Charles F. West.....Gloucester City.
Joseph Whalley.....Passaic.
Charles M. Whelan.....Trenton.
Jason H. Wildrick.....Washington.
Leslie H. Williams.....East Orange.
Charles S. Wilmot.....Haddon Heights.
John Wodder.....Perth Amboy.
Harry A. Wilkins.....Newark.
Louis V. Ziegler.....Ridgefield Park.
William G. Ziegler.....West Hoboken.

SEWAGE PLANT OPERATORS.

Richard H. L. Ostlhoff.....Bogota.
Henry Young.....River Edge.
John W. Norton.....Maywood.

WATER PLANT OPERATORS.

Edwin F. Langford.....Paterson.
John L. Radcliffe.....Elizabeth.

List of Sanitary Districts

CITIES.

Absecon, Atlantic county. Samuel Johnson, Secretary.

Asbury Park, Monmouth county. Howard D. LeRoy, Director Public Safety; B. H. Obert, Health Officer and Registrar; Fred Stetter, Inspector.

Atlantic City, Atlantic county. Talbot Reed, M. D., Health Officer and Registrar; Harry C. Beck, Inspector.

Bayonne, Hudson county. Pierre P. Garven, President; Morris Brodman, Secretary; W. W. Brooke, M. D., Health Officer; H. S. Winterhalter, Inspector.

Beverly, Burlington county. Jos. E. Hammell, President; A. V. Woolston, Secretary and Registrar.

Bordentown, Burlington county. Jos. R. Malone, Secretary; C. D. Mendenhall, Health Officer; A. P. Thorn, Inspector.

Bridgeton, Cumberland county. Enos Paullin, President; Sidney O. Williams, Secretary; Chas. E. Bellows, Sanitary Inspector.

Burlington, Burlington county. Dr. J. B. Cassady, President; J. Le Clerc Shedaker, Reporting Officer.

Camden, Camden county. H. H. Davis, M. D., President; Eugene B. Roberts, Secretary; John F. Leavitt, M. D., Health Officer.

Cape May City, Cape May county. W. R. Sheppard, President; Wm. Porter, Secretary; V. M. D. Marcy, Health Officer; Arthur C. Reeves, Inspector.

Clifton City, Passaic county. Richard Lovell, President; Edward D. Close, Secretary; Geo. Van Varick, Health Officer.

East Orange, Essex county. Frank B. Lane, President; T. Dudley Ballinger, Health Officer.

Egg Harbor City, Atlantic county. Henry M. Cressman, President; Wm. Morgenweck, Secretary.

Elizabeth, Union county. Sidney M. Williams, President; Louis J. Richards, Health Officer.

Englewood, Bergen county. Walter Phillips, President; John D. Collins, Secretary; John A. Mauson, Inspector.

Gloucester City, Camden county. Harlen S. Miner, President; A. W. Redfield, Secretary; Dr. J. A. Beek, Inspector.

Hoboken, Hudson county. Patrick R. Griffin, President; John Beroccio, Clerk and Registrar.

Jersey City, Hudson county. James J. Hagen, Health Officer; John Harnett, Inspector.

Lambertville, Hunterdon county. Chas. Mathews, President; Samuel A. Finger, Clerk and Registrar.

Long Branch, Monmouth county. Chas. Rosencrans, President; R. C. Errickson, Health Officer.

Margate City, Atlantic county. Anthony Gertzen, Jr., Secretary.

Millville, Cumberland county. Dr. F. V. Ware, President; H. L. Thomas, Secretary; Frank Bullock, Health Officer and Registrar.

Newark, Essex county. Robert F. Morgan, Jr., Clerk; Chas. V. Craster, Health Officer.

New Brunswick, Middlesex county. E. I. Cronk, M. D., Health Officer; J. McLaughlin, Registrar.

Northfield City, Atlantic county. Wm. Oxley, President; A. R. Vickers, Secretary.

Orange, Essex county. John O'Brien, Health Officer; Richard Savage, Inspector.

Passaic, Passaic county. Geo. N. Seger, President; Virginia Hand, Secretary; Percy H. Terhune, M. D., Health Officer.

Paterson, Passaic County. Frank M. Barr, President; Tunis Kivett, Secretary; O. R. Hagen, M. D., Health Officer.

Perth Amboy, Middlesex county. Chas. I. Silk, M. D., President; C. S. Thompson, Secretary and Health Officer.

Plainfield, Union county. Dr. Wm. H. Murray, President; Dr. Frank C. Ard, Secretary; N. J. Randolph Chandler, Health Officer.

Port Republic City, Atlantic county. John W. Barton, President; G. H. Champin, Secretary.

Rahway, Union county. Wm. H. Randolph, President; Chas. H. Lambert, Secretary; Fred M. Williams, Health Officer.

Salem, Salem county. Chas. E. Markley, President; Geo. Kirk, Secretary; Harry M. Hitchner, Inspector.

Sea Isle City, Cape May county. R. C. Scott, M. D., President; Irving Fitch, Secretary.

Somer's Point, Atlantic county. Geo. Goll, President; Walter A. Smith, Secretary.

South Amboy, Middlesex county. Thomas Looley, President; Michael J. Sullivan, Secretary; William J. Nagle, Registrar; Nicholas Hawley, Inspector.

Summit, Union county. Burton L. Boye, President; Wm. S. Bird, Secretary.

Trenton, Mercer county. A. S. Fell, M. D., Health Officer; Howard H. Ely, Registrar; Wm. C. Allen, Inspector.

Ventnor City, Atlantic county. Dr. Thomas Youngman, President; James C. Scull, Secretary.

Wildwood, Cape May county. N. A. Cohen, Health Officer.

Woodbury, Gloucester county. Edward F. Saint, President; W. E. Keat, Secretary.

BOROUGHS.

Allendale, Bergen county. G. M. Parkhurst, M. D., President; Ambrose K. Merrill, Secretary.

Allenhurst, Monmouth county. T. C. Cottrell, President; Chas. E. King, Secretary.

Allentown, Monmouth county. Dr. H. P. Johnson, President; Dr. H. A. Anderson, Secretary; Harry Disbrow, Registrar; Geo. Wilbur, Inspector.

Alpha, Warren County. Dr. Wm. H. Albright, President; Cleveland M. Rhen, Secretary.

Alpine, Bergen county. Joseph M. Garvey, President; Robert H. Monroe, Secretary.

Andover, Sussex county. S. S. Wills, President; Wm. E. Wilson, Secretary.

Atlantic Highlands, Monmouth county. H. A. Hendrickson, M. D., President; Rev. Geo. H. Gardner, Secretary.

Audubon, Camden county. Joseph Donley, President; Wm. Sands, Clerk; Wm. J. Kelton, Health Officer.

Avalon, Cape May county. R. W. Rosenbaum, Clerk and Registrar.

Avon, Monmouth county. John Thomson, President; John Supple, Clerk; Henry P. Jones, Inspector.

Barnegat City, Ocean county. Wm. H. Bailey, Secretary.

Barrington, Camden county. John S. Roberts, President; Herbert H. Ball, Secretary.

Bay Head, Ocean county. R. H. Metcalf, President; Julius Foster, Jr., Secretary.

Beach Haven, Ocean county. Walter C. Sharp, President; Dr. Herbert Willis, Clerk and Health Officer.

Belmar, Monmouth county. Chas. F. Groff, President; Fred V. Thompson, M. D., Clerk and Registrar.

Bergenfield, Bergen county. Frank Riehl, President; Henry J. Brock, Secretary; W. Regan, Registrar.

Bloomingdale, Passaic county. William Tice, President; James L. Close, Secretary.

Bloomsbury, Hunterdon county. Cline Petty, President; J. A. S. Stone, Clerk and Registrar.

Bogota, Bergen county. Thomas B. Ryan, President; John F. Hill, Secretary.

Bound Brook, Somerset county. H. S. Smalley, Jr., President; John W. Reed, Secretary; Chas. McNabb, Health Officer and Registrar.

Bradley Beach, Monmouth county. Fred Reichey, Clerk and Registrar.

Branchville, Sussex county. John A. McCarrick, Clerk and Registrar.

Brielle, Monmouth county. Harry Kroh, Clerk.

Butler, Morris county. E. P. Smithyman, President; Allen Looker, Secretary.

Caldwell, Essex county. Richard J. Waugh, President; A. E. Broadbent, Secretary; H. J. Babcock, Health Officer.

Califon, Hunterdon county. Lester M. Apgar, President; John W. Beaty, Clerk and Registrar; Dr. Thomas R. Adams, Sanitary Inspector.

Cape May Point, Cape May county. Washington Le Noir, President, John T. Huff, Health Officer.

Carlstadt, Bergen county. W. Lehman, President; Oscar M. Macher, Secretary; Anthony Sachs, Inspector.

Chatham, Morris county. Dr. Walter A. Jaquith, President; J. Thomas Scott, Secretary; Geo. L. Kelley, Inspector.

Chesilhurst, Camden county. John Graham, President; J. T. Humphries, Clerk.

Clayton, Gloucester county. Dr. G. C. Brown, President; C. F. Fisler, M. D., Secretary.

Cliffside Park, Bergen county. Robert Cadien, President; O. R. McElwain, Secretary.

Clinton, Hunterdon county. H. S. Leatherman, President; Geo. S. Hall, Clerk and Reporting Officer.

Closter, Bergen county. J. M. Haring, President; Alfred Anderson, Secretary.

Collingswood, Camden county. Geo. B. Whidder, President; C. C. Powell, Secretary.

Cresskill, Bergen county. Walter J. Dean, President; John Maguire, Secretary; Dr. J. B. W. Lansing, Inspector.

Deal, Monmouth county. Robert Offenbach, President; Michael F. Weir, Secretary.

Delford, Bergen county. J. D. Hoffmire, President; G. R. Spalding, Secretary; J. S. Voorhees, Registrar; Dr. S. A. Vandewater, Inspector.

Demarest, Bergen county. Watson J. Mosier, President; Geo. V. Morten, Secretary.

Dumont, Bergen county. Wm. M. Peck, President; Harry J. Busch, Secretary; Geo. F. Shafer, Inspector.

Dunellen, Middlesex county. Lorin M. Treichler, President; Dr. H. W. Bearce, Secretary; Chas. A. Coriell, Registrar.

East Atlantic City, Atlantic county. E. R. Smith, Registrar.

East Newark, Hudson county. William B. McGlennon, President; Jos. A. McDonald, Secretary; Frank Smith, Registrar; William Gilchrist, Health Officer; John Keenan, Inspector.

East Paterson, Bergen county. John Cooper, President; Senior W. Childs, Secretary and Registrar; Dr. John J. Ritter, Health Officer.

East Rutherford, Bergen county. Oscar Fortenback, President; Wm. Eigenrauch, Secretary and Registrar; Dr. C. D. Brooks, Health Officer; C. V. Carty, Inspector.

Edgewater, Bergen county. Arthur J. Carleton, Secretary and Registrar; Geo. W. Allison, Health Officer.

Elmer, Salem county. H. J. Conover, President, Irvine R. Wentzell, Secretary.

Emerson, Bergen county. Geo. Bauckham, President, Arthur J. Sharpe, Secretary; Geo. Schaffer, Inspector.

Englewood Cliffs, Bergen county. Dr. Christian E. G. Porst, President; William Hamilton, Secretary.

Englishtown, Monmouth county. J. A. Lambert, President; S. H. Mount, Secretary; S. B. Ely, Registrar.

Essex Fells, Essex county. Howard M. Cook, President; Earle L. Legg, Secretary and Registrar.

Fair Haven, Monmouth county. Tunis V. V. Kendrick, President; Arthur B. Sickles, Secretary.

Fairview, Bergen county. Ruiggiere Frugoli, President; E. R. Greenhalgh, Secretary and Registrar.

Fanwood, Union county. Dr. F. W. Wescott, President; W. Y. Bellejeau, Secretary.

Farmingdale, Monmouth county. John Cook, President; Harry Hulsart, Secretary; Dr. John B. Boyd, Inspector.

Fieldsboro, Burlington county. Frank Ferry, President; W. H. Errickson, Secretary and Registrar.

Flemington, Hunterdon county. Geo. Webster, President; Barclay S. Fuhrman, Secretary.

Florham Park, Morris county. Chas. H. Gerring, President; Wm. V. Tunis, Secretary and Registrar.

Folsom, Atlantic county. Louis Schulze, Secretary; Dr. Chas. Cunningham Health Officer.

Fort Lee, Bergen county. George Lane, President; Joseph Cook, Secretary and Registrar; Dr. Fred J. Dyer, Health Officer and Inspector.

Franklin, Sussex county. Dr. C. M. Denning, President; James R. Stephens, Secretary and Registrar; Mabel M. Clarke (Mrs.), Inspector.

Frenchtown, Hunterdon county. Hugh Taylor, President; E. J. Stryker, Secretary; O. E. Broderick, Health Officer and Inspector.

Garfield, Bergen county. Andrew Mashare, President; Louis Heinzmann, Secretary; Dr. Chas. B. Eleasby, Health Officer.

Garwood, Union county. Louis M. Wenezel, President; William T. Froat, Secretary and Registrar; William Morris, Inspector.

Glen Gardner, Hunterdon county. E. W. Rush, Clerk.

Glen Ridge, Essex county. W. Wallace Schouler, President; James E. Brooks, Secretary and Health Officer.

Glen Rock, Bergen county. Dr. Irwin H. Beach, President; G. H Lane, Clerk; Dr. Albert Van Eerde, Inspector.

Haddonfield, Camden county. Allen Clymer, Secretary and Registrar.

Haddon Heights, Camden county. Dr. A. T. Eaton, President; Edw. Jenks, Secretary; A. N. C. Davis, Registrar.

Haledon, Passaic county. Max Melhorn, President; Theo. B. Kegelman, Clerk and Registrar; A. A. Lydecker, Health Officer and Inspector.

Hampton, Hunterdon county. Lloyd D. Bawbly, President; H. J. Dalrymple, Secretary.

Harrington Park, Bergen county. Gustave Frank, President; Chas. H. Odell, Secretary; J. F. Hallenbeck, Registrar; Dr. Chas. A. Richardson, Inspector.

Harvey Cedars, Ocean county. Louis H. Kinzie, Clerk.

Hasbrouck Heights, Bergen county. H. B. Vannote, President; Wm. J. Schweickert, Secretary and Registrar; Roy G. Perham, M. D., Health Officer.

Haworth, Bergen county. Chas. S. Forbes, President; I. N. Clark, Secretary and Registrar.

Hawthorne, Passaic county. Paul A. Wieland, President; Henry V. Teetsell, Secretary; Joseph Payne, M. D., Health Officer and Inspector; Joseph Jowett, Reporting Officer.

Helmetta, Middlesex county. Clinton M. Clemons, President; Chas. B. Johnson, Secretary; Dr. J. C. Shinn, Health Officer.

High Bridge, Hunterdon county, C. A. Longly, Clerk.

Highland Park, Middlesex county. A. P. Daire, President; Wm. H. Holman, Secretary.

Highlands, Monmouth county. B. J. Niemock, President; W. H. Hennessey, Secretary and Registrar; W. F. Morris, Inspector.

Hightstown, Mercer County. C. Allen Ely, President; C. H. Weller, Secretary and Inspector.

Hohokus, Bergen county. F. H. Haviland, President; J. B. Harmon, Secretary; Wm. Tompkins, Inspector.

Hopatcong, Sussex county. Richard Voorhees, President; Alva Nelson, Secretary and Registrar; Chas. Lewis, Inspector.

Hopewell, Mercer county. Dr. Robert P. Miller, President; Fred. I. Sutphen, Secretary and Registrar.

Island Heights, Ocean county. Wm. T. McKaig, Clerk and Registrar.

Jamesburg, Middlesex county. J. B. Pownall, President; J. A. Thompson, Secretary; J. L. Suydam, M. D., Inspector.

Keansburg, Monmouth county. Dr. Chas. Palmer, President; Edward T. Compton, Secretary and Inspector.

Kenilworth, Union county. Sanderson I. Ruth, President; Louis Nathanson, Secretary.

Keyport, Monmouth county. Gustave Maurer, President; Chas. F. Tuthill, Secretary and Registrar; S. H. Cassidy, Reporting Officer and Inspector.

Laurel Springs, Camden county. Frank B. Cook, M. D., President; Vanderbilt Arnold, Secretary; Jos. W. Durand, Registrar; Geo. W. Cline, Inspector.

Lavalette, Ocean county. Geo. W. Johnson, Member of board.

Leonia, Bergen county. Theodore Willich, President; C. J. Kirkland, Secretary and Registrar; Dr. Frances B. Tyson, Health Officer.

Linden, Union county. J. L. Neubauer, President; J. M. Capraun, Secretary and Registrar.

Lindwood, Atlantic county. Henry S. Seull, President; Daniel L. Sutton, Secretary.

Little Ferry, Bergen county. Henry Bergman, Sr., President; Emil Daunacher, Secretary; Carl Lamker, Registrar; Fred Knapp, Inspector.

Lodi, Bergen county. John W. Lane, President; G. H. Van Vorst, Secretary; Dr. H. H. Brevoort, Inspector.

Longport, Atlantic county. William S. Gilmore, Secretary and Registrar.

Madison, Morris county. A. C. Puddington, President; C. W. Scarborough, Secretary; S. Fred. Burnet, Registrar.

Magnolia, Morris County. L. C. Lyon, M. D., President; Alex Montgomery, Secretary.

Manasquan, Monmouth county. H. D. Newman, President; Robert M. Marks, Secretary and Registrar; Alonzo Mount, Inspector.

Mantoloking, Ocean county. J. R. Such, President; S. C. Shadinger, Secretary.

Matawan, Monmouth county. Dr. Cyrus Knecht, President; Wm. H. Rodgers, Secretary.

Maywood, Bergen county. Henry Heck, President; G. M. Fetzer, Secretary and Registrar; R. H. L. Osthoff, Inspector.

Mendham, Morris county. G. S. De Groot, President; G. S. Thompson, Registrar and Health Officer.

Merchantville, Camden county. Joseph D. Lawrence, M. D., President; John W. Mickle, Secretary and Registrar.

Metuchen, Middlesex county. Herman Gross, President; Chas. P. Hull, Secretary.

Middlesex, Middlesex county. Henry J. Oesterling, President; Arthur T. Moore, Secretary.

Midland Park, Bergen county. Henry G. Rohrs, President; Jacob H. Olthuis, Secretary and Registrar; Joseph Payne, M. D., Inspector.

Milford, Hunterdon county. A. D. Spoor, President; Frank P. Vanderbilt, Secretary; A. Arling Hill, Inspector.

Millstone, Somerset county. Dr. L. O. B. Taylor, President; E. M. Davis, Clerk.

Milltown, Middlesex county. C. W. Waddington, President; J. Milton Brinder, Secretary; R. A. Harkins, Registrar.

Monmouth Beach, Monmouth county. Jacob S. Manahan, President; Joel R. Wooley, Secretary.

Mantoloking, Ocean county. J. Ridgway Such, President; S. C. Shadinger, Secretary.

Montvale, Bergen county. August H. Girard, President; Edgar C. Eldridge, Secretary and Registrar; Geo. F. Shafer, Inspector.

Moonachie, Bergen county. Henry Veitheer, President; Bernard A. Love, Secretary and Registrar.

Mountainside, Union county. Frederick Gordon, President; T. J. Ketts, Secretary.

Mount Arlington, Morris county. R. T. Chaplin, President; T. L. Schafer, Secretary; F. H. Tappen, Inspector.

Mount Tabor, Morris county. A. O. Fitzgerald, President; R. A. Lawless, Secretary; John H. Ward, Registrar; Geo. W. Earl, Inspector.

National Park, Gloucester county. P. B. Milligan, President; Wm. E. Beers, Secretary.

Neptune City, Monmouth county. Frank Larrison, President; Sharon F. Smith, Secretary; Daniel Gouldy, Inspector.

Netcong, Morris county. T. H. Mahany, President; J. P. Meade, Secretary.

New Providence, Union county. Charles B. Nevius, President; William Woodruff, Clerk and Registrar; Rufus B. Samson, Inspector.

North Arlington, Bergen county. John W. Whitla, President; John H. Shields, Clerk and Registrar; Joseph A. Klitch, Inspector.

North Caldwell, Essex county. W. B. McCall, President; Frank Francisco, Secretary.

North Haledon, Passaic county. Wm. G. Ellis, President; Joseph Graham, Secretary; Dr. A. A. Lydecker, Inspector.

North Plainfield, Somerset county. James L. Love, President; Jas. L. Ollif, Health Officer; Dr. A. H. Dundon, Reporting Officer and Registrar.

Northvale, Bergen county. Joseph Argenti, President; Jacob Scharer, Secretary and Registrar; Dr. Chas. A. Richardson, Inspector.

North Wildwood, Cape May county. Dr. Margaret Mace, President; Chas. F. Sanders, Secretary.

Norwood, Bergen county. William F. Harra, President; Clifton Demarest, Secretary and Registrar.

Oakland, Bergen county. Chas. H. Sheffield, President; E. L. McNamee, Secretary; Dr. E. W. Hamilton, Reporting Officer and Inspector.

Oaklyn, Camden county. John Beasley, President; Richard D. Early, Clerk and Registrar.

Ocean City, Cape May county. T. Lee Adams, Health Officer.

Ogdensburg, Sussex county. Wm. S. Percy, Secretary.

Old Tappen, Bergen county. J. Z. Bogart, President; Chas. De Wolf, Clerk and Registrar.

Palisade Park, Bergen county. Louis Quad, President; W. G. Stevens, Secretary and Registrar.

Park Ridge, Bergen county. Dr. S. Alexander, President; T. G. Forbes, Secretary and Registrar; Geo. F. Shafer, Inspector.

Paulsboro, Gloucester county. Frank Richards, President; S. Walter Loucks, Secretary and Registrar.

Peapack, Somerset county. W. D. Vanderbeck, President; F. H. Ludlow, Clerk.

Pemberton, Burlington county. Benjamin T. Cranmer, President; J. J. Brander, Clerk.

Pennington, Mercer county. Dr. I. F. P. Turner, President; Charles M. Titus, Secretary; Frank A. Blackwell, Inspector.

Penns Grove, Salem county. Edward S. Harris, President; Wm. F. Yeager, Secretary and Registrar; J. F. Summers, Inspector.

Pitman, Gloucester county. David H. Schock, President; Albert V. Peterson, Secretary and Registrar; B. F. Maltison, Health Officer.

Pleasantville, Atlantic county. R. A. Cole, President; Jesse Bowen, Secretary; Neil D. Campbell, Reporting Officer; Dr. W. J. Hudson, Inspector.

Point Pleasant Beach, Ocean county. Chas. W. Dampman, President; H. O. Shoemaker, Jr., Secretary and Registrar; Joseph Elberson, Inspector.

Pompton Lakes, Passaic county. H. Seymore Smith, President; Thomas Wood, Secretary.

Princeton, Mercer county. Prof. Ulric Dahlgren, President; W. B. Howe, Clerk; W. C. Blake, Registrar and Health Officer.

Prospect Park, Passaic county. Henry F. Wondenberg, President; Lambertus Touw, Clerk; Abraham A. Lydicker, Health Officer.

Ramsey, Bergen county. Paul A. Abry, President; Henry R. Parvin, Clerk.

Red Bank, Monmouth county. W. A. Rullman, President; W. A. Clayton, Secretary.

Ridgefield, Bergen county. Benjamin F. Wilkinson, President; James A. Massie, Secretary and Registrar.

Ringwood, Passaic county. S. R. Colfax, Secretary.

Riverside, Bergen county. Homer Hasbrouck, President; W. L. Reihl, Secretary; G. F. Shafer, Inspector.

Riverton, Burlington county. Edward C. Stoughton, President; Samuel W. Collin, Secretary; Fred C. Witte, Reporting Officer; Charles G. Davis, Registrar.

Rockaway, Morris county. William A. Parliman, Clerk and Registrar.

Rocky Hill, Somerset county. Wm. M. Stults, President; Wm. Hickman, Secretary.

Roosevelt, Middlesex county. Edw. J. Heil, President; R. Joseph Murphy, Clerk; C. C. Sheridan, Registrar; Frank Born, Reporting Officer.

Roseland, Essex county. H. G. Rinkle, President; E. A. Williams, Secretary and Registrar.

Roselle, Union county. C. P. Higgins, President; E. A. Albright, Secretary.

Roselle Park, Union county. Chas. Fitchen, President; Chas. E. Benton, Secretary.

Rumson, Monmouth county. Geo. H. Churchill, President; V. A. Ligier, Secretary; Dewitt Scott, Inspector.

Rutherford, Bergen county. Dr. William C. Williams, President; Fred. F. Hooker, Secretary.

Saddle River, Bergen county. J. C. Ware, President; Russell C. Ackerman, Clerk.

Sayreville, Middlesex county. Edward E. Clark, President; P. F. McCutcheon, Clerk and Registrar; both of Sayreville.

Sea Bright, Monmouth county. Dr. Jas. J. Reed, President; N. J. Devereaux, Secretary and Registrar; Abram Embly, Inspector.

Seaside Heights, Ocean county. Daniel Allen, President; Chas. F. Homer, Secretary and Registrar.

Seaside Park, Ocean county. H. P. Hoff, Clerk.

Secaucus, Hudson county. Thomas Sprouls, President; Gerson Lowenstein, Clerk; Wm. Buesing, Inspector.

Sea Girt, Monmouth county. Dr. C. A. Morris, President; Ezilphia Cranmer, Secretary.

Somerville, Somerset county. Dr. Aaron L. Stillwell, President; Wm. R. Sutphin, Secretary; Geo. D. Patten, Inspector.

South Bound Brook, Somerset county. Dr. J. T. Robinson, President; T. L. Walters, Secretary.

South Cape May, Cape May county. Isaac H. Days, President; E. B. Martin, Secretary.

South River, Middlesex county. Fred Quad, President; Wm. Kline, Secretary; Fred Quad, Sanitary Inspector.

Spotswood, Middlesex county. Jos. Hodapp, Sr., President; Phineas M. Bowne, Secretary and Registrar.

Spring Lake, Monmouth county. Dr. S. R. Knight, President; D. H. Hills, Secretary.

Stanhope, Sussex county. Peter J. Kelly, President; J. J. Shaw, Secretary and Registrar.

Stockton, Hunterdon county. Col. H. M. Reading, President; Wm. P. Mason, Secretary.

Stone Harbor, Cape May County. C. O. Litzkus, Secretary.

Surf City, Ocean county. H. L. Lukens, Clerk.

Sussex, Sussex county. H. D. Van Goosbeck, President; H. E. Wells, Secretary; L. J. Fuller, Inspector.

Swedesboro, Gloucester county. Dr. J. G. Halsey, President; W. H. Rieger, Secretary; Dr. T. E. Turner, Inspector

Tenafly, Bergen county. Dr. J. B. Lansing, President; Herman D. Hensel, Secretary; Arthur Powell, Inspector.

Totowa, Passaic county. John Duffghe, President; W. E. Pattberg, Secretary and Registrar; Dr. Veenstra, Health Officer.

Tuckerton, Ocean county. L. T. Blackman, President; James E. Otis, Secretary and Reporting Officer

Upper Saddle River, Bergen county. James D. Carlough, President; August Weiss, Secretary and Inspector.

Verona, Essex county. Judson W. Parker, President; Louis C. Miller, Secretary and Reporting Officer; T. Brooks, Registrar.

Vineland, Cumberland county. Louis Basso, President; Fred. Koetz, Secretary and Registrar; John H. Winslow, Health Officer.

Waldwick, Bergen county. Michael Wyane, President; W. H. Shuart, Clerk and Reporting Officer.

Wallington, Bergen county. Edward Taylor, President; James J. Brennan, Secretary and Registrar; P. J. Ryan, Inspector.

Wanaque, Passaic county. Joseph C. Beam, Secretary, Midvale.

Washington, Warren county. F. J. LaRiew, M. D., President; R. B. Groat, Secretary and Registrar; Geo. C. Losey, Inspector.

Wenonah, Gloucester county. William C. Cattell, President; Jesse W. English, Clerk and Registrar; William Hubert, Health Officer and Inspector.

West Caldwell, Essex county. J. D. McChisman, President; P. S. Johnson, Secretary.

West Cape May, Cape May county. W. H. Smith, President; F. R. Hughes, Secretary and Reporting Officer.

West Long Branch, Monmouth county. Charles Stillwagon, President; Frank A. Poole, Secretary and Registrar.

West Paterson, Passaic county. Geo. Mills, President; John L. Merkel, Jr., Secretary and Registrar.

Westville, Gloucester county. J. D. Haines, President; W. B. Atkinson, Secretary and Registrar.

Westwood, Bergen county. James Mussor, Jr., President; James E. Ackerman, Secretary and Registrar; Irving J. Demerest, Inspector.

Waldwick, Bergen county. Michael Wyane, President; W. H. Shuart, Clerk; both of Waldwick.

Wharton, Morris county. John R. Spargo, Secretary.

Wildwood Crest, Cape May county. R. Scampton, President; E. B. Fagan, Secretary and Registrar.

Woodbine, Cape May county. Dr. J. Joffe, President; May Cytron, Secretary; R. Zellermeyer, Inspector.

Woodbury Heights, Gloucester county. Phillip C. Bishop, President; H. S. Brose, Secretary.

Woodcliffe Lake, Bergen county. John H. Wortendyke, President; H. W. Fish, Secretary and Registrar.

Woodlynne, Camden county. Willard Riggs, President; Christian Dupont, Secretary.

Wood Ridge, Bergen county. F. W. Lehman, President; Joseph H. Beck, Secretary and Registrar.

Woodstown, Salem county. H. V. Foster, President; W. B. Foster, Secretary and Registrar; J. M. Hustead, Inspector.

Wrightstown, Burlington county. P. Carbine, President; Charles Romine, Secretary; Edgar West, Inspector.

TOWNS.

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Belvidere, Warren county. Dr. Frank R. Lefferts, President; Geo. H. Weaver, Secretary.

Bloomfield, Essex county. Jacob S. Wolfe, M. D., President; Joseph C. Saile, Secretary and Registrar.

Boonton, Morris county. Byron E. Coleman, President; Frank Banta, Secretary; Fred B. Worman, Inspector.

Dover, Morris county. Geo. F. Steffany, President; William H. Tonking, Secretary; William G. Hummel, Registrar; John C. Taylor, Inspector.

Freehold, Monmouth county. S. L. Bennett, President; Alonzo Brower, Secretary and Registrar.

Guttenberg, Hudson county. Chas. Yeager, President; Jacob Saredy, Clerk.

Hackensack, Bergen county. A. M. Powless, President; E. A. Goodheart, Secretary.

Hackettstown, Warren county. James Tamblyn, President; A. G. Boettiger, Secretary; R. G. Clark, Inspector.

Hammonton, Atlantic county. C. R. Scullin, President; Wayland De Puy, Secretary and Registrar; Dr. Chas. Cunningham, Inspector.

Harrison, Hudson county. John T. Malone, President; Eugene A. Riordan, Secretary; John T. McClure, Health Officer.

Irvington, Essex county. Jos K. Clickenger, Reporting Officer and Inspector.

Kearny, Hudson county. Dr. A. A. Mutter, President; A. B. Anderson, Secretary.

Montclair, Essex county. Henry Trippett, Secretary; John Gaub, Health Officer.

Morristown, Morris county. Dr. G. A. Beeker, President; James D. Ball, Secretary and Registrar.

Newton Town, Sussex county. Dr. Warren H. Smith, President; A. V. B. Mackerley, Secretary; Rose McPeek, Inspector.

Nutley, Essex county. Ernest P. Cook, Commissioner; Eugene N. Sullivan, Health Officer.

Phillipsburg, Warren county. John Houser, President; J. C. Perdoe, Clerk; Alma L. Milliston, M. D., Health Officer.

Town of Union, Hudson county. James J. Vervoort, President; Jesse P. Clayton, Secretary.

Westfield, Union county. Dr. R. G. Savage, President; C. W. Harden, Clerk and Registrar; Andrew Carney, Reporting Officer.

West Hoboken, Hudson county. Thomas H. McCann, President; Frank A. Frederick, Clerk and Health Officer.

West New York, Hudson county. A. C. Einbeck, President; William McDowell, Clerk; Rudolph Kunze, Reporting Officer.

West Orange, Essex county. David E. Buckley, Secretary, Registrar and Health Officer.

VILLAGES.

Ridgefield Park, Bergen county. Joseph Fletcher, President; Howard B. Ficken, Secretary and Registrar.

Ridgewood, Bergen county. R. W. Muns, President; E. L. Zabriskie, Secretary; Dr H. H. Pettitt, Health Officer; W. Morris, Registrar; P. B. Murphy, Inspector.

South Orange, Essex county. R. D. Freeman, President; J. Budd Smith, Secretary; A. C. Benedict, Reporting Officer and Inspector.

TOWNSHIPS.

Alexandria, Hunterdon county. Frank Cole, Clerk, R. F. D Milford; Dr. F. S. Grim, Inspector, R. F. D. Milford.

Allamuchy, Warren county. Geo. Hartman, Secretary and Registrar, Allamuchy

Alloway, Salem county. John Crawley, President, Alloway; H M. Loveland, Secretary and Reporting Officer, Bridgeton, R. F. D. No. 8.

Andover, Sussex county. Thomas J. Cuff, President, Newton, R. F. D. No. 3; W. H. Fritts, Secretary and Reporting Officer, Newton, R. F. D. No.1.

Atlantic, Monmouth county. Frank E. Heyer, Clerk and Reporting Officer, Colts Neck

Bass River, Burlington county. William T. Cramer, President; C. S. Cramer, Secretary, Registrar, Reporting Officer; both of New Gretna.

Bedminster, Somerset county. Jacob Powelson, President; H. M. McMurtry, Secretary; both of Somerville, R. F. D. No. 3.

Berkeley, Ocean county. Benjamin F. Butler, President, Bayville; Newell R. Harker, Secretary, Toms River; Dr. J. Frank Brouwer, Health Officer, Toms River.

Berlin, Camden county. Dr. Raughley, President; X. F. Ottiger, Secretary; Dr. F. O. Stern, Inspector; all of Berlin.

Bernards, Somerset county. Kenneth B. Schley, President, Far Hills; Jos. B. Kronenberg, Secretary; Dr. R. E. Mosedale, Inspector; both of Bernardsville.

Bethlehem, Hunterdon county. Chas. Hoppock, President; John McCrea, Secretary and Registrar; both of West Portal.

Beverly, Burlington county. Jos. B. Carter, Clerk, Delanco.

Blairstown, Warren county. D. J. Shotwell, President, Delaware, R. F. D.; Jos. A. Dugan, Clerk and Registrar, Vails; Dr. H. O. Carhart, Inspector, Blairstown.

Boonton, Morris county. John Bott, Jr., President, Boonton, R. F. D.; Edmund H. Stickle, Clerk and Registrar, Boonton, R. F. D. No. 2.

Bordentown, Burlington county. Dr. C. D. Mendenhall, President; Samuel Johnson, Secretary; Dr. Hugh de Jambre, Inspector; all of Bordentown.

Branchburg, Somerset county. William H. Higgins, Secretary and Reporting Officer, North Branch.

Brick, Ocean county. J. A. Dorsett, Secretary and Reporting Officer, West Point Pleasant.

Bridgewater, Somerset county. Chas. Wiedemere, President; Somerville; John Slattery, Clerk and Registrar; Dr. B. T. Seaman, Inspector; both of Raritan.

Buena Vista, Atlantic county. Orville E. Searls, President; Douglas Reed, Secretary; both of Vineland.

Burlington, Burlington county. Thomas P. Birkett, President; Thomas B. Gandy, Secretary and Inspector; both of Burlington.

Byram, Sussex county. Geo. P. Hart, President; Wm. Sickles, Secretary; both of Stanhope.

Caldwell, Essex county. Henry Meyers, President; Henry T. Robinson, Secretary; both of Caldwell.

Cedar Grove, Essex county. Lewis G. Bowden, President; H. B. Whitehorne, Secretary; A. A. Pretz, Registrar; C. H. Wells, Inspector; all of Verona.

Centre, Camden county. John H. Bowers, Jr., President; Wm. F. Miller, Secretary; both of Mount Ephraim.

Chatham, Morris county. Louis A. Noe, President, Madison; J. Herbert Bebout, Secretary and Registrar, Chatham, R. F. D. No. 2.

Chester, Burlington county. Rush D. Rogers, President; Dr. F. G. Stroud, Secretary and Health Officer; both of Moorestown.

Chester, Morris county. Spafford Teck, President; J. Cecil Hoffman, Secretary and Registrar; both of Chester.

Chesterfield, Burlington county. C. M. Bunting, President; Wm. Wallace, Clerk and Registrar; both of Crosswicks.

Cinnaminson, Burlington county. Howard H. Taylor, President; Geo. C. Frank, Secretary; Dr. J. V. Janey, Inspector; all of Riverton.

Clark, Union county. Chas. H. Brewer, President, Rahway, R. F. D. No. 2; Thos. Thompson, Secretary, Rahway, R. F. D. No. 1.

Clementon, Camden county. F. E. McCann, President, Clementon; Geo. W. Evans, Secretary, Lindenwold; Dr. Wm. C. Raughley, Inspector, Berlin.

Clinton, Hunterdon county. Wm. Gano, President; Howard Biggs, Secretary and Registrar; Dr. C. G. Boyer, Health Officer and Inspector; all of Annandale.

Commercial, Cumberland county. Ogden Shropshire, President; Walter Sharp, Secretary; Jos. N. Fowler, Inspector; all of Port Norris.

Cranbury, Middlesex county. C. Raymond Wicoff, Secretary and Registrar, Cranbury.

Cranford, Union county. John G. Rouch, President; Alfred H. Miller, Secretary and Inspector, Cranford.

Deerfield, Cumberland county. E. R. Parvin, President; James McNab, Secretary; both of Deerfield.

Delaware, Camden county. Wm. Groff, President; W. B. Jennings, Secretary; both of Haddonfield.

Delaware, Hunterdon county. John S. Cray, President, Stockton; N. V. Myers, Secretary, Sergeantsville.

Delran, Burlington county. William F. Karderer, Chairman; Rodman P. Gaskill, Secretary; both of Bridgeboro.

Dennis, Cape May county. R. B. Mason, President, Belleplain; Rolla Hewitt, Secretary, Ocean View; Eugene Way, Medical Inspector, Dennisville.

Denville, Morris county. Calvin L. Lawrence, President, Dover; Joseph Ellsworth, Clerk, Denville; Geo. H. Foster, Medical Inspector, Rockaway.

Deptford, Gloucester county. Isaac Cunard, Chairman; Ellison K. Turner, Secretary; both of Sewell.

Dover, Ocean county. Lucien B. Gravatt, President; Theodore Fischer, Clerk; Dr. Frank Brouwer, Sanitary Inspector; all of Toms River.

Downe, Cumberland county. Harry E. Love, President; Sheppard Campbell, Clerk and Registrar; both of Newport.

Eagleswood, Ocean county. Howard G. Shinn, President; Robert S. Rutter, Secretary and Registrar; both of West Creek.

Eastampton, Burlington county. Samuel J. Crammer, President, Smithville; Phillip Croshaw, Secretary, Mount Holly, R. F. D.

East Amwell, Hunterdon county. Ira M. Snook, President, Three Bridges, R. F. D. No. 1; John J. Horn, Secretary, Hopewell; Dr. P. C. Young, Inspector, Ringoes.

East Brunswick, Middlesex county. C. Stults, President; R. B. Herbert, Reporting Officer; both of New Brunswick, R. F. D. No. 3.

East Greenwich, Gloucester county. Amos G. Haines, President, Clarksboro; J. C. Dausen, Secretary and Registrar, Mickleton.

East Windsor, Mercer county. Lemuel Black, President, Hightstown; Wm. Kirby, Secretary and Registrar, Etra.

Eatontown, Monmouth county. J. C. Rush, Chairman; Percy B. Cook, Secretary; both of Eatontown; E. W. Crater, Inspector, Oceanport.

Egg Harbor, Atlantic county. John J. Blackman, President, Motor Route B, Atlantic City; Chas. L. Smith, Secretary, Mays Landing; Wm. Hauenstein, Registrar, Motor Route A, Atlantic City; Woodman Hudson, Inspector, Pleasantville.

Elk, Gloucester county. Warren Garrison, President, Monroeville; H. E. Mayhew, Secretary, Aura.

Elsinboro, Salem county. J. L. Smith, President; David B. Fox, Clerk; both of Elsinboro, R. F. D. No. 2.

Evesham, Burlington county. B. Melvin Stow, President; B. K. Brick, Secretary, both of Marlton.

Ewing, Mercer County. Chas. L. Zenker, Chairman, Trenton Junction; Wm. G. V. Haas, Secretary, Trenton, R. F. D. No. 1; Dr. F. S. Watson, Health Officer, 811 Stuyvesant Avenue, Trenton.

Fairfield, Cumberland county. James B. Mulford, President, Fairton; W. Mulford Johnson, Secretary, Bridgeton, R. F. D. No. 1.

Florence, Burlington county. Chester Emmons, President; Byron Carty, Secretary; both of Florence.

Frankford, Sussex county. Geo. B. Titman, President, Augusta; J. W. Fountain, Secretary, Branchville; Geo. W. Smith, Registrar, Augusta.

Franklin, Bergen county. Henry P. Winters, Chairman, Wortendyke; C. H. Bush, Secretary; Dr. Peter Braniato, Inspector; both of Crystal Lake.

Franklin, Gloucester county. Henry Finger, Jr., President, Franklinville; Chas. H. Lincoln, Clerk, Vineland, R. F. D.

Franklin, Hunterdon county. James Allen, President, Clinton; A. E. Robeson, Secretary, Pittstown.

Franklin, Somerset county. Chas. H. Suydam, President; J. L. Totten, Secretary, New Brunswick, R. F. D. No. 5; Dr. J. H. Cooper, East Millstone.

Franklin, Warren county. Elmer Hoffman, Chairman; C. H. Hoagland, Secretary and Registrar; both of Asbury.

Fredon, Sussex county. J. M. Budd, President; W. N. Westbrook, Secretary; both of Newton, R. F. D. No. 1.

Freehold, Monmouth county. C. Arthur Burke, President; John C. Clayton, Reporting Officer and Inspector; both of Freehold.

Frelinghuysen, Warren county. James Toomatti, Chairman, Newton, R. F. D.; Wm. E. Angle, Secretary and Registrar, Blairstown, R. F. D. No. 1.

Galloway, Atlantic county. Chester Conover, Registrar, Oceanville.

Glassboro, Gloucester county. C. W. Schwenzfeier, President; J. O. Wilmot, Secretary; both of Glassboro.

Gloucester, Camden. Joseph R. Powell, Clerk; J. Ansen Smith, M. D., Health Officer; both of Blackwood.

Green, Sussex county. A. Hull, President, Huntsville; I. L. La Bar, Secretary and Registrar, Tranquility.

Greenwich, Cumberland county. Ethan P. Glaspey, Assessor, Greenwich.

Greenwich, Gloucester county. James De Vault, President, Paulsboro; Jacob Allen, Secretary and Registrar; Dr. E. French, Inspector; both of Gibbstown.

Greenwich, Warren county. John N. Kinkle, Clerk; Dr. F. A. Curtis, Inspector; both of Stewartsville.

Haddon, Camden county. Alfred M. Mathews, Chairman; J. M. Ackley, Secretary; both of Westmont.

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Hamilton, Mercer county. Dr. F. B. Zandt, President, Hamilton Square; W. C. Rockhill Hart, Secretary, 409 Johnston Avenue, Trenton; James N. Reed, Reporting Officer and Sanitary Inspector, 148 E. Washington Street, Trenton; Harry N. Rogers, Registrar, Hamilton Square.

Hampton, Sussex county. J. Martin Cousé, President; J. W. Thompson, Secretary; both of Newton, R. F. D. No. 5.

Hanover, Morris county. Dr. R. V. D. Totten, President; Stanley H. Lyon, Secretary and Registrar; both of Morris Plains.

Hardwick, Warren county. Harry Messler, President, Blairstown, R. F. D.; A. R. Mott, Secretary, Marksboro.

Hardyston, Sussex county. Albert L. Rude, President; Nicholas Farber, Secretary; both of Hamburg.

Harmony, Warren county. Elston Stoop, President; Freeman Schuler, Secretary; H. B. Bossard, Inspector; all of Phillipsburg, R. F. D. No. 1.

Harrison, Gloucester county. William Skinner, President; Geo. S. Kier, Secretary; both of Richwood.

Hillsboro, Somerset county. J. D. Quick, President, South Branch; J. E. Anderson, Secretary, Neshanic; W. W. French, Inspector, Mellemeid, R. F. D.

Hillsdale, Bergen county. Geo. W. Saul, President; Arthur J. Stevers, Registrar; both of Hillsdale.

Hillside, Union county. Arnold F. Hobbe, President, Hillside; John Leyser, Secretary; A. J. Thomas, Inspector; both of Lyons Farm.

Hohokus, Bergen county. Chas. Van Derbeck, President; Albert Winter, Clerk and Registrar; both of Mahwah.

Holland, Hunterdon county. Samuel Vanzealous, President; Frank S. Huff, Secretary; both of Milford.

Holmdel, Hunterdon county. Jacob Wyckoff, President, Keyport, R. F. D.; Alex L. McClees, Clerk and Registrar, Holmdel.

Hope, Warren county. L. B. Hopkins, President, Great Meadows; C. R. Westbrooke, Secretary; Dr. Walter Storm, Inspector; both of Hope.

Hopewell, Cumberland county. Wm. C. Hannan, President; C. E. Bowen, Clerk and Registrar; both of Shiloh.

Hopewell, Mercer county. Peter O. Voorhees, President, Skillman, R. F. D.; Jos. R. Burroughs, Secretary and Registrar, Glen Moore; D. J. W. Richards, Inspector, Pennington.

Howell, Monmouth county. Howard Ketcham, President, Farmingdale; James H. Butcher, Secretary and Registrar; Geo. W. McMillan, Inspector; both of Freehold, R. F. D.

Hudson county. James L. Lynch, Secretary, Jersey City.

Independence, Warren county. A. B. Leigh, President; F. W. Haggerty, M. D., Secretary; F. A. Parke, Reporting Officer, Vienna.

Jackson, Ocean county. Thos. Harker, President, Cassville; Atwood Horner, Secretary, Lakewood, R. F. D. No. 3.

Jefferson, Morris county. Horace Paulis, President, Milton; B. W. Bright, Secretary and Registrar, Wharton, R. F. D.

Kingwood, Hunterdon county. R. N. Van Horn, President, Stockton, R. F. D.; Wm. W. Case, Secretary and Registrar, Baptistown; T. S. Gunn, Inspector, Frenchtown.

Knowlton, Warren county. James Snyder, President, Delaware; John M. Young, Secretary and Reporting Officer, Columbia, R. F. D. No. 1.

Lacey, Ocean county. Daniel S. Holmes, President; William V. Wilbert, Secretary; both of Forked River.

Lafayette, Sussex county. James H. Iliff, President; William S. Vought, Secretary; both of Lafayette.

Lakewood, Ocean county. John H. Airing, President; Geo. H. Hulbert, Clerk; both of Lakewood.

Landis, Cumberland county. Theo. Foote, President; Ernest E. Howe, Clerk; both of Vineland, R. F. D. No. 3.

Lawrence, Cumberland county. Morgan B. Husted, President; J. Wayne Mulford, Clerk; Furman Sheppard, Registrar; all of Cedarville.

Lawrence, Mercer county. Thos. R. Stevens, President, Trenton, R. F. D. No. 4; Frank Pierson, Secretary, Lawrenceville.

Lebanon, Hunterdon county. J. W. Force, Secretary, Glen Gardner.

Linden, Union county. Frank R. Anderson, Secretary, Linden.

Little Egg Harbor, Ocean county. Eugene Cummings, President; Wm. Cummings, Jr., Clerk and Registrar; both of Parkertown; Dr. J. L. Lane, Medical Director, Tuckerton.

Little Falls, Passaic county. James Steel, Secretary, Little Falls.

Livingston, Essex county. Wm. Rathbun, Registrar and Reporting Officer, Livingston.

Lodi, Bergen county. John Nordyke, President, Garfield Park; John Clausen, Jr., Secretary, Hackensack, Sub. Station No. 2.

Logan, Gloucester county. Chas. Lamson, President, Swedesboro; S. B. Platt, Secretary, Bridgeport.

Long Beach, Ocean county. Chas. H. Eckman, Secretary and Registrar, Beach Haven.

Lopatcong, Warren county. Stanley Drake, Secretary, R. F. D., Phillipsburg.

Lower, Cape May county. J. D. Hoffman, President; Aaron Woolston, Secretary; Dr. W. A. Lake, Health Officer; all of Cape May City, R. F. D. No. 1.

Lower Alloways Creek, Salem county. Jedediah O. Plummer, President, Quinton; Edward Hancock, Secretary, Hancocks Bridge.

Lower Penns Neck, Salem county. Chas. Humphreys, President, Penns Grove, R. F. D. No. 1; Chas. Casperson, Clerk and Registrar, Pennsville.

Lumberton, Burlington county. L. A. Baumbach, President; Frank M. Cotton, Secretary; both of Lumberton.

Lyndhurst, Bergen county. Abraham Levitt, President; Fred P. Wagner, Jr., Secretary; Wm. Boshan, Inspector; all of Lyndhurst.

Madison, Middlesex county. Richard Burham, President; Ebenezer Bowne, Secretary; both of Matawan.

Manalapan, Monmouth county. Edward Hendrickson, President; G. B. Conover, Clerk; both of Englishtown.

Manchester, Ocean county. Dr. Harold Pittis, Clerk, Lakehurst.

Mannington, Salem county. Charles F. Hacket, President, Sharptown; Elmer Criscom, Clerk and Registrar, Salem.

Mansfield, Burlington. Wm. R. Sharp, President; Jos. H. Armstrong, Secretary; J. E. Dubell, M.D., Inspector; all of Columbus.

Mansfield, Warren county. John C. Beaty, Secretary, Port Murray.

Mantua, Gloucester county. Edward Taylor, President; Richard Kincaid, Secretary; Dr. E. Z. Hillegass, Sanitary Inspector; all of Mantua.

Marlboro, Monmouth county. J. D. Ely, M.D., Clerk, Marlboro.

Matawan, Monmouth county. Lewis H. Stemler, President; Stephen J. Sullivan, Secretary; Dr. Nathan Ervin, Inspector; all of Matawan.

Maurice River, Cumberland county. Levi Sharp, President, Heislerville; Henry Reeves, Jr., Clerk and Registrar; Chas. A. Covert, Sanitary Inspector; all of Leesburg.

Medford, Burlington county. Chas. P. Kirkbride, President; William M. Potts, Secretary; both of Medford.

Mendham, Morris county. H. M. Babbitt, President; Frank Dean, Secretary; Geo. W. Savadge, Reporting Officer and Registrar; Dr. W. A. McMurtrie; all of Brookside.

Middle, Cape May county. V. N. Erricson, Secretary, Dias Creek; Julius Way, Sanitary Inspector, Cape May Court House.

Middleton, Monmouth county. Isaac Morris, President, Middletown; Howard W. Roberts, Secretary and Reporting Officer, New Monmouth; Dr. O. W. Budling, Inspector, Belford.

Midland, Bergen county. Otto Weisgerber, President; Thomas Barry, Clerk; both of Ridgewood.

Millburn, Essex county. Abram Rose, President, Short Hills; Chas. R. Reeve, Secretary, Millburn.

Millstone, Monmouth county. A. B. Chamberlain, President, Perrineville; Geo. J. Ely, Jr., Secretary and Registrar, Ely's Corner, R. F. D. Cranbury; Geo. M. Davison, Health Officer, Imlaystown.

Monroe, Gloucester county. John W. McClure, Secretary, Williamstown.

Monroe, Middlesex county. John D. Butcher, President, Cranbury, R. F. D. No. 4; Robert R. Vandenberg, Clerk and Registrar, Prospect Plains.

Montague, Sussex county. Jacob McCarty, President; Geo. McCarty, Secretary and Registrar; G. Otto Pobe, Health Officer, Port Jervis, R. F. D. No. 1, N. Y.

Montgomery, Somerset county. P. S. Terhune, President, Skillman, R. F. D.; E. L. Van Zandt, Secretary, Blawenberg.

Montville, Morris county. Fred. Van Duyne, Clerk, Towacco.

Morris, Morris county. Thomas T. Sauck, President; J. Paul Jamieson, Clerk; Thomas T. Sands, Reporting Officer and Registrar; all of Morristown.

Mount Laurel, Burlington county. L. W. Wells, President; W. Clifford Godfrey, Clerk; both of Moorestown.

Mount Olive, Morris county. Watson McPeak, President; Hez. Smith, Secretary; both of Flanders.

Mullica, Atlantic county. Henry Tappin, President, Egg Harbor, R. F. D.; A. J. McKeorie, Secretary, R. F. D. Hammonton; Dr. Chas. Cunningham, Sanitary Inspector, Hammonton.

Neptune, Monmouth county. Harry G. Shreve, Chairman; Frank P. Butcher, Secretary; Harry G. Shreve, Registrar; both of Ocean Grove; Fred A. Stetter, Health Officer, Asbury Park.

New Hanover, Burlington county. John Nash, President; E. J. Bunting, Secretary; both of Wrightstown; Frank Danley, Inspector, Pointville.

New Providence, Union county. Percy G. Honeyman, President. R. F. D. No. 2, Chatham; David Hardy, Clerk, Scotch Plains.

Northampton, Burlington county. C. C. Cowperthwaite, President; John D. Mason, Secretary; Elmer D. Prickitt, M. D., Health Officer; all of Mount Holly.

North Bergen, Hudson county. James Nolan, President, North Bergen; Fred Sterukopf, Clerk, 923 Traphagen Street, North Bergen.

North Brunswick, Middlesex county. A. Yorsten, President; E. Irving Meseroll, Secretary; both of New Brunswick, R. F. D. No. 4.

North Hanover, Burlington county. John B. Lawrence, President; Harry Borden, Secretary; both of Jacobstown.

North Plainfield, Somerset county. Francis E. Bodin, Secretary, Watchung.

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Ocean, Ocean county. M. E. Johnson, President; W. B. Wilkins, Clerk, Waretown.

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Woolwich, Gloucester county. W. A. Kirby, President; T. W. Hendrickson, Secretary and Registrar; both of Swedesboro.

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