

FIFTY-NINTH ANNUAL REPORT

OF THE

Department of Health

OF THE

STATE OF NEW JERSEY

PROPERTY
OF THE 1936
STATE DEPT. OF HEALTH
OF
NEW JERSEY.

V.S. 614.091

N.J.

Bureau of Vital
Statistics



Mr. Scott.

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Department of Health of the State of New Jersey

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MISS MARGARET L. MacNAUGHTON, Vice-President.....Jersey City
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J. LYNN MAHAFFEY, M.D., *Director*

The offices of the Department are in the State House, Trenton

STATE OF NEW JERSEY,

DEPARTMENT OF HEALTH,

TRENTON, N. J., August 16, 1936.

To the Senate and General Assembly of the State of New Jersey:

As required by law, I have the honor of submitting herewith the Annual Report of the Department of Health, together with accompanying important documents, for the fiscal year ending June 30, 1936.

IRVIN E. DEIBERT, M.D.,
President,

State Department of Health.

STATE OF NEW JERSEY,

DEPARTMENT OF HEALTH,

TRENTON, N. J., August 16, 1936.

To the Department of Health of the State of New Jersey:

GENTLEMEN—I have the honor to submit herewith the Annual Report of the Department for the year ending June 30, 1936. The reports of the Bureau Chiefs will give comprehensive accounts of the activities of the ten Bureaus of the Department during the year.

Respectfully submitted,

J. LYNN MAHAFFEY,
Director of Health.

Report of the Director of Health

J. LYNN MAHAFFEY, M.D.

A year ago I pointed out that the ten cents per capita spent by this Department is used to furnish New Jersey residents a wide range of public health protection. This includes supervision of water supplies and sewage disposal, sanitation in the milk, ice cream, shellfish and other food industries, communicable disease control in its many aspects, a high grade laboratory service, instruction in hygiene for young and old, and a standard system of vital statistics. At this small cost, each person in the State receives benefits which he could not purchase, individually, at any price.

During the year covered by this report, which ended June 30, 1936, the State received even more for its investment. The laboratories of the Department examined more than 113,000 specimens, an increase of 5,000 during the year. Bacteriological tests have nearly doubled in ten years. Camps and roadside stands in several rural counties were inspected, a task never before attempted on so large a scale. Many insanitary conditions were abated as a result. Other services mentioned in this report were increased in most instances.

Further reduction occurred in diseases for which means of prevention are known and used, such as diphtheria, tuberculosis and typhoid. All three reached new low records. For the first time, the maternal mortality rate dropped below 5 per 1,000 births. The new record of 4.5 is gratifying, but far from satisfactory since it means that 245 mothers died in childbirth.

These indications of progress are heartening but they are tempered to some extent by the rise of heart disease and cancer, which strike down many who now reach middle life. Moreover, new communicable diseases have appeared in New Jersey in recent years, including tularemia, psittacosis and Rocky Mountain spotted fever. Although not yet impressive in numbers, they remind us that our offensive against infectious diseases must be unremitting.

MANY SHARE RESPONSIBILITIES

To promote human welfare to the extent suggested has required the co-operative effort of numerous organized groups, the enforcement of law, continued public instruction and a strengthening of that "will to do" called morale. In this crusade, the Department has carried on a well rounded program, but has kept in mind the principle of home rule, so cherished in this Commonwealth. Thus local health departments, school authorities, physicians and others were usually helped to do effective work in their communities rather than relieved of duties which should be assumed locally.

On the other hand, the Department is charged with the enforcement of some 175 health laws and must perform many services which local officials are not prepared to undertake, because of lack of personnel or funds or both. For these reasons the services listed below, and many others which cannot be tabulated, were rendered:

Routine inspections	31,264
Specimens and samples examined in the laboratories	113,313
Samples collected by employees	11,676
Case reports of disease received, checked, tabulated and filed..	95,979
Certificates of births, marriages and deaths received, tabulated and permanently filed	135,000
Special investigations, often requiring many man-hours	3,545
Conferences with local health officials, physicians, other officials and citizens, many of them by request	4,696
Plans for sanitary engineering projects examined and approved	454
Persons examined for license as health officer, sanitary inspector, plumbing inspector, water or sewage plant operator	266
Lectures and other talks	675

Services rendered by the 160 child hygiene nurses are in addition to those listed above. Most of these nurses are paid locally, but supervised by this Department. During the year, expectant mothers, infants, preschool and school children to the number of 197,000 came under the influence of these teachers of child hygiene.

SIGNIFICANT FACTS

An organization of ten bureaus carries on the work of the State Department of Health, and the reports of the bureau chiefs describe in detail the achievements of the year. From these, certain facts are set forth here as being of more than ordinary significance.

Although infantile paralysis was much more prevalent than normal, causing 512 cases of illness in numerous municipalities, mostly in the northern part of the State, only two large local epidemics of other diseases occurred. A milk-borne outbreak of 175 or more cases of septic sore throat, with seven deaths, occurred in Bergen County. Raw milk was the vector of infection. After years of relative freedom from malaria throughout the State, 126 cases were reported from Camden County and vicinity, where a series of pools furnished breeding places for anopheles mosquitoes. Elimination of such breeding places formed a worth while WPA project sponsored by the Department.

Another project in community sanitation built 600 modern privies in rural and suburban areas in nine counties during the last four months of the fiscal year. Property owners supplied the materials which were fabricated and erected by WPA labor. Cost to the owner averaged about \$24.00 per privy. Orders for 1,100 additional privies were on hand July first.

Release of Federal funds for public works in the State caused a sharp rise in the number of plans of new water supply and sewage disposal works submitted for Departmental approval. Some 454 plans were checked for work estimated to cost \$3,801,286.

HIGHER STANDARDS SET

Four important court decisions strengthened the Department's supervision of sewage disposal and water purification. In one, a borough which discharged improperly treated sewage into the Atlantic Ocean near bathing beaches was ordered to cease such pollution and improve the treatment plant in a manner approved by the Department. Three other cases decided in the State's favor concerned the furnishing of information relative to treat-

ment plants, employment of an unlicensed operator and supplying impure water to the public.

A study of sprinkling filter construction and operation led to a revision of the rules governing this step in sewage purification.

As a result of numerous outbreaks of illness due to contaminated filling in cream puffs and éclairs, regulations were adopted during the year governing the preparation and distribution of cream- and custard-filled bakery products. These rules require, among other safeguards, that the custard shall be quickly chilled after cooking, to 50 degrees or below and be kept cold.

The plan whereby out-of-State dairies inspected by certain city health departments are not visited by State inspectors and vice versa, thus avoiding unnecessary, duplicate inspection, worked out as well last year as in 1934. Under this arrangement, local health inspectors from New Jersey visited 6,038 dairies and 100 milk plants outside the State and representatives of this Department inspected 4,236 dairies and 156 milk plants.

Two advanced steps in the training of child hygiene nurses will improve their qualifications in the future. The initial training period for nurses entering this field has been lengthened to four weeks and some 125 experienced nurses enrolled during the year in special courses in the Understanding and Management of the Child, given in Newark and Camden.

Comparing venereal disease reports coming from clinics with those from physicians in private practice, an increase of nearly 20 per cent. in the latter was noted last year. This gain in privately-treated patients may be due to improved economic conditions.

The way to prevent congenital syphilis is well known and practical to apply. To end this scourge of innocent children, adult education is needed so that routine tests of women will be made early in pregnancy and antisyphilitic treatment given if necessary.

SOCIAL SECURITY ACT BUDGETS

A duty placed upon the Department during the year was to submit budgets for the use of Federal funds, allotted to New Jersey for public health under the Social Security Act. To submit proposals of real merit so as to insure sound use of these funds required a great deal of hard work by the staff. The result was a group of proposals, most of which extended and improved existing activities which had proved their worth. All but one of the budgets received Federal approval. New employees to be paid from these funds are being certified by the Civil Service Commission. The first of them entered the organization about the close of the fiscal year.

Regulation of the hundreds of public swimming pools which now exist throughout the State is still lacking for want of authority to enact rules governing their construction and operation. A bill giving such power, which had the approval of the Department and of the New Jersey Health Officers' Association, was again introduced in the last session of the Legislature but did not pass.

The public is demanding more and more service of a public health nature. Whether this reflects the present attitude toward paternalistic government or is a result of years of public health education is hard to say. Perhaps both are causes. In either case, opportunity has been opened for greater and more effective use of our knowledge of sanitation and preventive medicine. Coincident with the demand has come a means for expanding the services of State and local health departments through the use of Federal grants. The effect of these two events on the future of public health in New Jersey will be watched with interest.

STATEMENT SHOWING EXPENDITURES BY BUREAUS OF THE DEPARTMENT OF HEALTH OF THE STATE
OF NEW JERSEY FOR THE YEAR ENDING JUNE 30, 1936

Bureaus	Payrolls	Traveling Expense	Stationery	Office Equipment	Printing	Sundry	Auto Maint.
Administration	\$22,470.59	\$2,298.51	\$1,814.24	\$76.80	\$298.73	\$468.40	.....
Vital Statistics	28,140.00	12.52	53.61	337.79	2,042.61	1,067.70	.....
Local Health Administration	37,952.10	970.25	153.24	89.88	516.22	32.35	\$1,889.01
Barber Division	4,925.00	2,323.59	212.79	65.85	295.27	256.75	.....
Toxoid Division	960.00	29.47	3.30	.....	148.70	9.78	.....
Food and Drugs	32,140.00	9,097.61	11.40	16.00	379.08	152.59	96.18
Milk Plant Division	7,560.00	2,642.64	233.25	.....	182.06	42.19	.....
Shellfish Division	14,060.00	2,372.83	7.53	66.60	45.83	248.52	607.53
Ice Cream Division	1,800.00	219.88	2.50	17.00	33.00	.....	291.35
Engineering	44,315.00	2,548.76	122.54	.....	253.08	1,387.07	1,847.60
Chemistry	22,523.00	85.44	26.91	.....	91.76	.....	.....
Bacteriology	32,303.95	126.94	338.98	89.10	717.80	165.77	.....
Child Hygiene	77,600.97	19,568.56	436.46	58.71	1,707.03	184.38	.....
Veneral Disease Control	16,210.00	2,151.05	145.70	4.30	393.42	259.90	.....
Public Health Education	4,500.00	19.06	16.36	.....	27.51	26.00	.....
Total of Columns	\$347,447.61	\$44,467.09	\$3,581.01	\$1,022.03	\$7,132.80	\$3,635.45	\$4,731.67

STATEMENT SHOWING EXPENDITURES BY BUREAUS OF THE DEPARTMENT OF HEALTH OF THE STATE
OF NEW JERSEY FOR THE YEAR ENDING JUNE 30, 1936—Continued

Bureaus	Tabulating Machine Rental	Laboratory Supplies	Laboratory Equipment	Binding Cert.	Boat Maint.	Plant Expense	Printing Public Health News
Administration
Vital Statistics	\$1,068.00	.....	.....	\$495.10	.....	.....	.....
Local Health Administration	154.00	.....	.....	.....	.....	.....	.....
Barber Division
Toxoid Division
Food and Drugs	\$259.97	.....	.....	.....	.....	.....
Milk Plant Division
Shellfish Division
Ice Cream Division
Engineering
Chemistry	3,234.41	\$235.50	.....	.....	.....	.....
Bacteriology	12,745.49	866.67	.....	.....	.....	.....
Child Hygiene
Veneral Disease Control
Public Health Education
Total of Columns	\$1,222.00	\$16,239.87	\$1,102.17	\$495.10	\$1,990.90	\$747.45	\$900.00

DEPARTMENT OF HEALTH

STATEMENT SHOWING EXPENDITURES BY BUREAUS OF THE DEPARTMENT OF HEALTH OF THE STATE OF NEW JERSEY FOR THE YEAR ENDING JUNE 30, 1936—Continued

Bureaus	Engineering Equipment	Chinic Equipment	Inspection Service	Welfare Station Equipm't	Toxoid	New Cars	Total by Bureaus
Administration	\$27,427.36
Vital Statistics	32,516.33
Local Health Administration	43,207.85
Barber Division	\$1,553.14	15,279.25
Toxoid Division	6,366.95
Food and Drugs	\$7,200.00	.....	\$5,213.50	492.63	42,029.46
Milk Plant Division	10,676.05
Shellfish Division	422.12	20,502.71
Ice Cream Division	2,413.33
Engineering	\$1,325.00	.....	.....	.....	.....	2,297.53	54,113.58
Chemistry	26,432.09
Bacteriology	47,354.70
Child Hygiene	99,954.90
Venernal Disease Control	25,467.98
Public Health Education	5,488.93
Total of Columns	\$1,325.00	\$6,333.61	\$7,200.00	\$398.79	\$5,213.50	\$4,765.42	\$459,951.47

Report of the Bureau of Local Health Administration

For the Year Ending June 30, 1936

WILLIAM H. MACDONALD, CHIEF

Continued reduction in the prevalence of typhoid fever and diphtheria, the operation of several projects of the Works Progress Administration sponsored by the Department and coming within the scope of the Bureau and the expansion of the Bureau's force late in the fiscal year with the promise of further expansion under the Social Security Act were outstanding features of the year.

Prevention and control of communicable diseases remain basic activities of all public health departments. Reports of 95,762 cases of the thirty-two communicable diseases listed in the State Sanitary Code were recorded in the Bureau through local health departments during the calendar year of 1935.

This year's record in typhoid fever reached a new low in the State both in cases and deaths. The number of reported cases (180) was nearly one-third below the lowest previously recorded and the number of deaths from this cause (22) is a record of which New Jersey may well be proud. Scattered cases occurred in all parts of the State; however, the proportion of cases to population was greater in the southern than in the northern section.

Diphtheria also reached a new low record in New Jersey. Toxoid as a preventive undoubtedly is the greatest single factor in this reduction. The number of reported cases of diphtheria (818) and the number of recorded deaths (48) does not represent as great a decrease in this disease as is possible if still more parents would secure for their children the protection afforded

by toxoid. This is particularly true of young children. Twenty-seven per cent. of the reported cases and over forty-five per cent. of the recorded deaths from diphtheria were in children less than five years old.

Measles and whooping cough were above the average in reported prevalence during 1935 and more deaths were caused by these two diseases than by diphtheria and scarlet fever.

The tuberculosis death rate reached a new low level. For the fourth consecutive year no case of smallpox was recorded in the State. On the other hand, poliomyelitis cases showed a considerable increase over the preceding year. Malaria appeared as a local epidemic for the first time in over a decade.

RABIES IN ANIMALS

Reports of 133 cases of rabies in animals were received during the year from forty-four local boards of health in fifteen counties. One hundred thirty of the cases were in dogs.

Number of Cases of Rabies in Animals Reported by Local Boards of Health, by Counties and by Months, During the Year 1935

County	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Atlantic	0	0	0	0	0	0	0	0	0	0	0	0	0
Bergen	0	0	0	0	2	1	1	1	0	0	0	0	6
Burlington	0	0	0	0	2	1	3	2	0	0	3	1	12
Camden	0	0	3	5	2	4	5	7	8	5	15	10	62
Cape May	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
Essex	0	0	0	0	0	0	0	0	0	0	0	0	0
Gloucester	2	0	1	0	1	0	1	5	0	2	1	1	14
Hudson	0	0	1	0	0	0	0	0	0	0	0	0	2
Hunterdon	2	0	0	0	0	0	0	0	0	0	0	0	2
Mercer	0	1	1	1	2	2	1	0	1	2	0	0	11
Middlesex	0	1	0	0	0	0	0	0	0	0	0	0	1
Monmouth	1	0	0	0	0	0	0	0	0	0	0	0	4
Morris	1	2	0	1	0	0	0	0	0	0	0	0	4
Ocean	0	0	0	0	0	1	0	0	0	0	0	0	1
Passaic	1	0	0	0	1	1	1	1	0	0	1	0	6
Salem	0	0	0	0	0	0	0	0	0	0	0	0	0
Somerset	0	0	0	0	0	1	0	0	0	0	0	0	2
Sussex	0	0	0	0	0	0	0	0	0	0	0	0	0
Union	1	0	1	1	1	2	1	0	0	0	0	0	7
Warren	0	0	0	1	0	0	0	0	1	0	0	0	2
State	8	4	7	10	11	13	14	16	8	9	20	13	133

While cases were relatively few in the early months of the year, reports of cases later increased, particularly in Camden County. The increase in this section of the State continued during the early months of 1936 until the infection became widespread in

Camden and Burlington Counties with several cases occurring in Gloucester County. Newspaper comments on the situation were released through the Department. Letters were forwarded to local boards of health in the affected area urging the adoption of practical measures designed to control and to reduce the dog population. Meetings of boards of health and other bodies were attended to discuss control measures. In most communities in the area definite steps were taken to reduce the number and to regulate dogs running at large. Anti-rabic vaccine was given a considerable number of dogs by veterinarians in private practice, however, no organized effort to vaccinate dogs throughout the whole affected area through public clinics was adopted.

One human death from rabies was reported in a child three years of age, who was bitten about the face on April 21, 1935. Symptoms of rabies appeared on May 10th. No anti-rabic treatment had been given.

INVESTIGATION OF OUTBREAKS

Knowledge of where and when cases of communicable diseases occur is the first essential step in any program of control and the investigation of cases to determine the probable place and source of infection is closely correlated.

Too much emphasis cannot be placed upon this work. It is, however, frequently neglected particularly in the smaller municipalities which do not have well organized health departments. Employees in the Bureau supplement the work of many local boards of health by making investigation of cases of various diseases, usually in co-operation with local officials. A total of 409 cases of communicable diseases were so investigated by Bureau representatives last year.

Sixty cases of typhoid fever were investigated in thirty-nine municipalities although no group of five or more cases was discovered. Several cases were traced to contact with persons later found to be typhoid carriers.

Several small local outbreaks of scarlet fever were investigated in which contact appeared to be the factor in transmission of infection.

Cases of poliomyelitis were investigated in the thirteen counties to which district health officers are assigned. In only a few instances, however, was any contact with a previously known case established.

UNDULANT FEVER

Recognized cases of undulant fever have continued to occur in about the same number annually for several years. During the calendar year 1935, thirty-four cases were reported.

Histories of these cases were obtained directly from the patients or through local boards of health.

The information gathered showed that 23 of these patients regularly used only raw milk; 6 used raw milk in addition to pasteurized milk; 4 are said to have used only pasteurized milk; and in one instance data as to the use of milk was not available.

MALARIA

Late in August, 1935, several cases of malaria were recognized in a section of Pennsauken Township, Camden County, and in the adjoining section of the City of Camden. This unusual situation was investigated promptly.

The cases were concentrated in a section of Pennsauken Township near the Delaware River known as Fish House. Obviously the infection was local. Up to December 31, 1935, 126 cases had been reported in the outbreak, practically all of which were in persons who lived in or had visited during evenings in the infected area. More cases were reported among females than among males. Six cases were in children less than five years old.

Warnings and suggestions to avoid being bitten by mosquitoes were distributed locally. Physicians were urged to be on the lookout for cases and a speaker on malaria was supplied at a meeting of the County Medical Society at which points of diagnosis, control and treatment were freely discussed. A house-to-house canvass was made of the area chiefly affected to discover cases of illness which might have been missed and unrecognized attacks of malaria.

Dr. T. J. Headlee, State Entomologist, co-operated by establishing in the section mosquito traps by which the presence of *Anopheles Quadrimaculatis* was demonstrated. Through Dr. Headlee's co-operation also a thorough survey was made of the area to locate probable breeding places for these mosquitoes. The results of this survey were charted and studied and formed the basis of a definite project put into operation during the summer of 1936 to eliminate these breeding places. Elimination of mosquitoes breeding in low areas was also actively carried on by the local board of health by means of oiling and filling.

SEPTIC SORE THROAT

Raw milk was found to be the vector causing over 175 cases of septic sore throat in the Borough of Fair Lawn, Bergen County, and vicinity. Seven deaths resulted.

Inasmuch as septic sore throat is not a reportable disease, cases in the outbreak had occurred three weeks before it was realized locally that sore throat was unusually prevalent. When the situation came to the attention of the Department, detailed investigation was at once started and in fact it was only after the six investigators of the Department detailed to the area had brought to light many more cases that the extent of the outbreak was realized.

A few cases which may have been secondary were discovered. Practically all the primary cases, however, were regular users of milk produced and distributed locally by one firm. Moreover, although this firm distributed both pasteurized and raw milk produced by the same herd, the cases were among users of the raw supply. A notice was at once served upon the dairyman temporarily prohibiting the further sale of milk from his premises unless it was pasteurized. Examinations and cultures for evidence of sore throat were made of dairy workers; veterinarians of the Department promptly made a physical examination of all cows in the producing herd. Subsequently the milk from each of the thirty-five cows was examined and cultured.

The investigation and cultures revealed that a cow with an abnormal udder had been milked up to the time she was butchered,

two days before the outbreak ended, that another cow was eliminating haemolytic streptococci of the human type in her milk, that milk from two other cows contained haemolytic streptococci and that two milkers had been ill with septic sore throat just prior to the beginning of the milk-borne outbreak.

Investigation was also made during the year of about forty-five cases of sore throat at a camp in the State. It appears contact from person to person was the chief factor in transmitting this infection.

GASTRO-ENTERITIS

About 40 cases of gastro-intestinal affliction were investigated in the City of Perth Amboy in co-operation with the local health officer. Practically all cases were among persons who had eaten food from one of the local delicatessen stores.

While the epidemiological evidence showed some food stuff from this establishment caused the outbreak, it was not definitely proved what article of food or drink was actually at fault. Cold meats, however, were the articles of food used in common by most of the patients.

POLIOMYELITIS

Toward the end of July, 1935, the number of reported cases of poliomyelitis so increased that it appeared likely the prevalence of the disease in the summer and fall months to follow would be relatively high. This proved to be true, and between August 1 and December 1st, 461 cases were reported.

The proportion of cases to population was much greater in the counties north of Mercer than in the counties south. This striking distribution of cases in this State has been experienced before and suggests strongly the spread of infection along routes of travel and through mass contact.

Some requests were received from physicians for convalescent serum to be used in treating cases. Through the co-operation of Mr. Joseph Buch, Secretary of the State Crippled Children's Commission, persons who had previously had poliomyelitis were invited to donate blood for serum. Blood was collected at the Bergen County Isolation Hospital through the courtesy of the Su-

perintendent, Dr. Joseph R. Morrow. The pooled serum was prepared at Squibb's Laboratories at New Brunswick without charge.

The prevalence of poliomyelitis in the State during the year stimulated interest in the preventive vaccines recently developed by Drs. Park and Brody, of New York City, and by Dr. Kolmer, of Philadelphia. Neither of these materials had been approved for license by the National Institute of Health at Washington for inter-state sale, therefore, the materials could not legally be sold in New Jersey. The makers of each of the vaccines, however, made it possible for physicians to use some of the materials in this State. In view of statements of the safety of the materials by the manufacturers, in view of the fact the vaccines were being tried in several States and further in view of the fact everyone was anxious to find some definite preventive of poliomyelitis, the State Department offered no objection to the distribution and use of either of these materials in this State.

On September 11th, however, a rumor reached the Department of a fatal case of poliomyelitis in New Jersey in a child who had received, prior to onset, the Kolmer vaccine. Further inquiry revealed two other cases had occurred in the State under similar conditions at about the same time. It was also learned that two cases had occurred earlier in the summer under like conditions. It was possible, of course, that the occurrence of these cases of poliomyelitis shortly after the use of the Kolmer vaccine might have been a coincidence and that the children might have been infected prior to receiving the material. On the other hand, the occurrence of these cases shortly after the treatment was suggestive that the injections might have had a direct bearing upon the cases. Accordingly, on September 12th a conference was held with the maker of this vaccine. Feeling that if the vaccine were used on children who had been previously unknowingly infected and who later developed poliomyelitis, it would create an unfavorable attitude toward the material, he volunteered to withdraw all his material still unused which had been distributed in this State.

Subsequently the question of the possible bad effect of this vaccine was raised in other States and therefore this Department has not since approved the distribution of any of this product in

the State. The Department has not taken action definitely for or against the distribution of the Park and Brody vaccine.

OTHER DISEASES

Two cases of tularemia were investigated during the year, one in Spring Lake Heights, Monmouth County, and one in Downe Township, Cumberland County. Each of these cases was evidently infected locally.

Several cases of trichinosis were investigated, which evidently resulted from eating pork not thoroughly cooked.

Cases of Rocky Mountain spotted fever also were investigated and were shown to have been infected in the southern section of the State.

A case of leprosy in a person who had resided some years in New Jersey was recognized when the patient was admitted to a hospital in Philadelphia for observation and treatment. He was detained temporarily at the Philadelphia Hospital for Contagious Diseases pending steps by U. S. Government authorities for his deportation.

COMMUNICABLE DISEASES ON DAIRIES

Twenty-three cases of scarlet fever, two cases of typhoid fever, two of diphtheria, four of tuberculosis and three cases of poliomyelitis were reported on thirty-one dairy premises in ten counties.

Arrangements were made at thirty of these premises whereby the sale of milk produced thereon was permitted by the Department to continue. At one premises the sale of milk was discontinued.

ASSISTANCE IN DIAGNOSIS

In response to special request, aid was given in establishing a diagnosis in sixty-six cases suspected of being communicable diseases. The diseases suspected included scarlet fever, poliomyelitis, measles, German measles, Rocky Mountain spotted fever, chicken-pox and others.

TYPHOID CARRIERS

Ten carriers were added to the list on file at the Bureau and two were removed from the list because of death. In a few instances during the year acute problems again arose in regard to the maintenance of persons so unfortunate as to be carriers and who found it extremely difficult to make a living because of restrictions placed upon them to protect the public from infection. Again there is pointed out the need of having available a small State fund which may be used with discretion to aid in providing food and, if necessary, medical treatment to needy carriers.

FREE BIOLOGICS

Distribution of diphtheria toxoid and smallpox vaccine free was continued under the same general rules followed the preceding year.

During 1935-36, however, contracts were so arranged by the State Purchasing Department that materials supplied free in counties beginning with Monmouth and extending south were purchased from the National Drug Company, while material from Squibb's Laboratories were distributed in the northern counties.

Sixty stations were operated as distributing centers, all on a voluntary basis. Since the launching of the special hour plan for immunization and vaccination late in the fiscal year 1933-34 the number of physicians who filed agreement forms setting forth special hours selected for immunizations has reached the total of 1,922. For the year ending June 30, 1936, the total number of children given free toxoid as reported by physicians was 26,287; the number of children reported vaccinated with the State material was 17,200.

NUMBER OF CHILDREN REPORTED BY PHYSICIANS AS GIVEN FREE STATE
TOXOID OR VACCINE DURING THE YEAR ENDING JUNE 30, 1936

County	Toxoid	Vaccine
Atlantic	310	197
Bergen	2,662	1,708
Burlington	1,040	536
Camden	892	413
Cape May	266	207
Cumberland	473	506
Essex	10,137	3,860
Gloucester	403	588
Hudson	158	7
Hunterdon	276	17
Mercer	239	95
Middlesex	636	709
Monmouth	422	1,397
Morris	791	1,091
Ocean	9	26
Passaic	3,291	2,563
Salem	169	130
Somerset	111	165
Sussex	101	199
Union	3,764	2,480
Warren	137	306
Total	26,287	17,200

Nine per cent. of the children reported as receiving the toxoid were less than one year old; 44 per cent. were less than five years old.

Reports of children vaccinated with the State materials show four per cent. to have been less than one year of age, while 38 per cent. were below five years.

Dissatisfaction with the special hour plan to replace all public group immunizations for young children has been expressed by some health officials and citizens. Dissatisfaction with the practical operation of the special hour plan has also been expressed by some physicians in private practice.

A committee of the New Jersey Health Officers' Association and representatives of the Public Health Committee of the State Medical Society and of this Department are giving consideration to possible modifications in the special hour plan and to possible changes which may be recommended in the rules governing the distribution of free biologics.

INSPECTION OF LUNCH ROOMS AND CAMPS

This work is markedly seasonal. It is impractical with the regular force of the Bureau and with the pressure of other lines of work both usual and in the nature of emergencies during the summer, to inspect these establishments completely. Experience during the preceding summer indicated that although board of health officials in some of the rural townships had an interest in this work only a relatively small number of such boards could be depended upon to take steps effective in bringing about reasonably satisfactory improvement in insanitary conditions found in such establishments. Accordingly, during the summer of 1934-35 in one section of the State notices were issued directly by the State Department to operators of road stands where marked violations of the Sanitary Act were found not to have been corrected on reinspection.

This proved more effective than the plan previously followed. However, to carry on this program throughout the rural sections of the entire State would require a considerably greater force than is now assigned to the Bureau.

Camp inspection should be carried on more intensively and widely.

For the first time in several years inspection was made in all the larger camps in the northern counties of the State. This was made possible by the temporary employment of a special inspector during the summer months. A considerable number of camps was found of which the State Health Department had no previous knowledge.

New camps are being established in the State each year. Although provisions of Chapter X of the State Sanitary Code effective since 1920 require camp operators to notify local boards of health of the opening of camps, this requirement has not been generally followed. This is not surprising inasmuch as local health officials in many of the small townships do not visit camps even when they have been notified of their operation.

More letters of inquiry are being received at the office of the State Department from parents about sanitary conditions at

camp. Consideration might well be given by the Department to request the enactment of legislation providing for the issuance of annual permits by the Department for the operation of any camp and giving authority to the Department to enact and enforce regulations pertaining to camp sanitation.

SPECIAL INVESTIGATIONS AND SURVEYS

Complaints of many insanitary conditions relating to private wells and sewage collection and disposal systems on private premises as well as complaints of a great variety of other conditions alleged to be nuisances are referred to this Bureau. Such complaints should be investigated by local boards of health and if nuisances detrimental to the public health exist these should be abated by such boards. Many complaints of this kind are referred directly to local health boards. In other instances, investigation of such complaints is made by employees in the Bureau usually in company with someone representing the local board of health of the community. In all, 430 such investigations were made by the Bureau last year.

A special survey was made of conditions caused by the improper disposal of sewage on premises throughout the village of Stirling in Passaic Township, Morris County. Serious violations of existing State Health regulations were found. These were brought to the attention of the local board of health and were discussed at public meetings in the township called to consider the installation of a public sewerage system.

A similar survey was made in Florence Township, Burlington County.

Reference was made in the report of the Bureau for the year 1934-35 to a survey of health activities in Morris County. The data collected in this survey was studied by Dr. Carl E. Buck of the American Public Health Association who recommended the creation of a Board of Health in Morris County to supplant local boards of health in each small municipality which did not choose to maintain an effective well-manned health department of its own.

Special committees were appointed by the New Jersey Health Officers' Association, the New Jersey Health and Sanitary

Association and the New Jersey Tuberculosis League which met jointly with employees of the State Health Department and representatives of the State Medical Society to consider the merits of such a plan. The joint committees prepared a tentative bill based on the principle that if the Board of Freeholders of any County except in a few of the larger counties, so resolved, the voters of the small municipalities of the County could determine whether a County Board of Health should be established in the County and further that the governing body and the voters of each larger municipality of the County could determine whether such a municipality should become part of County health administrative units.

This tentative proposal was brought to the attention of the New Jersey Health Officers' Association, the members of which voted disapproval. The Association expressed its opinion that the State District Health Officers' Plan should be expanded and extended.

PUBLIC HEALTH COURSES

The Bureau acted for the Department in arranging and conducting two summer courses in public health administration as part of the summer session of Rutgers University. Such courses have been held annually since 1926 and were attended in 1935 by 19 students. Twelve of these were engaged in public health work in New Jersey at the time.

Subjects taught included bacteriology, communicable disease control, vital statistics, health administration, food, drug and milk control, child hygiene, sanitary engineering, and insect control. The University supplied two teachers and two lecturers. This Bureau furnished two teachers and other Bureaus of the Department supplied one teacher and four lecturers.

Classes were held on Tuesdays and Thursdays for six weeks, a total of 144 hours of instruction being given to the two classes. Many of the 87 graduates of these courses have proved to be capable employees of local boards of health and especially valuable in conducting a sound health program in small communities.

OTHER WORK

Services rendered and work performed by the Bureau last year in addition to the activities mentioned, included the following:

Number of conferences with local health officials on questions pertaining to health work	2,634
Number of conferences with other public officials, physicians and citizens on matters relating to public health	2,062
Number of meetings of local board of health attended	40
Number of other meetings relating to health matters attended	183
Number of lectures given in summer courses for health officials	65
Number of other talks or lectures given or papers read	34
Number of municipalities in which assistance was rendered in giving or reading Schick or Dick tests	8
Number of specimens collected from humans, either by employees of the Bureau, or with their aid, to be examined for pathogenic bacteria	90
Number of other specimens and samples collected for laboratory examination	88

WORKS PROGRESS ADMINISTRATION PROJECT

Five projects sponsored by the Department and financed by the Federal Works Progress Administration were approved and operated through part of the year.

Two projects called for a clerk in the district health office at Hackensack and at Mays Landing. By aid so furnished, records in these offices were brought up to date, filing systems were revised and clerical services were available which greatly increased the effectiveness of these offices. One of the projects was discontinued shortly before the end of the fiscal year. Two clerks under another project were furnished for service in the office of the Barber Registration Division whereby the records and files underwent a badly needed clearing, rechecking and revising. This project was still in effect at the end of the year.

Pennsauken-Camden Malarial Mosquito Control Project was a much larger and far reaching proposal. Based upon surveys conducted under the direction of the State Entomologist during the outbreak of malaria in this area, a W. P. A. Project was designed to provide for ditching, grading and filling to reduce local mosquito breeding places.

The project was prepared in detail by Dr. T. J. Headlee, State Entomologist and his assistant, Thomas D. Mulhern, sponsored by the State Department of Health, approved by the U. S. Public Health Service and finally placed in operation under the direct supervision of Mr. Mulhern and Mr. Fred Metzger, health officer of Pennsauken Township.

The project as prepared, anticipated about 96,500 feet of ditching and stream cleaning and the utilization of 238 man-months for labor. The project was still in operation at the close of the year.

Community Sanitation is the term applied to a W. P. A. Project proposed by the U. S. Public Health Service and which had been in operation in several States before undertaken in New Jersey.

The project provides for the construction of a standardized type of privy on any premises, public or private, the material to be supplied by the owner, and all work of construction, painting, grading, etc., to be performed by W. P. A. labor.

The State Health Department sponsored such a project in New Jersey during the fall of 1935. The project was fairly promptly approved but funds were not made available by the W. P. A. until March 1, 1936. These allotted funds made it possible to start the project in nine counties south of Mercer. On June 29th, Mercer County was included in the project and definite prospects of further expansion were held out.

Work was organized under a State Director of the project, Mr. Hugh B. Martin, appointed and paid by the U. S. Public Health Service, assisted by two regional supervisors also paid by the U. S. Public Health Service. In each County the W. P. A. selected a County agent to supervise the W. P. A. labor assigned to the project.

The type of privy constructed was a wood-lined pit over which is placed a reinforced concrete slab extended slightly beyond the pit and in which is cast a seat riser. The riser is fitted with seat and cover. A building resting on the concrete slab completes the structure. Much of the concrete work was done in plants located at centers in each of the counties included in the project.

Six hundred privies were constructed from March 1st to June 30th. At the latter date the organization in the southern counties

was working reasonably smoothly. One hundred fifty men were employed building about three hundred privies per month at an average cost to the owner of \$24.16. On June 30th orders were on file for about 1,100 additional privies in these southern counties.

FEDERAL SOCIAL SECURITY ACT

This act adopted by Congress during the summer of 1935 contained provisions for the appropriation of Federal funds to be allotted to the various States for child and maternal welfare and for public health administration, money for the latter purposes to be allocated to the various State Health Departments by the Surgeon General of the U. S. Public Health Service.

Appropriations were not made available under the act, however, until in the spring of 1936.

Under date of October 16, 1935, an opinion was sought from the Attorney General regarding the use of this fund in New Jersey. The opinion given under date of October 29, 1935, held that enabling legislation would have to be enacted by the State Legislature before Federal funds under the conditions and for the purposes set forth in the Security Act could be accepted and spent in New Jersey.

Aid was again sought from the Department of Attorney General where such an enabling bill was drawn. The bill was introduced in the Assembly on March 2, 1936, and finally became a law by approval of the Governor on April 21st.

Budgets for expenditures from this fund were considered by a special committee of the Department and were approved by the Department. All budgets as approved by the Department were acceptable to the Surgeon General except a budget for the payment of physicians for administering toxoid to certain children. Funds were deposited with the State Treasurer to cover the budgets approved.

A large part of this amount was intended to pay salaries of new employees. The State Civil Service Commission was, therefore, requested to submit lists of candidates from which selections to fill these positions could be made.

Budgets submitted by the Bureau of Local Health Administration included proposals to expand and augment the present District Health Officer Plan, to increase the force at the central office of the Bureau, and to provide a limited amount of funds to be used in subsidizing a few local health units to comprise several small municipalities, the local boards of health of which would jointly employ the same health officer.

By June 30th, the Bureau force under the Security Act budgets had been increased by a senior sanitary inspector and two sanitary inspectors.

BARBER REGISTRATION DIVISION

This Division continued to function under the Bureau of Local Health Administration with no change of personnel except, by action of the Department, the position of Confidential Agent, was abolished as of June 1st.

The provisions of the Barber Registration Law require registered barbers annually to renew certificates issued by the Department. Many barbers failed to renew certificates during July, 1935. Such delinquents when found practicing barbering were given an opportunity to restore their certificates or to write or to appear at the office in Trenton to show why they should not be proceeded against for violating the Barber Act. Such notices were served on about 1,500 barbers.

By action of the Department violators who failed to comply after a hearing were referred to the Department which, in turn, referred the cases to the Department of Attorney General for legal action.

This policy was later changed to having field men in the Barber Division file complaints before proper local courts against violators of this law, after such violators had been given an opportunity to appear at the office in Trenton for a hearing, and further after the field men had been authorized by the Chief of the Bureau to file such complaints against the violators. Although this policy was adopted late in the year, 347 cases were actually taken into court of which 324 had been completed by June 30th.

Nine thousand two hundred and twenty-four certificates or permits of the different classes provided in the law were issued

during the year. The total amount collected in license fees and deposited to the order of the State Treasurer was \$35,190. The appropriation for the Barber Registration Division for the year was \$16,075 and of this amount \$12,125 was expended for salaries and \$3,088.47 for all other costs including the travel allotment for the four field men.

The Division, therefore, produced a surplus during the year of \$19,976.53. It should be pointed out, however, that under the present plan the cost of administering the work of the Division is charged to the Bureau of Local Health Administration.

Below is a brief summary of the work done by the field force of the Division for the year ending June 30, 1936.

Number of routine sanitary inspections of barber shops	7,737
Number special reinspections of barber shops	309
Number of other special inspections or investigations	2,115
Number barbers notified to appear for examination for certificates	2,736
Number above who were examined	541
Number above who passed test	445
Number hearing notices served upon delinquents	1,456
Number cases brought to court	347
Number court cases completed	324

REPORTED CASES OF CHICKENPOX IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	306	44	39	48	46	45	37	21	5	7	16	31	27
1 year	549	76	63	80	70	59	48	28	4	6	20	49	40
2 years	726	96	78	99	99	94	75	40	9	6	28	47	55
3 years	865	110	76	124	133	103	89	39	9	11	43	37	71
4 years	1013	131	118	128	148	145	81	29	7	12	48	67	89
Under 5 years	3510	457	374	479	496	443	340	157	34	42	155	251	282
5 to 9 years	9187	1086	1216	1444	1220	1136	718	174	14	58	446	802	873
10 to 14 years	1116	149	146	183	179	121	97	17	4	9	30	75	106
15 to 19 years	144	22	19	23	20	21	35	1	0	1	7	3	14
20 to 24 years	53	10	1	5	9	5	6	2	0	0	1	3	11
25 to 34 years	83	16	7	12	7	13	6	3	0	0	1	9	9
35 to 44 years	35	2	4	1	10	3	3	3	0	0	0	4	5
45 to 54 years	12	2	0	1	3	5	0	0	0	0	0	1	0
55 to 64 years	1	0	0	0	0	0	1	0	0	0	0	0	0
65 years and over	4	1	0	0	0	3	0	0	0	0	0	0	0
Age not stated	35	7	4	8	3	4	0	0	0	0	0	5	4
Total	14180	1752	1771	2156	1947	1734	1183	358	52	110	640	1153	1304

REPORTED CASES AND DEATHS FROM CHICKENPOX IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	196	0	170	0	366	0
1 year	290	0	250	0	540	0
2 years	353	1	373	0	726	1
3 years	453	0	412	0	865	0
4 years	504	0	509	1	1013	1
Under 5 years	1796	1	1714	1	3510	2
5 to 9 years	4653	1	4534	1	9187	2
10 to 14 years	525	0	593	0	1116	0
15 to 19 years	75	0	69	0	144	0
20 to 24 years	20	0	33	0	53	0
25 to 34 years	36	0	47	1	83	1
35 to 44 years	19	0	16	0	35	0
45 to 54 years	6	0	6	0	12	0
55 to 64 years	1	0	1	0	2	0
65 years and over	1	0	3	0	4	0
Age not stated	16	0	19	0	35	0
Total	7145	2	7085	3	14180	5

REPORTED CASES OF DIPHTHERIA IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	13	0	2	6	1	2	0	0	1	1	0	0	0
1 year	25	2	3	2	3	3	0	1	1	3	0	4	3
2 years	37	3	6	9	7	8	2	1	1	3	9	7	1
3 years	65	9	7	6	3	7	3	8	0	2	5	8	5
4 years	63	11	7	6	2	8	4	1	2	4	9	5	4
Under 5 years	223	25	25	29	18	28	9	11	5	13	23	24	13
5 to 9 years	359	38	29	29	35	42	23	16	6	15	40	30	34
10 to 14 years	111	17	5	8	12	12	13	2	4	9	6	12	10
15 to 19 years	35	1	1	5	5	2	3	3	1	3	3	3	5
20 to 24 years	34	4	2	4	2	3	2	3	1	1	2	4	6
25 to 34 years	47	7	1	5	6	8	4	3	3	1	2	5	2
35 to 44 years	21	1	1	4	4	4	1	0	2	0	1	1	2
45 to 54 years	8	0	1	2	1	1	2	0	0	0	0	0	0
55 to 64 years	1	0	0	1	0	0	0	0	0	0	0	0	0
65 years and over	0	0	0	0	0	0	0	0	0	0	0	0	0
Age not stated	8	1	0	2	2	0	0	0	0	1	2	0	0
Total	818	84	65	89	83	100	57	38	27	43	79	80	73

REPORTED CASES AND DEATHS FROM DIPHTHERIA IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	8	1	5	1	13	2
1 year	10	1	13	1	23	2
2 years	31	4	26	2	57	6
3 years	38	5	27	1	65	6
4 years	35	2	28	4	63	6
Under 5 years	122	13	101	9	223	22
5 to 9 years	161	8	169	7	330	15
10 to 14 years	50	1	61	1	111	2
15 to 19 years	13	0	22	0	35	0
20 to 24 years	10	0	24	1	34	1
25 to 34 years	17	0	30	3	47	3
35 to 44 years	9	1	12	0	21	1
45 to 54 years	2	1	6	2	8	3
55 to 64 years	0	0	1	0	1	0
65 years and over	0	0	0	1	0	1
Age not stated	4	0	4	0	8	0
Total	388	24	430	24	818	48

REPORTED CASES OF DYSENTERY IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	1	1	0	0	0	0	0	0	0	0	0	0	0
1 year	1	0	0	0	0	0	0	0	0	1	0	0	0
2 years	1	0	0	0	0	0	0	0	0	1	0	0	0
3 years	1	1	0	0	0	0	0	0	0	0	0	0	0
4 years	0	0	0	0	0	0	0	0	0	0	0	0	0
Under 5 years	4	2	0	0	0	0	0	0	0	2	0	0	0
5 to 9 years	7	2	0	0	1	0	0	0	3	0	1	0	0
10 to 14 years	4	0	0	0	0	0	0	2	1	0	0	0	1
15 to 19 years	2	0	1	0	1	0	0	0	0	0	0	0	0
20 to 24 years	2	0	0	0	1	0	0	0	1	0	0	0	0
25 to 34 years	9	2	1	0	2	1	0	2	0	0	0	0	1
35 to 44 years	5	0	0	0	0	0	0	1	4	0	0	0	0
45 to 54 years	1	0	0	0	0	0	0	2	0	0	0	0	0
55 to 64 years	2	0	0	0	0	0	0	0	0	0	0	0	0
65 years and over	3	0	0	0	0	0	0	2	1	0	0	0	0
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	39	6	2	0	5	1	0	4	14	4	1	0	2

REPORTED CASES AND DEATHS FROM DYSENTERY IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	1	0	0	1	1	1
1 year	0	0	1	0	1	0
2 years	1	0	0	0	1	0
3 years	0	0	1	0	1	0
4 years	0	0	0	0	0	0
Under 5 years	2	0	2	1	4	1
5 to 9 years	5	0	2	1	7	1
10 to 14 years	3	0	1	0	4	0
15 to 19 years	1	0	1	0	2	0
20 to 24 years	2	0	0	0	2	0
25 to 34 years	7	0	2	1	9	1
35 to 44 years	2	1	3	0	5	1
45 to 54 years	1	1	0	0	1	1
55 to 64 years	2	0	0	0	2	0
65 years and over	1	2	2	1	3	3
Age not stated	0	0	0	0	0	0
Total	26	4	13	4	39	8

REPORTED CASES OF EPIDEMIC CEREBROSPINAL MENINGITIS IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	5	1	2	0	1	0	0	1	0	0	0	0	0
1 year	3	0	1	1	0	0	1	0	0	0	0	0	0
2 years	7	0	0	1	0	0	3	1	0	1	0	0	1
3 years	4	0	0	1	1	0	1	1	0	0	0	0	0
4 years	7	1	2	0	0	1	2	0	0	0	1	0	0
Under 5 years	26	2	5	3	2	1	7	3	0	1	1	0	1
5 to 9 years	16	0	0	2	1	1	3	2	0	2	1	2	2
10 to 14 years	12	1	0	0	1	2	1	2	4	0	1	0	0
15 to 19 years	7	0	0	0	1	2	2	0	1	0	0	1	0
20 to 24 years	10	0	0	3	2	1	1	0	1	1	0	1	0
25 to 34 years	15	1	0	0	2	3	0	3	2	1	0	2	1
35 to 44 years	5	0	1	0	2	1	0	1	0	0	0	0	0
45 to 54 years	3	0	1	0	1	0	0	0	0	1	0	0	0
55 to 64 years	0	0	0	0	0	0	0	0	0	0	0	0	0
65 years and over	0	0	0	0	0	0	0	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	94	4	7	8	12	11	14	11	8	6	3	6	4

REPORTED CASES AND DEATHS FROM EPIDEMIC CEREBROSPINAL MENINGITIS IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	4	2	1	1	5	3
1 year	2	0	1	0	3	0
2 years	4	0	3	0	7	0
3 years	0	0	4	1	4	1
4 years	4	1	3	2	7	3
Under 5 years	14	5	12	4	26	9
5 to 9 years	10	0	6	1	16	1
10 to 14 years	6	0	6	1	12	1
15 to 19 years	6	3	1	0	7	3
20 to 24 years	6	2	2	0	10	2
25 to 34 years	12	8	3	1	15	9
35 to 44 years	3	3	2	1	5	4
45 to 54 years	2	2	1	1	3	3
55 to 64 years	0	0	0	0	0	0
65 years and over	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0
Total	61	23	33	9	94	32

REPORTED CASES OF GERMAN MEASLES IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	132	2	5	13	26	22	22	17	4	2	6	1	12
1 year	173	1	8	17	27	43	33	20	4	8	6	2	4
2 years	226	3	8	19	36	67	50	23	5	1	2	6	4
3 years	252	3	10	32	42	82	49	15	3	1	4	4	4
4 years	269	7	8	25	42	107	57	16	3	0	0	0	4
Under 5 years	1032	16	39	106	173	321	211	94	19	12	18	13	30
5 to 9 years	477	46	215	453	1012	1686	1186	84	12	8	16	10	17
10 to 14 years	3503	29	163	473	831	1110	730	32	3	3	5	6	10
15 to 19 years	1405	8	123	329	367	397	155	15	0	1	1	3	4
20 to 24 years	418	2	13	58	125	136	65	12	2	1	4	0	0
25 to 34 years	241	0	8	38	59	76	48	9	1	0	0	2	0
35 to 44 years	106	2	9	32	35	17	4	0	0	0	0	0	0
45 to 54 years	25	1	2	6	8	2	6	0	0	0	0	0	0
55 to 64 years	0	0	0	0	0	0	0	0	0	0	0	0	0
65 years and over	3	0	0	0	1	0	2	0	0	0	0	0	0
Age not stated	34	0	1	12	6	11	2	1	0	1	0	0	0
Total	11544	106	605	1489	2664	3774	2422	281	39	26	47	34	57

REPORTED CASES AND DEATHS FROM GERMAN MEASLES IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	78	0	54	0	132	0
1 year	85	0	65	0	152	0
2 years	109	0	117	0	226	0
3 years	107	0	145	0	252	0
4 years	141	0	128	0	269	0
Under 5 years	520	0	532	0	1052	0
5 to 9 years	0	0	2489	1	4757	1
10 to 14 years	0	0	1629	0	3503	0
15 to 19 years	742	0	663	0	1405	0
20 to 24 years	198	0	220	0	415	0
25 to 34 years	81	0	160	0	241	0
35 to 44 years	22	0	84	0	106	0
45 to 54 years	8	0	17	0	25	0
55 to 64 years	0	0	0	0	0	0
65 years and over	2	0	1	0	3	0
Age not stated	14	0	20	0	34	0
Total	5484	0	6060	1	11544	1

REPORTED CASES OF INFLUENZA IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Mouths

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	26	10	3	6	0	2	0	1	0	0	1	2	1
1 year	24	11	3	3	1	3	0	0	0	0	1	0	3
2 years	26	14	3	4	1	0	0	0	0	0	1	0	3
3 years	29	17	2	3	2	1	0	0	0	0	1	1	2
4 years	28	14	4	1	1	3	0	0	0	0	0	1	4
Under 5 years	133	66	15	17	5	9	1	1	0	0	3	6	10
5 to 9 years	105	47	15	14	10	1	0	0	1	2	2	8	5
10 to 14 years	85	48	10	8	5	4	1	0	3	2	1	1	2
15 to 19 years	80	52	4	6	4	4	1	1	1	1	2	3	1
20 to 24 years	95	68	2	4	4	5	0	0	2	2	3	1	4
25 to 34 years	210	130	13	21	9	9	4	0	2	4	4	7	7
35 to 44 years	196	132	12	8	13	7	3	1	3	2	2	4	9
45 to 54 years	123	82	17	6	3	2	1	0	3	1	0	3	5
55 to 64 years	74	59	5	3	3	1	3	1	2	1	0	1	4
65 years and over	39	35	9	2	2	0	0	1	0	3	1	1	5
Age not stated	1	0	0	1	0	0	0	0	0	0	0	0	0
Total	1161	710	102	90	58	42	14	5	17	18	18	35	52

REPORTED CASES AND DEATHS FROM INFLUENZA IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	18	22	8	7	26	29
1 year	14	7	10	4	24	11
2 years	19	2	7	3	26	6
3 years	19	2	10	3	29	5
4 years	23	3	5	2	28	5
Under 5 years	93	37	40	19	133	56
5 to 9 years	54	4	51	3	105	9
10 to 14 years	41	3	44	5	85	8
15 to 19 years	40	2	40	3	80	5
20 to 24 years	44	3	51	6	95	14
25 to 34 years	86	17	124	12	210	29
35 to 44 years	92	19	104	18	196	37
45 to 54 years	58	35	65	20	123	55
55 to 64 years	33	31	41	32	74	63
65 years and over	29	47	30	70	59	117
Age not stated	0	0	1	0	1	0
Total	570	203	591	190	1161	393

REPORTED CASES OF LETHARGIC ENCEPHALITIS IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	1	0	0	1	0	0	0	0	0	0	0	0	0
1 year	1	0	0	0	0	0	1	0	0	0	0	0	0
2 years	1	0	0	0	0	0	0	0	0	0	0	1	0
3 years	2	0	0	0	0	0	0	0	0	0	0	1	0
4 years	1	0	0	0	0	0	1	0	0	0	0	0	0
Under 5 years	6	0	0	1	0	0	2	0	0	0	1	2	0
5 to 9 years	8	0	1	1	0	1	0	0	0	0	2	1	1
10 to 14 years	2	0	0	0	0	1	0	0	0	0	0	0	1
15 to 19 years	1	0	1	0	0	0	0	0	0	0	0	0	0
20 to 24 years	3	0	0	2	0	0	0	0	1	0	1	0	1
25 to 34 years	4	1	1	1	0	0	0	0	0	0	0	0	1
35 to 44 years	7	0	3	0	0	0	1	0	0	2	1	0	0
45 to 54 years	10	1	3	0	2	1	1	1	0	0	0	0	1
55 to 64 years	1	0	0	0	0	0	0	0	0	0	0	1	0
65 years and over	3	0	0	0	0	1	0	0	0	0	1	0	0
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	47	2	9	3	4	4	4	2	1	4	5	4	5

REPORTED CASES AND DEATHS FROM LETHARGIC ENCEPHALITIS IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	1	0	0	1	1	1
1 year	1	1	0	0	1	1
2 years	0	0	1	0	1	0
3 years	0	0	2	1	2	1
4 years	0	0	1	0	1	0
Under 5 years	2	1	4	2	6	3
5 to 9 years	5	1	3	0	8	1
10 to 14 years	1	2	1	0	2	2
15 to 19 years	0	0	0	0	0	0
20 to 24 years	2	0	3	0	5	1
25 to 34 years	1	1	3	2	4	3
35 to 44 years	3	4	3	4	7	4
45 to 54 years	3	7	5	3	10	8
55 to 64 years	1	2	0	1	1	3
65 years and over	1	0	2	1	3	1
Age not stated	0	0	0	0	0	0
Total	25	13	22	13	47	26

REPORTED CASES OF MEASLES IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	572	9	29	75	99	151	122	43	15	2	10	8	9
1 year	1382	12	66	191	287	383	278	116	15	5	6	14	9
2 years	1872	11	64	241	404	542	445	130	14	6	2	6	7
3 years	2321	27	103	285	516	680	496	176	16	3	5	9	9
4 years	2650	25	145	374	585	778	563	182	16	3	2	5	5
Under 5 years	8797	84	407	1166	1891	2531	1904	617	76	19	25	38	39
5 to 9 years	29928	293	402	3349	4507	5725	3844	1751	45	14	29	23	46
10 to 14 years	3418	72	239	640	755	889	665	106	9	6	4	6	3
15 to 19 years	362	14	50	146	152	183	97	18	2	1	2	1	1
20 to 24 years	242	5	7	48	62	58	53	8	1	0	0	0	0
25 to 34 years	209	1	7	23	45	81	37	12	0	0	1	1	1
35 to 44 years	89	1	2	9	15	19	11	0	0	2	0	0	0
45 to 54 years	20	0	1	4	11	6	0	0	0	0	0	0	0
55 to 64 years	4	0	0	0	1	3	0	0	0	1	0	0	0
65 years and over	3	0	0	0	1	0	0	0	0	1	0	0	1
Age not stated	86	0	10	19	15	22	13	4	0	2	0	0	1
Total	33516	470	1124	6401	7448	9507	6648	2518	134	44	61	69	92

REPORTED CASES AND DEATHS FROM MEASLES IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	285	3	287	4	572	7
1 year	707	10	675	7	1382	17
2 years	968	2	904	6	1872	8
3 years	1159	2	1162	2	2321	4
4 years	1308	0	1282	4	2590	4
Under 5 years	4487	17	4310	23	8797	40
5 to 9 years	10156	6	9872	6	20028	12
10 to 14 years	1613	0	1803	1	3416	1
15 to 19 years	298	0	354	2	652	2
20 to 24 years	91	0	151	0	242	0
25 to 29 years	77	0	132	0	209	0
30 to 34 years	26	0	33	0	59	0
35 to 39 years	10	0	10	0	20	0
40 to 44 years	2	0	2	0	4	0
45 to 49 years	0	0	3	0	3	0
50 to 54 years	0	0	3	0	3	0
55 to 59 years	0	0	3	0	3	0
60 to 64 years	0	0	3	0	3	0
65 years and over	0	0	3	0	3	0
Age not stated	49	0	0	0	49	0
Total	16809	23	16707	32	33516	55

REPORTED CASES OF MUMPS IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	25	0	5	4	4	4	2	1	0	0	2	0	3
1 year	33	6	6	4	7	10	5	2	2	1	2	3	5
2 years	120	14	10	11	23	15	12	6	10	3	4	4	8
3 years	211	21	15	12	39	34	25	10	9	6	3	13	21
4 years	263	14	17	22	47	44	31	21	9	5	11	23	21
Under 5 years	674	65	53	53	120	107	75	40	80	15	25	43	58
5 to 9 years	3408	185	222	450	566	560	403	120	50	41	113	302	396
10 to 14 years	1106	94	94	155	158	163	109	48	26	22	40	61	130
15 to 19 years	235	24	15	30	38	32	15	12	13	6	7	12	31
20 to 24 years	92	10	6	11	15	11	13	5	3	4	0	6	8
25 to 29 years	151	13	17	21	22	28	13	8	6	4	1	6	12
30 to 34 years	82	10	8	4	10	8	5	7	5	8	3	3	16
35 to 39 years	19	4	3	4	1	3	1	0	0	0	0	0	0
40 to 44 years	6	0	0	2	0	1	0	1	0	0	0	0	0
45 to 49 years	1	0	1	0	0	0	0	0	0	0	0	0	0
50 to 54 years	1	0	1	0	0	0	0	0	0	0	0	0	0
55 to 59 years	1	0	1	0	0	0	0	0	0	0	0	0	0
60 to 64 years	1	0	1	0	0	0	0	0	0	0	0	0	0
65 years and over	1	0	1	0	0	0	0	0	0	0	0	0	0
Age not stated	19	2	7	6	1	0	1	0	0	0	0	2	0
Total	5793	397	426	737	931	918	637	242	133	97	189	435	651

REPORTED CASES AND DEATHS FROM MUMPS IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	15	0	10	1	25	1
1 year	27	0	26	0	53	0
2 years	62	0	58	0	120	0
3 years	117	0	94	0	211	0
4 years	132	1	133	0	265	1
Under 5 years	353	1	321	1	674	2
5 to 9 years	1791	0	1617	0	3408	0
10 to 14 years	553	1	553	0	1106	1
15 to 19 years	119	0	116	0	235	0
20 to 24 years	37	0	55	0	92	0
25 to 29 years	59	0	82	0	141	0
30 to 34 years	42	0	40	0	82	0
35 to 39 years	6	0	13	0	19	0
40 to 44 years	6	0	2	0	8	0
45 to 49 years	4	0	2	0	6	0
50 to 54 years	0	0	1	0	1	0
55 to 59 years	0	0	1	0	1	0
60 to 64 years	0	0	1	0	1	0
65 years and over	0	0	1	0	1	0
Age not stated	10	0	9	0	19	0
Total	2974	2	2519	3	5493	5

REPORTED CASES OF PARA-TYPHOID FEVER IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
1 year	1	0	1	0	0	0	0	0	0	0	0	0	0
2 years	0	0	0	0	0	0	0	0	0	0	0	0	0
3 years	1	0	1	0	0	0	0	0	0	0	0	0	0
4 years	0	0	0	0	0	0	0	0	0	0	0	0	0
Under 5 years	2	0	2	0	0	0	0	0	0	0	0	0	0
5 to 9 years	0	0	0	0	0	0	0	0	0	0	0	0	0
10 to 14 years	1	0	0	0	0	0	0	0	0	1	0	0	0
15 to 19 years	2	0	0	0	0	0	0	0	0	0	2	0	0
20 to 24 years	1	0	0	0	0	1	0	0	0	0	0	0	0
25 to 29 years	1	0	0	0	0	0	0	0	0	0	1	0	0
30 to 34 years	0	0	0	0	0	0	0	0	0	0	0	0	0
35 to 39 years	2	0	0	0	1	0	1	0	0	0	0	0	0
40 to 44 years	1	0	0	0	0	0	0	0	0	0	0	1	0
45 to 49 years	0	0	0	0	0	0	0	0	0	0	0	0	0
50 to 54 years	0	0	0	0	0	0	0	0	0	0	0	0	0
55 to 59 years	0	0	0	0	0	0	0	0	0	0	0	0	0
60 to 64 years	0	0	0	0	0	0	0	0	0	0	0	0	0
65 years and over	0	0	0	0	0	0	0	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	10	0	2	0	1	1	1	0	1	3	0	1	0

REPORTED CASES AND DEATHS FROM PARA-TYPHOID FEVER IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	0	0	0	0	0	0
1 year	1	1	0	0	1	1
2 years	0	0	0	0	0	0
3 years	1	1	0	0	1	1
4 years	0	0	0	0	0	0
Under 5 years	2	2	0	1	2	3
5 to 9 years	0	0	0	0	0	0
10 to 14 years	0	0	1	0	1	0
15 to 19 years	1	0	1	0	2	0
20 to 24 years	0	0	1	0	1	0
25 to 29 years	1	0	0	0	1	0
30 to 34 years	0	0	0	0	0	0
35 to 39 years	0	0	1	0	1	0
40 to 44 years	1	0	1	0	2	0
45 to 49 years	0	0	1	0	1	0
50 to 54 years	0	0	1	1	1	1
55 to 59 years	0	0	0	0	0	0
60 to 64 years	0	0	0	0	0	0
65 years and over	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0
Total	5	2	5	2	10	4

REPORTED CASES OF PNEUMONIA IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	450	48	81	60	89	39	27	14	10	12	29	25	36
1 year	338	48	44	57	31	38	28	10	9	7	11	23	32
2 years	281	34	38	53	33	25	20	12	5	6	12	17	26
3 years	208	20	31	35	26	21	11	9	4	5	12	15	19
4 years	155	13	26	21	16	20	10	4	2	2	13	13	15
Under 5 years	1432	163	220	256	145	143	96	49	30	32	77	83	128
5 to 9 years	532	69	69	73	69	77	45	20	6	11	32	36	75
10 to 14 years	206	31	24	25	32	14	12	9	4	7	9	8	31
15 to 19 years	127	17	13	13	23	9	4	3	3	6	11	8	17
20 to 24 years	121	21	14	14	13	7	2	6	5	7	7	7	13
25 to 29 years	346	67	42	34	48	33	18	6	5	7	19	21	46
30 to 34 years	476	91	56	56	52	46	29	14	11	15	31	18	57
35 to 39 years	439	73	43	63	39	36	17	9	17	13	28	34	60
40 to 44 years	410	67	48	61	51	38	17	15	10	15	23	19	45
45 to 49 years	666	142	73	67	72	56	22	13	10	21	39	36	105
50 to 54 years	10	3	1	1	0	1	1	0	0	1	1	1	1
55 to 59 years	10	3	1	1	0	1	1	0	0	1	1	1	1
60 to 64 years	10	3	1	1	0	1	1	0	0	1	1	1	1
65 years and over	10	3	1	1	0	1	1	0	0	1	1	1	1
Age not stated	10	3	1	1	0	1	1	0	0	1	1	1	1
Total	4815	744	607	663	545	466	278	140	102	134	277	281	578

REPORTED CASES AND DEATHS FROM PNEUMONIA IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	235	239	215	196	450	435
1 year	194	53	154	46	338	104
2 years	152	27	139	20	281	47
3 years	87	9	111	7	206	16
4 years	83	9	72	8	155	17
Under 5 years	751	342	631	277	1482	619
5 to 9 years	336	33	246	35	582	68
10 to 14 years	118	12	85	25	208	37
15 to 19 years	79	20	48	13	127	35
20 to 24 years	64	18	57	22	121	40
25 to 34 years	204	84	142	62	346	146
35 to 44 years	278	178	198	82	476	260
45 to 54 years	294	136	175	122	469	308
55 to 64 years	241	212	169	165	410	380
65 years and over	305	376	358	487	668	813
Age not stated	4	0	6	0	10	0
Total	2847	1461	2168	1251	4815	2712

REPORTED CASES OF ANTERIOR POLIOMYELITIS IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	14	0	0	0	0	0	0	1	2	3	7	1	1
1 year	38	1	0	0	1	1	10	13	9	1	0	1	1
2 years	48	0	0	1	0	0	3	6	19	9	7	3	2
3 years	44	0	0	0	1	0	1	10	19	10	1	2	0
4 years	36	0	0	1	1	0	4	7	19	3	1	0	0
Under 5 years	190	1	0	2	2	1	1	10	35	73	38	11	6
5 to 9 years	190	0	1	1	1	0	1	2	49	89	32	12	2
10 to 14 years	90	0	0	2	2	2	4	20	37	17	3	3	3
15 to 19 years	24	0	0	0	0	0	1	0	4	13	3	1	2
20 to 24 years	9	0	0	0	0	0	1	1	4	8	0	0	0
25 to 34 years	15	1	0	0	0	0	1	4	8	0	0	0	0
35 to 44 years	3	0	0	0	0	0	0	0	1	1	1	0	0
45 to 54 years	0	0	0	0	0	0	0	0	0	0	0	0	0
55 to 64 years	0	0	0	0	0	0	0	0	0	0	0	0	0
65 years and over	0	0	0	0	0	0	0	0	0	0	0	0	0
Age not stated	1	0	0	0	0	0	0	0	1	0	0	0	0
Total	512	2	1	3	5	3	5	17	110	224	97	80	15

REPORTED CASES AND DEATHS FROM ANTERIOR POLIOMYELITIS IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	4	1	10	0	14	1
1 year	11	2	27	4	38	6
2 years	30	0	18	0	48	0
3 years	23	2	16	1	44	3
4 years	20	2	18	0	36	2
Under 5 years	93	7	87	5	180	12
5 to 9 years	115	9	75	2	190	11
10 to 14 years	56	4	34	1	90	5
15 to 19 years	18	2	6	0	24	2
20 to 24 years	6	1	3	0	9	1
25 to 34 years	6	0	9	1	15	2
35 to 44 years	3	2	0	0	3	2
45 to 54 years	0	0	0	0	0	0
55 to 64 years	0	0	0	0	0	0
65 years and over	0	1	0	0	0	1
Age not stated	0	0	1	0	1	0
Total	297	26	215	9	512	35

REPORTED CASES OF SCARLET FEVER IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	Total	NUMBER OF CASES											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	28	4	5	3	2	5	1	0	0	1	2	1	2
1 year	88	6	14	9	13	6	6	5	1	2	7	7	7
2 years	210	22	25	27	36	25	17	9	1	1	12	9	26
3 years	319	26	36	52	48	32	22	11	5	11	16	22	33
4 years	399	43	48	51	56	52	25	13	3	7	20	31	55
Under 5 years	1039	101	122	144	156	117	75	39	10	21	56	71	127
5 to 9 years	2609	233	271	350	354	365	223	67	25	61	163	208	280
10 to 14 years	1087	114	115	158	148	182	96	28	16	29	48	54	89
15 to 19 years	293	25	33	44	60	51	24	5	5	4	8	12	22
20 to 24 years	151	15	21	26	27	16	9	3	4	4	7	7	12
25 to 34 years	193	21	14	34	36	26	11	8	2	3	8	12	18
35 to 44 years	92	14	13	14	19	13	6	2	1	1	1	2	6
45 to 54 years	12	1	0	4	0	1	2	0	0	0	0	0	3
55 to 64 years	5	0	1	0	2	1	0	0	0	0	1	0	0
65 years and over	0	0	0	0	0	0	0	0	0	0	0	0	0
Age not stated	22	3	1	5	3	4	0	0	0	0	1	0	5
Total	5503	527	591	779	805	776	446	152	63	123	293	367	581

REPORTED CASES AND DEATHS FROM SCARLET FEVER IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	11	0	17	2	28	2
1 year	40	0	43	2	83	2
2 years	101	0	109	2	210	2
3 years	170	0	149	0	319	0
4 years	189	1	210	2	399	3
Under 5 years	511	1	528	8	1039	9
5 to 9 years	1304	5	1305	5	2609	10
10 to 14 years	535	1	552	1	1087	2
15 to 19 years	141	0	152	1	293	1
20 to 24 years	43	0	108	0	151	0
25 to 34 years	83	1	110	0	193	1
35 to 44 years	41	1	51	1	92	2
45 to 54 years	2	0	10	0	12	0
55 to 64 years	3	0	2	0	5	0
65 years and over	0	0	0	0	0	0
Age not stated	12	0	10	0	22	0
Total	2675	9	2828	16	5503	25

REPORTED CASES OF TETANUS IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	Total	NUMBER OF CASES											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
2 years	0	0	0	0	0	0	0	0	0	0	0	0	0
3 years	0	0	0	0	0	0	0	0	0	0	0	0	0
4 years	0	0	0	0	0	0	0	0	0	0	0	0	0
Under 5 years	0	0	0	0	0	0	0	0	0	0	0	0	0
5 to 9 years	1	0	0	0	0	0	1	0	0	0	0	0	0
10 to 14 years	3	0	0	1	0	2	0	0	0	0	0	0	0
15 to 19 years	0	0	0	0	0	0	0	0	0	0	0	0	0
20 to 24 years	2	0	0	0	0	0	0	0	0	0	0	0	1
25 to 34 years	2	0	0	0	1	0	0	0	1	0	0	0	0
35 to 44 years	3	0	0	1	1	0	0	0	0	1	0	0	0
45 to 54 years	1	0	0	0	0	0	1	0	0	0	0	0	0
55 to 64 years	2	0	0	0	0	0	0	0	0	0	0	0	1
65 years and over	0	0	0	0	0	0	0	0	0	0	0	0	0
Age not stated	1	0	0	0	0	0	0	0	0	1	0	0	0
Total	15	0	0	2	2	2	2	2	1	1	2	1	0

REPORTED CASES AND DEATHS FROM TETANUS IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	0	0	0	0	0	0
1 year	0	0	0	0	0	0
2 years	0	1	0	0	0	1
3 years	0	0	0	0	0	0
4 years	0	0	0	0	0	0
Under 5 years	0	1	0	0	0	1
5 to 9 years	0	1	1	0	1	1
10 to 14 years	3	2	0	0	3	2
15 to 19 years	0	1	0	0	0	1
20 to 24 years	2	0	0	0	2	0
25 to 34 years	2	1	0	1	2	2
35 to 44 years	3	2	0	0	3	2
45 to 54 years	1	3	0	0	1	3
55 to 64 years	2	1	0	0	2	1
65 years and over	0	1	0	0	0	1
Age not stated	1	0	0	0	1	0
Total	14	13	1	1	15	14

REPORTED CASES OF TRACHOMA IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
2 years	0	0	0	0	0	0	0	0	0	0	0	0	0
3 years	0	0	0	0	0	0	0	0	0	0	0	0	0
4 years	1	0	0	0	0	0	0	0	0	0	0	0	1
Under 5 years	1	0	0	0	0	0	0	0	0	0	0	0	1
5 to 9 years	1	0	0	0	0	0	0	0	0	0	0	0	1
10 to 14 years	4	0	0	0	2	0	0	0	1	0	0	1	0
15 to 19 years	1	0	0	0	0	0	0	1	0	0	0	0	0
20 to 24 years	2	0	0	0	0	0	0	1	1	0	0	0	0
25 to 34 years	5	0	0	1	0	1	0	0	1	0	1	0	0
35 to 44 years	0	0	0	0	0	0	0	0	0	0	0	0	0
45 to 54 years	1	0	0	0	0	0	0	0	1	0	0	0	0
55 to 64 years	0	0	0	0	0	0	0	0	0	0	0	0	0
65 years and over	0	0	0	0	0	0	0	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	15	1	0	0	3	0	1	1	1	2	2	2	2

REPORTED CASES AND DEATHS FROM TRACHOMA IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	0	0	0	0	0	0
1 year	0	0	0	0	0	0
2 years	0	0	0	0	0	0
3 years	0	0	0	0	0	0
4 years	1	0	0	0	1	0
Under 5 years	1	0	0	0	1	0
5 to 9 years	0	0	1	0	1	0
10 to 14 years	3	0	1	0	4	0
15 to 19 years	1	0	0	0	1	0
20 to 24 years	2	0	0	0	2	0
25 to 34 years	5	0	0	0	5	0
35 to 44 years	0	0	0	0	0	0
45 to 54 years	0	0	1	0	1	0
55 to 64 years	0	0	0	0	0	0
65 years and over	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0
Total	12	0	3	0	15	0

REPORTED CASES OF TRICHINOSIS IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
2 years	0	0	0	0	0	0	0	0	0	0	0	0	0
3 years	0	0	0	0	0	0	0	0	0	0	0	0	0
4 years	0	0	0	0	0	0	0	0	0	0	0	0	0
Under 5 years	0	0	0	0	0	0	0	0	0	0	0	0	0
5 to 9 years	1	0	0	1	0	0	0	0	0	0	0	0	0
10 to 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0
15 to 19 years	0	0	0	0	0	0	0	0	0	0	0	0	0
20 to 24 years	4	2	0	0	0	0	0	0	0	0	1	1	0
25 to 34 years	3	0	0	1	1	0	0	0	0	0	0	1	0
35 to 44 years	2	0	0	0	1	0	0	0	0	0	1	0	0
45 to 54 years	0	0	0	0	0	0	0	0	0	0	0	0	0
55 to 64 years	2	0	0	1	0	0	0	0	0	0	0	0	0
65 years and over	0	0	0	0	0	0	0	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	12	2	0	3	2	0	0	0	0	0	2	3	1

REPORTED CASES AND DEATHS FROM TRICHINOSIS IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	0	0	0	0	0	0
1 year	0	0	0	0	0	0
2 years	0	0	0	0	0	0
3 years	0	0	0	0	0	0
4 years	0	0	0	0	0	0
Under 5 years	0	0	0	0	0	0
5 to 9 years	1	0	0	0	1	0
10 to 14 years	0	0	0	0	0	0
15 to 19 years	0	0	0	0	0	0
20 to 24 years	4	2	0	0	4	2
25 to 34 years	3	0	3	1	6	1
35 to 44 years	2	0	1	0	3	0
45 to 54 years	0	0	0	0	0	0
55 to 64 years	2	0	2	1	4	1
65 years and over	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0
Total	8	0	9	2	17	2

REPORTED CASES OF TUBERCULOSIS IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	15	1	1	2	2	4	0	2	0	1	2	0	0
1 year	14	0	3	0	1	4	1	0	3	1	0	0	1
2 years	17	2	2	1	1	0	2	3	2	0	2	1	1
3 years	13	0	1	1	0	1	1	2	0	0	3	1	1
4 years	17	2	1	2	1	2	2	1	1	1	1	2	1
Under 5 years	76	5	8	6	5	11	6	8	6	2	7	8	4
5 to 9 years	133	12	18	6	13	10	15	13	9	9	9	13	6
10 to 14 years	176	21	8	18	17	18	20	19	12	12	10	16	10
15 to 19 years	345	33	28	32	31	26	15	37	37	27	27	21	31
20 to 24 years	617	63	48	58	63	54	46	50	46	49	43	51	60
25 to 34 years	1049	77	87	114	102	99	73	91	90	75	80	90	60
35 to 44 years	780	83	60	71	73	63	78	66	70	48	54	60	52
45 to 54 years	677	44	41	61	73	55	38	48	49	41	47	38	44
55 to 64 years	385	28	24	39	38	34	39	38	34	23	14	29	26
65 years and over	173	12	12	20	20	20	18	14	17	18	9	16	7
Age not stated	15	1	0	3	3	2	5	0	0	0	1	0	0
Total	4296	379	333	416	439	396	344	378	377	292	323	325	294

REPORTED CASES AND DEATHS FROM TUBERCULOSIS IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	7	10	8	6	15	16
1 year	9	8	5	6	14	14
2 years	9	4	8	1	17	12
3 years	7	0	6	3	13	3
4 years	8	4	9	6	17	10
Under 5 years	40	26	36	29	76	55
5 to 9 years	60	10	73	9	133	19
10 to 14 years	75	9	101	19	176	28
15 to 19 years	143	39	202	53	345	92
20 to 24 years	258	96	359	143	617	244
25 to 34 years	503	198	548	241	1049	439
35 to 44 years	494	278	286	180	780	458
45 to 54 years	420	249	187	91	607	340
55 to 64 years	262	217	93	81	355	298
65 years and over	122	105	51	65	173	170
Age not stated	7	0	8	0	15	0
Total	2384	1227	1912	916	4296	2143

REPORTED CASES OF TYPHOID FEVER IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
1 year	2	0	0	0	0	1	0	0	0	1	0	0	0
2 years	0	0	0	0	0	0	0	0	0	0	0	0	0
3 years	2	0	0	0	0	1	0	0	1	0	0	0	0
4 years	3	0	0	0	0	1	0	1	1	1	0	0	0
Under 5 years	7	0	0	0	0	3	0	2	1	1	0	0	0
5 to 9 years	17	3	0	0	2	1	1	4	3	1	0	0	2
10 to 14 years	31	4	0	3	1	0	2	0	6	5	5	0	0
15 to 19 years	31	2	8	2	1	3	2	1	4	4	4	0	0
20 to 24 years	22	0	1	1	0	2	1	6	3	1	5	2	0
25 to 34 years	32	1	0	1	0	1	1	3	7	9	2	6	1
35 to 44 years	19	1	0	1	1	2	2	0	3	5	1	2	1
45 to 54 years	13	0	0	2	1	1	1	2	1	2	0	2	1
55 to 64 years	6	0	0	0	0	0	0	1	3	0	1	0	0
65 years and over	2	0	0	0	0	0	0	0	1	1	0	0	0
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	180	11	8	10	6	10	14	8	89	86	15	20	9

REPORTED CASES AND DEATHS FROM TYPHOID FEVER IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	0	0	0	0	0	0
1 year	1	0	0	0	1	0
2 years	0	0	0	0	0	0
3 years	0	0	2	0	2	0
4 years	0	0	3	0	3	0
Under 5 years	1	0	6	0	7	0
5 to 9 years	7	0	10	3	17	3
10 to 14 years	23	2	8	0	31	2
15 to 19 years	19	2	12	0	31	2
20 to 24 years	14	1	8	0	22	1
25 to 34 years	19	2	13	1	32	3
35 to 44 years	11	4	8	1	19	5
45 to 54 years	11	4	2	0	13	4
55 to 64 years	4	2	2	0	6	2
65 years and over	1	0	1	0	2	0
Age not stated	0	0	0	0	0	0
Total	110	17	70	5	180	22

REPORTED CASES OF UNDULANT FEVER IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
2 years	1	0	0	0	0	0	0	0	0	0	0	1	0
3 years	0	0	0	0	0	0	0	0	0	0	0	0	0
4 years	0	0	0	0	0	0	0	0	0	0	0	0	0
Under 5 years	1	0	0	0	0	0	0	0	0	0	0	1	0
5 to 9 years	1	0	0	0	0	0	0	0	0	1	0	0	0
10 to 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0
15 to 19 years	2	0	0	0	0	0	1	1	0	0	0	0	0
20 to 24 years	7	0	0	2	0	1	0	3	0	0	1	0	0
25 to 34 years	5	1	0	0	1	0	0	0	0	2	1	0	0
35 to 44 years	8	0	0	0	0	1	1	0	0	2	1	0	0
45 to 54 years	5	0	0	0	1	0	1	0	2	1	0	0	0
55 to 64 years	4	1	0	0	0	1	0	0	1	0	1	0	0
65 years and over	1	0	1	0	0	0	0	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	34	2	1	2	2	8	1	6	1	7	3	4	2

REPORTED CASES AND DEATHS FROM UNDULANT FEVER IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	0	0	0	0	0	0
1 year	0	0	0	0	0	0
2 years	1	0	0	0	1	0
3 years	0	0	0	0	0	0
4 years	0	0	0	0	0	0
Under 5 years	1	0	0	0	1	0
5 to 9 years	1	0	0	0	1	0
10 to 14 years	0	0	0	0	0	0
15 to 19 years	1	0	1	0	2	0
20 to 24 years	6	1	1	0	7	1
25 to 34 years	5	0	0	0	5	0
35 to 44 years	7	0	1	0	8	0
45 to 54 years	3	0	2	0	5	0
55 to 64 years	2	0	2	0	4	0
65 years and over	0	0	1	0	1	0
Age not stated	0	0	0	0	0	0
Total	28	1	8	0	34	1

REPORTED CASES OF WHOOPING COUGH IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	801	75	84	88	91	89	66	85	65	34	31	43	52
1 year	955	86	39	97	108	107	84	100	77	43	55	43	44
2 years	1291	130	129	173	145	139	117	123	162	64	49	56	71
3 years	1474	130	145	170	161	177	130	132	104	78	71	71	64
4 years	1556	173	162	171	170	145	195	101	52	77	78	81	
Under 5 years	6077	624	602	687	676	682	542	635	449	274	283	291	312
5 to 9 years	6138	710	762	901	738	783	510	426	212	181	253	353	308
10 to 14 years	355	83	85	69	73	81	38	46	22	22	21	32	22
15 to 19 years	60	8	3	5	8	11	2	11	2	1	3	0	6
20 to 24 years	21	0	0	1	1	0	3	5	1	3	3	0	4
25 to 34 years	32	4	6	3	9	6	6	7	3	1	3	2	2
35 to 44 years	28	5	2	2	6	1	3	3	3	1	1	0	1
45 to 54 years	7	3	1	0	1	0	1	0	1	0	0	0	0
55 to 64 years	9	1	0	1	3	0	1	0	0	0	1	1	1
65 years and over	8	0	0	1	2	2	1	1	0	0	0	0	1
Age not stated	33	1	5	7	3	2	4	3	5	2	0	0	1
Total	12988	1419	1446	1677	1518	1572	1110	1157	693	486	568	679	658

REPORTED CASES AND DEATHS FROM WHOOPING COUGH IN NEW JERSEY

For the Calendar Year 1935 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	419	23	352	29	801	57
1 year	456	10	499	8	955	18
2 years	607	5	684	4	1291	9
3 years	722	5	752	4	1474	9
4 years	781	1	773	0	1556	1
Under 5 years	2985	49	3092	45	6077	94
5 to 9 years	2965	3	3173	1	6138	4
10 to 14 years	264	0	291	0	555	0
15 to 19 years	23	0	35	0	60	0
20 to 24 years	7	0	14	0	21	0
25 to 34 years	14	0	35	0	52	0
35 to 44 years	3	0	25	0	28	0
45 to 54 years	3	0	4	0	7	0
55 to 64 years	0	0	9	0	9	0
65 years and over	0	0	8	0	8	0
Age not stated	16	0	17	0	33	0
Total	6282	52	6706	46	12988	98

REPORTED CASES AND DEATHS FROM CHICKENPOX AND DIPHTHERIA BY COUNTIES FOR 1935

COUNTIES	CHICKENPOX			DIPHTHERIA				
	Cases	Cases per 100,000 Population	Deaths	Cases per 100,000		Deaths per 100,000		Percent Fatality
				Cases	Population	Deaths	Population	
Atlantic	204	149.89	0	2	1.47	1	0.73	50.00
Bergen	1931	473.51	1	32	7.84	4	0.98	12.50
Burlington	214	221.07	0	2	2.06	1	1.03	50.00
Camden	502	186.34	2	102	37.86	5	1.85	4.90
Cape May	94	291.92	0	6	18.63	1	3.10	16.66
Cumberland	15	20.77	0	8	11.06	0	.....	.....
Essex	5635	637.51	0	33	3.73	2	0.22	6.96
Gloucester	74	96.10	0	8	10.39	1	1.30	12.50
Hudson	724	102.29	2	355	54.39	17	2.40	4.41
Hunterdon	40	113.63	0	2	5.68	0	.....	.....
Mercer	371	190.65	0	24	12.32	3	1.54	12.50
Middlesex	323	142.92	0	33	16.81	2	0.83	5.26
Monmouth	715	449.97	0	13	8.18	2	1.26	15.38
Morris	541	458.08	0	8	6.77	1	0.84	12.50
Ocean	40	110.80	0	4	11.08	0	.....	.....
Passaic	772	245.88	0	93	29.61	3	0.95	3.22
Salem	7	18.97	0	6	16.26	2	5.42	33.33
Somerset	145	207.73	0	4	5.73	0	.....	.....
Sussex	94	328.67	0	3	10.49	0	.....	.....
Union	1721	514.65	0	36	10.76	3	0.89	8.33
Warren	18	35.64	0	9	17.82	0	.....	.....
State	14180	330.76	5	818	19.08	48	1.12	3.86

REPORTED CASES AND DEATHS FROM DYSENTERY, TRACHOMA, OPHTHALMIA NEONATORUM AND PARATYPHOID FEVER BY COUNTIES FOR 1935

COUNTIES	DYSENTERY		TRACHOMA		OPHTHALMIA NEONATORUM		PARATYPHOID FEVER	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Atlantic	1	1	0	0	2	0	2	2
Bergen	4	0	1	0	0	0	0	0
Burlington	0	0	0	0	0	0	0	0
Camden	0	0	2	0	0	0	0	0
Cape May	0	0	0	0	0	0	2	0
Cumberland	0	1	0	0	0	0	0	0
Essex	4	0	4	0	11	0	2	0
Gloucester	0	0	0	0	0	0	0	0
Hudson	18	3	3	0	2	0	1	0
Hunterdon	0	0	0	0	0	0	0	0
Mercer	0	0	0	0	4	0	0	0
Middlesex	0	1	1	0	0	0	1	1
Monmouth	6	1	0	0	0	0	0	0
Morris	1	0	0	0	1	0	0	0
Ocean	0	0	0	0	0	0	0	0
Passaic	2	0	2	0	1	0	1	0
Salem	0	0	0	0	0	0	0	0
Somerset	2	1	0	0	0	0	0	0
Sussex	0	0	1	0	0	0	0	0
Union	1	0	1	0	2	0	1	0
Warren	0	0	0	0	0	0	0	1
State	39	8	15	0	23	0	10	4

REPORTED CASES AND DEATHS FROM INFLUENZA AND PNEUMONIA
BY COUNTIES FOR 1935

COUNTIES	INFLUENZA				PNEUMONIA			
	Cases per 100,000		Deaths per 100,000		Cases per 100,000		Deaths per 100,000	
	Cases	Population	Deaths	Population	Cases	Population	Deaths	Population
Atlantic	14	10.23	29	21.80	85	62.45	103	73.68
Bergen	77	38.83	27	6.62	440	107.59	139	43.34
Burlington	92	95.04	6	6.20	50	51.65	67	69.21
Camden	69	25.61	43	15.96	270	100.22	188	69.78
Cape May	18	55.00	5	15.52	13	40.37	23	71.43
Cumberland	8	11.08	13	18.00	56	77.56	44	60.94
Essex	323	36.54	43	4.86	2576	291.43	567	64.14
Gloucester	6	7.79	12	15.58	28	36.86	47	61.04
Hudson	165	23.31	53	7.48	301	42.52	476	67.25
Hunterdon	0	.....	7	19.88	14	39.77	30	85.22
Mercer	29	14.80	14	7.10	145	74.47	132	67.79
Middlesex	5	2.21	10	4.42	83	36.72	131	57.96
Monmouth	21	13.21	21	13.21	196	117.05	89	56.01
Morris	12	10.16	5	4.23	139	117.89	74	62.66
Ocean	2	5.54	18	49.86	20	55.40	29	80.33
Passaic	109	34.71	33	10.51	92	29.30	192	61.14
Salem	1	2.71	12	32.52	6	16.26	23	62.33
Somerset	198	283.66	7	10.03	62	88.82	44	63.03
Sussex	1	3.49	1	3.49	25	87.41	27	94.40
Union	11	3.29	30	8.97	221	66.09	193	57.71
Warren	0	.....	4	7.92	3	5.94	44	87.13
State	1161	27.08	393	9.16	4815	112.31	2712	63.26

REPORTED CASES AND DEATHS FROM MALARIA AND EPIDEMIC CEREBROSPINAL
MENINGITIS BY COUNTIES FOR 1935

COUNTIES	MALARIA				EPIDEMIC CEREBROSPINAL MENINGITIS				
	Cases per 100,000		Deaths	Population	Cases per 100,000		Deaths per 100,000		Percent Fatality
	Cases	Population			Cases	Population	Deaths	Population	
Atlantic	0	.....	0	0	.....	0	.....	.....
Bergen	1	0.24	0	13	3.18	5	1.22	88.46	
Burlington	2	2.05	0	2	2.06	2	2.06	100.00	
Camden	133	49.37	1	1	1.85	3	1.11	60.00	
Cape May	0	.....	0	2	6.21	0	.....	.....
Cumberland	0	.....	0	0	.....	0	.....	.....
Essex	4	0.45	0	10	1.13	4	0.45	40.00	
Gloucester	0	.....	0	2	2.59	1	1.30	50.00
Hudson	4	0.56	1	22	3.11	4	0.56	18.18	
Hunterdon	0	.....	0	1	2.84	0	.....	.....
Mercer	4	2.05	0	1	0.51	0	.....	.....
Middlesex	0	.....	0	5	2.21	3	1.32	60.00
Monmouth	1	0.83	0	3	1.88	1	0.63	33.33	
Morris	1	0.84	2	0	.....	0	.....	.....
Ocean	0	.....	0	0	.....	0	.....	.....
Passaic	1	0.32	0	5	1.59	2	0.63	40.00	
Salem	0	.....	0	5	5.42	1	2.71	50.00
Somerset	0	.....	0	5	7.16	1	1.43	20.00
Sussex	1	3.49	1	1	3.49	0	.....	.....
Union	3	0.89	0	14	4.18	5	1.49	35.71	
Warren	0	.....	0	1	1.98	0	.....	.....
State	155	3.61	6	94	2.19	32	0.74	34.04	

REPORTED CASES AND DEATHS FROM MEASLES AND GERMAN MEASLES
BY COUNTIES FOR 1935

COUNTIES	MEASLES					GERMAN MEASLES		
	Cases	Cases per 100,000		Deaths	Percent Fatality	Cases	Cases per 100,000	
		Population	Deaths				Population	Deaths
Atlantic	102	74.94	0	.....	101	74.21	0
Bergen	5997	1470.37	4	0.98	2872	704.26	0	
Burlington	241	248.86	0	.....	186	192.15	0
Camden	53	39.78	0	.....	68	25.24	0
Cape May	18	35.90	0	.....	5	15.32	0
Cumberland	31	42.93	0	.....	42	58.17	0
Essex	11936	1350.60	12	1.35	2656	300.48	1	
Gloucester	15	20.78	0	.....	46	58.44	0
Hudson	4099	708.27	27	3.81	479	67.67	0	
Hunterdon	73	207.38	0	.....	63	178.97	0
Mercer	259	133.02	0	.....	1185	613.76	0
Middlesex	985	433.94	3	1.32	49	21.68	0	
Monmouth	1088	684.70	1	0.63	1961	1234.11	0	
Morris	232	197.29	0	.....	187	158.24	0
Ocean	68	188.86	0	.....	29	80.23	0
Passaic	3541	1127.70	4	1.27	416	132.48	0	
Salem	49	108.40	0	.....	1	2.71	0
Somerset	351	502.86	0	.....	100	143.26	0
Sussex	31	108.39	0	.....	559	1954.54	0
Union	3435	1027.21	4	1.19	503	150.42	0	
Warren	14	27.72	0	.....	27	53.46	0
State	33516	781.80	35	1.28	11544	269.28	1	

REPORTED CASES AND DEATHS FROM ACUTE ANTERIOR POLIOMYELITIS AND
SCARLET FEVER BY COUNTIES FOR 1935

COUNTIES	ACUTE ANTERIOR POLIOMYELITIS					SCARLET FEVER			
	Cases	Cases per 100,000		Deaths	Percent Fatality	Cases	Cases per 100,000		Deaths per 100,000
		Population	Deaths				Population	Deaths	
Atlantic	5	3.67	0	.....	178	139.78	0	.....
Bergen	93	22.80	4	0.98	722	177.04	3	0.73	
Burlington	1	1.03	0	.....	126	130.16	0	.....
Camden	12	4.45	2	0.74	431	139.98	0	.....
Cape May	1	3.10	0	.....	35	108.69	0	.....
Cumberland	2	2.77	0	.....	38	52.63	0	.....
Essex	120	13.37	7	0.79	1253	141.76	4	0.45	
Gloucester	0	.....	0	.....	95	123.37	2	2.59
Hudson	62	8.76	4	0.56	467	65.98	3	0.42	
Hunterdon	7	19.88	1	2.84	27	76.70	0	.....
Mercer	5	2.57	2	1.02	546	280.43	6	3.08	
Middlesex	37	16.37	1	0.44	357	137.96	2	0.88	
Monmouth	90	18.88	3	1.88	123	77.40	3	1.88	
Morris	15	12.70	1	0.84	164	138.86	0	.....
Ocean	1	2.77	1	2.77	63	174.51	0	.....
Passaic	40	12.74	1	0.32	282	89.51	1	0.32	
Salem	2	5.42	0	.....	34	92.14	0	.....
Somerset	15	21.49	2	2.66	47	67.53	0	.....
Sussex	2	6.99	0	.....	79	276.22	1	3.49
Union	59	17.64	6	1.79	386	115.43	0	.....
Warren	3	5.94	0	.....	50	99.01	0	.....
State	512	11.94	35	0.81	5503	128.36	25	0.58	

REPORTED CASES AND DEATHS FROM SMALLPOX AND TUBERCULOSIS
 BY COUNTIES FOR 1935

COUNTIES	SMALLPOX				TUBERCULOSIS				
	Cases per 100,000		Deaths per 100,000		Cases per 100,000		Deaths per 100,000		Percent Fatality
	Cases	Population	Deaths	Population	Cases	Population	Deaths	Population	
Atlantic	0	...	0	...	117	83.96	70	51.43	39.83
Bergen	0	...	0	...	238	63.26	158	33.74	61.24
Burlington	0	...	0	...	80	82.64	47	48.55	58.75
Camden	0	...	0	...	366	135.36	131	48.62	35.78
Cape May	0	...	0	...	10	31.05	8	24.84	80.00
Cumberland	0	...	0	...	43	66.48	29	40.16	60.41
Essex	0	...	0	...	1025	115.96	513	58.04	50.05
Gloucester	0	...	0	...	58	75.82	36	48.75	62.07
Hudson	0	...	0	...	772	109.07	366	51.71	47.41
Hunterdon	0	...	0	...	32	90.91	12	34.09	37.50
Mercer	0	...	0	...	244	125.32	126	64.71	51.64
Middlesex	0	...	0	...	201	88.94	124	54.86	61.69
Monmouth	0	...	0	...	143	89.99	86	54.12	60.14
Morris	0	...	0	...	141	119.39	50	42.33	35.48
Ocean	0	...	0	...	29	80.33	15	41.85	51.72
Passaic	0	...	0	...	306	97.45	139	44.26	45.42
Salem	0	...	0	...	28	70.46	20	54.20	76.92
Somerset	0	...	0	...	100	143.26	40	37.30	40.00
Sussex	0	...	0	...	18	62.03	8	27.97	44.44
Union	0	...	0	...	291	87.02	153	45.75	52.87
Warren	0	...	0	...	31	61.38	12	23.76	38.71
State	0	...	0	...	4296	100.21	2143	49.99	49.88

 REPORTED CASES AND DEATHS FROM TYPHOID FEVER AND WHOOPING COUGH
 BY COUNTIES FOR 1935

COUNTIES	TYPHOID FEVER				WHOOPING COUGH			
	Cases per 100,000		Deaths per 100,000		Cases per 100,000		Deaths per 100,000	
	Cases	Population	Deaths	Population	Cases	Population	Deaths	Population
Atlantic	34	24.98	8	5.88	197	144.74	3	2.20
Bergen	11	2.69	4	0.98	1615	396.02	7	1.71
Burlington	5	5.16	0	...	204	365.72	0	...
Camden	30	11.13	3	1.11	377	189.94	4	1.48
Cape May	5	15.52	2	6.21	53	164.59	2	6.21
Cumberland	5	6.92	0	...	72	90.72	7	9.69
Essex	29	3.28	1	0.11	5837	690.37	28	3.16
Gloucester	6	7.79	0	...	121	157.14	3	3.89
Hudson	11	1.55	0	...	559	78.97	7	0.99
Hunterdon	1	2.84	0	...	12	34.09	2	5.68
Mercer	5	2.57	0	...	131	67.28	0	...
Middlesex	4	1.77	0	...	155	68.55	7	3.06
Monmouth	10	6.39	2	1.26	445	290.05	3	1.88
Morris	3	2.54	0	...	611	517.36	5	4.23
Ocean	2	5.54	0	...	20	55.40	1	2.77
Passaic	5	1.59	1	0.32	514	163.69	5	1.59
Salem	3	8.13	0	...	48	130.08	2	5.42
Somerset	5	7.13	1	1.43	191	273.64	...	...
Sussex	1	3.49	0	...	64	223.77	...	3.49
Union	5	1.49	0	...	1646	492.22	...	2.69
Warren	0	...	0	...	26	51.48	2	3.96
State	180	4.20	22	0.51	12958	302.96	98	2.23

 REPORTED CASES AND DEATHS FROM MUMPS, LETHARGIC ENCEPHALITIS, UNDULANT
 FEVER, TETANUS AND TRICHINOSIS BY COUNTIES FOR 1935

Counties	MUMPS		LETHARGIC ENCEPHALITIS		UNDULANT FEVER		TETANUS		TRICHINOSIS	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Atlantic	15	1	1	1	0	0	1	1	0	0
Bergen	500	0	4	2	3	0	2	1	0	0
Burlington	539	0	1	1	3	0	0	1	0	0
Camden	256	0	0	0	2	0	2	1	0	0
Cape May	90	0	0	0	0	0	0	0	0	0
Cumberland	79	0	0	1	4	0	0	0	0	0
Essex	2197	1	11	3	1	0	8	4	2	0
Gloucester	35	0	1	1	1	0	0	1	3	1
Hudson	163	0	3	4	2	0	0	0	0	0
Hunterdon	5	0	0	0	1	0	0	0	0	0
Mercer	430	0	5	2	0	0	1	1	1	0
Middlesex	155	0	0	0	1	0	3	2	0	0
Monmouth	77	0	7	0	0	0	0	0	0	0
Morris	477	1	2	1	3	0	0	0	1	0
Ocean	146	0	1	1	0	0	0	0	0	0
Passaic	173	2	3	2	2	0	0	0	0	1
Salem	43	0	0	0	3	1	0	0	0	0
Somerset	33	0	1	3	3	0	1	1	2	0
Sussex	5	0	0	0	1	0	0	0	0	0
Union	827	0	3	4	1	0	0	0	1	0
Warren	48	0	0	0	1	0	0	0	0	0
State	5793	5	47	26	34	1	15	14	12	2

 REPORTED CASES AND DEATHS FROM MISCELLANEOUS DISEASES
 FOR THE YEAR 1935

Disease	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Anthrax	4	0	1	0	5	0
Malaria	78	4	77	2	155	6
Ophthalmia Neonatorum	13	0	10	0	23	0
Rabies	0	0	1	1	1	1
Smallpox	0	0	0	0	0	0
Typhus Fever	3	1	1	0	4	1
Union	2	1	1	0	3	1

Report of the Bureau of Engineering

For the Year Ending June 30, 1936

H. P. CROFT, CHIEF ENGINEER

This report deals with the following:

1. Number of water and sewage projects approved from July 1, 1935 to June 30, 1936.
2. Inspections made and certain actions taken during the year.
3. Court decisions: Borough of Interlaken and Township of Ocean (Sewerage District Nos. 1, 2 and 3); Rumson Land and Development Company; Borough of Little Ferry; Borough of Cape May Point.
4. Sprinkling filters at sewage treatment plants: resolution and rules and regulations for design.
5. The examination of water samples from private sources.
6. Iron in well waters.
7. Physical connections between public potable water supplies and unapproved water supplies.
8. The issuance of licenses to operators of water purification and/or treatment plants and sewage treatment plants.
9. Interstate carriers.
10. Establishment of factories on watersheds.
11. School supplies.
12. Descriptive data of public potable water supplies in New Jersey as of June 30, 1936.
13. Chemical analysis (average) of the public potable water supplies in New Jersey.

No. 1

NUMBER OF WATER AND SEWAGE PROJECTS EXAMINED AND APPROVED FROM
JULY 1, 1935 TO JUNE 30, 1936

Character of Projects	Number of Projects	Number of Applying Municipalities, Commissions or Companies	Number of Plans	Engineers' Estimates of Cost
<i>Sewage:</i>				
Trunk, sub-trunk, relief and intercepting sewers, sewer extensions and sewage pumping stations	42	24	112	\$761,936.25
Alterations and additions to sewage treatment works	23	20	113	733,185.00
Sewer systems, partial and complete, new	4	4	71	712,500.00
Sewage treatment works, new	9	7	113	1,042,863.57
<i>Water:</i>				
New systems and supplies	6	6	15	88,616.50
Alterations, improvements and additions to water works	43	33	30	462,185.43
Totals	127	94	454	\$3,801,286.75
Total of engineers' estimates of costs for the fiscal year ending June 30, 1935				\$2,039,727.94

No. 2

INSPECTIONS MADE AND CERTAIN ACTIONS TAKEN DURING THE YEAR

Special water inspections, including complaints, conferences, hearings and meetings	283
Routine water inspections	96
Swimming pools and bathing places	4
Watershed surveys	2
Investigation of shellfish areas	2
Investigation of cross connections	11
Water sample collections	19
Special sewage inspections and trade waste inspections	210
Sewage complaints, conferences, meetings and hearings	44
Chlorination investigation	1

Routine sewage inspections	13
Gage installations and removals	11
Garbage investigations	2
Plant site investigation	1
Creamery wastes, distillery wastes, laundry wastes and fishery investigations	6
Inspection of flood conditions	1

Ninety-five certificates were issued to railroad, vessel and airway companies for the use of water upon interstate carriers. One hundred and twenty-two man-working days were spent in the collection of samples from stream sampling stations; twenty-eight and one-half days were spent in attending court trials and serving court papers; sixty-six and five-twelfths man-working days were spent in attending conferences and meetings; seventeen and one-half man-working days were spent in collecting surf samples along the North Jersey Coast; eight man-working days were spent in inspecting sewage outfalls along the North Jersey Coast; and fourteen and one-half man-working days were spent in stream survey work.

The following man-working days were spent in the investigation of sewage treatment plants at:

Barrington	7 5/6
Lakewood	60 1/2
Merchantville-Pennsauken	15
Perth-Amboy	32 3/4

Sanitary inspections were made upon the following streams during the year:

Black Creek	Passaic River
Carter Brook	Paulins Kill
Clove Brook	Peckman River
Crooked Brook	Pequanock River
Crosswicks Creek	Rahway River
Hackensack River	Raritan River
Kenouse Brook	Raritan Bay
Molly Ann Brook	Rockaway River
Morris Canal	Salem Creek
Navesink River	Shabakunk Creek
	Shrewsbury River

Stream pollutions investigated	55
Notices issued to cease stream pollution	11
Cases of stream pollution found to be abated	41
Cases referred to the Attorney General for prosecution	17
Resolution and/or letter requesting Attorney General to discontinue proceedings to cease pollution and improve sewage treatment works	2
Notices issued to enforce the provisions of Chapter 13, State Sanitary Code	1
Resolution in which terms of notice are held in abeyance pending the installation of purification devices	5
Resolution adopted relative to abandonment of water supply	1
Resolution relative to Rules and Regulations approving sprinkling filters	1
Resolution requesting Attorney General to hold in abeyance action, pending the applicability of method of treatment of water supply	1
Resolution approving plans for alterations and additions to water plants, sewage plants and sewer lines	3
Resolution nullifying one or more provisions in approval of plans for water plants	2
Resolutions approving installation of method of sewage treatment	7
Resolution requesting Attorney General to hold cases in abeyance relative to pollutions	2
Resolution rescinding approval of plans or order of department	8
Resolution and notice to cease violation of provisions of Chapter 23, P. L. of 1918	1
Notices issued to distributors of potable water to cease the supplying of water to the public unless source of supply is approved	3
Notices issued upon municipalities or water companies to improve water supplies	8
Notices issued upon municipalities or sewer companies to cease the discharge of insufficiently treated sewage into waters of the State, alter, add to or improve sewage treatment plants, and expand and/or intensify method of treatment	22
Resolution requesting Attorney General to discontinue case relative to Chapter 23, P. L. of 1918	1
Resolution requesting Attorney General to discontinue case relative to Chapter 253, P. L. of 1909	1

No. 3. COURT DECISIONS

During the year important opinions were given by the Court of Chancery in the following cases:

Department of Health *vs.* Borough of Interlaken. The municipality was ordered by the department to cease the pollution of the waters of the Atlantic Ocean at, adjacent to and in the vicinity of sewage treatment works owned and operated by the said Borough of Interlaken, Sewerage

Districts Nos. 1, 2 and 3 of the Township of Ocean, in the County of Monmouth, and located in Sewerage District No. 3 of the Township of Ocean, by allowing and permitting the discharge therein of improperly, inadequately and insufficiently treated sewage from said sewage treatment plant, and to improve and alter said sewage treatment works in such a manner as shall be approved by the Department of Health, and to compel the defendants to construct and place in operation a pumping unit or units in order to eliminate tidal action in said sewage treatment works, and to construct, install and operate a chlorine contact chamber and a chlorinator or other disinfection device for the treatment of sewage. The case was instituted under the provisions of Chapter 72, P. L. of 1900, its amendments and supplements. The Final Decree in this cause is:

IN CHANCERY OF NEW JERSEY.

<i>Between</i>	
THE DEPARTMENT OF HEALTH OF THE STATE OF NEW JERSEY,	}
<i>Complainant,</i>	
<i>and</i>	
BOROUGH OF INTERLAKEN, a Municipal Corporation, <i>et al.</i> ,	}
<i>Defendants.</i>	
On Bill, &c. Final Decree.	

This cause coming on to be heard in the presence of Robert Peacock, Esquire, appearing for David T. Wilentz, Attorney General, of counsel with complainant, and Isaiah Matlack, Esquire, of counsel with the defendant, Borough of Interlaken; and the complainant's bill having been taken as confessed against the defendants, Sewerage District No. 1 of the Township of Ocean, in the County of Monmouth, Sewerage District No. 2 of the Township of Ocean, in the County of Monmouth, Sewerage District No. 3 of the Township of Ocean, in the County of Monmouth, bodies corporate of the State of New Jersey, and the Township of Ocean, a municipal corporation of the State of New Jersey; and the pleadings and proofs having been read, and the arguments of respective counsel having been heard and considered and the court having duly considered the said pleadings, proofs and arguments, and it appearing to the court that the complainant is entitled to the relief sought and prayed for by it in its bill of complaint;

IT IS on this 30th day of April, A. D. 1936, by his Honor Luther A. Campbell, Chancellor of the State of New Jersey, ORDERED, ADJUDGED AND DECREED and the Chancellor doth by virtue of the power and authority in him vested ORDER, ADJUDGE AND DECREE that a writ of injunction of this court do forthwith issue out of and under the seal of this court directed to the Borough of Interlaken, a municipal corporation of the

State of New Jersey, Sewerage District No. 1 of the Township of Ocean, in the County of Monmouth, Sewerage District No. 2 of the Township of Ocean, in the County of Monmouth, Sewerage District No. 3 of the Township of Ocean, in the County of Monmouth, bodies corporate of the State of New Jersey, and the Township of Ocean, a municipal corporation of the State of New Jersey, commanding each and every of said defendants on and after the 15th day of September, A. D. 1936, their officers, servants and agents to forthwith cease the pollution of the waters of the Atlantic Ocean at, adjacent to and in the vicinity of sewage treatment works owned and operated by the said Borough of Interlaken, Sewerage Districts Nos. 1, 2 and 3 of the Township of Ocean, in the County of Monmouth, and located in Sewerage District No. 3 of the Township of Ocean, in the County of Monmouth, by permitting and allowing the discharge therein of improperly, insufficiently and inadequately treated sewage from said sewage treatment plant, and improve and alter said sewage treatment works in such manner as shall be approved by the Department of Health of the State of New Jersey; and further commanding that said defendants be compelled to construct and place in operation a pumping unit or units in order to eliminate tidal action in said sewage treatment works; and further commanding that said defendants be compelled to construct, install and operate a chlorine contact chamber and a chlorinator or other disinfection device for the treatment of sewage in accordance with the requirements of the Department of Health of the State of New Jersey, before an effluent from said sewage treatment works owned and operated by the Borough of Interlaken and Sewerage Districts No. 1, No. 2 and No. 3 of the Township of Ocean, in the County of Monmouth, is discharged into the waters of the Atlantic Ocean; and further commanding that the said Township of Ocean, in the County of Monmouth, its officers, servants, employees and agents, and every of them, be compelled to cease the discharge of any sewage from sewer lines owned and operated by said Township of Ocean into said sewage treatment works owned and operated by the Borough of Interlaken, Sewerage Districts Nos. 1, 2 and 3 of the Township of Ocean, in the County of Monmouth, until said sewage treatment works are altered and improved in such manner as shall be approved by the Department of Health of the State of New Jersey.

AND IT IS FURTHER ORDERED, ADJUDGED AND DECREED that the defendants pay to the complainant its costs in this suit, to be taxed.

Respectfully advised,

(Signed) MAJA LEON BERRY

We consent to the above decree.

(Signed) DAVID T. WILENTZ,
Solicitor of Comptroller.

ISAIAH MATLACK,
Solicitor Borough of Interlaken.

VINCENT P. KEUPER,
Solicitor Ocean Township, et als

A True Copy,
EDW. L. WHELAN,
Clerk.

Department of Health *vs.* Rumson Land and Development Company, a corporation of the State of New Jersey. Suit for violation of Chapter 47, P. L. of 1921 was instituted in the District Court of the First Judicial District of Monmouth County, located in Asbury Park. On July 3, 1935, the case was tried and judgment in the amount of \$100.00 penalty, and costs, was entered in favor of the plaintiff.

Department of Health *vs.* Borough of Little Ferry. Suit for violation of Chapter 23, P. L. of 1918 was instituted in the District Court of the First Judicial District of Bergen County, located in Englewood. On June 4, 1936, judgment in the amount of \$490.00 was entered in favor of the plaintiff.

State of New Jersey, *Ex rel.* Department of Health of the State of New Jersey *vs.* Borough of Cape May Point. A bill was filed in the Court of Chancery praying an injunction to restrain the distribution of impure water for potable purposes by the Borough of Cape May Point. When the matter came on for hearing before Vice Chancellor Sooy on October 3, 1935, the Vice Chancellor directed the Department of Health to make a reinspection of the treatment plant. The Vice Chancellor further directed that, if the conditions complained of in the bill of complaint still existed, a decree be entered against the Borough without further hearing.

NO. 4. RESOLUTION AND RULES AND REGULATIONS FOR THE PREPARATION AND SUBMISSION OF PLANS FOR SEWAGE TREATMENT WORKS EMPLOYING SPRINKLING FILTER PROCESS

WHEREAS, It is the duty of the Department of Health of the State of New Jersey to investigate the various methods of sewage disposal in order that the said Department may be able to make proper recommendations in regard thereto and to require alterations, additions or improvements to existing sewage treatment plants; and,

WHEREAS, The Department of Health of the State of New Jersey is of the opinion that a method of sewage treatment produced by the construction and operation of a sprinkling filter is a well established method in this State, the said Department has caused its representatives to make a detailed survey of the construction and operation of said method of sewage treatment; and,

WHEREAS, The Department of Health of the State of New Jersey, at a meeting held on the twelfth day of November, A. D. one thousand nine hundred and thirty-five, having found and determined that the aforesaid survey has been made, is now of the opinion, based on report of said survey made by its representatives, that to secure the maximum efficiency from a sewage treatment plant in which a sprinkling filter is one of the devices and/or methods used in the process of sewage treatment or disposal, and to improve existing sewage treatment plants in which sprinkling filters are a part of said plants, that the Rules and Regulations for the Preparation and Submission of Designs for Sewer Systems and Sewage Treatment Plants, adopted by said Department on August 11, 1925, shall, in so far as said rules and regulations relate to sprinkling filters, be amended; therefore,

Be It Resolved, By the Department of Health of the State of New Jersey, at a meeting held on the twelfth day of November, A. D. one thousand nine hundred and thirty-five, that the rules and regulations relating to the preparation and submission of designs for sprinkling filters, said rules and regulations adopted by said Department on August 11, 1925, be and are herewith rescinded; and,

Be It Further Resolved, By the aforesaid Department of Health that the rules and regulations relating to the preparation and submission of designs for sprinkling filters and for alterations and additions for improvements to existing sewage treatment plants be and are herewith as follows, to wit:

General:

1. Sprinkling filters shall be preceded by efficient sedimentation.
2. The minimum effective depth of filtering media at any point in the filter shall be not less than six (6) feet and the preferable maximum depth shall not be more than nine (9) feet. The effective depth shall be the distance from top of stone to top of underdrains. The effective volume shall be that volume that complies with the aforesaid effective depth.

3. The filtering media shall be from one (1) inch to two (2) inches in size; free of fines, and the crushed stone shall comply with the sodium-sulphate soundness test prescribed by the American Association of State Highway officials.

4. Means for the complete flooding of the filter by sections are desirable.

5. Underdrain ventilation shall be provided.

6. When the 5-day Biochemical Oxygen Demand of the raw sewage exceeds 325 parts per million, sprinkling filter treatment is not desirable unless preliminary sedimentation is supplemented by an additional method of treatment, such as chemical precipitation.

7. (a) The volume of sewage to be treated by a sprinkling filter shall not exceed 630,000 gallons per day per acre per foot of depth.

(b) The average rate of application of sewage during the dosing period shall not exceed either of the following:

(1) 1,100 gallons per minute per acre per foot when the 5-day Biochemical Oxygen Demand of the raw sewage is equal to or less than 215 parts per million.

(2)
$$\frac{215}{\text{(5-day Biochemical Oxygen Demand of Raw Sewage)}} \times 1100 =$$

gallons per minute per acre per foot when the 5-day Biochemical Oxygen Demand of raw sewage is greater than 215 parts per million.

(c) The operating time of the filter shall be not less than 20 per cent. or more than 40 per cent. of the day.

Secondary Tank:

1. Sprinkling filters shall be followed by a settling tank; if flat bottom, two compartments shall be provided. Total detention period, based on average daily flow, shall be not less than one (1) hour. Consideration should be given to supplementing sedimentation by chemical precipitation and to the installation of mechanical sludge collecting equipment.

2. Sludge disposal from secondary tanks.

- (a) If separate sludge digestion tanks are provided, the sludge from the secondary tank shall be discharged thereto, and a volume of not less than one-half ($\frac{1}{2}$) cubic foot per capita shall be provided for the sludge.
- (b) If separate sludge digestion tanks are not provided, the sludge from the secondary tanks shall be discharged to glass-covered drying beds and the area provided therefore shall be not less than one-quarter ($\frac{1}{4}$) square foot per capita; otherwise, the matter of secondary tank sludge disposal shall be considered as a separate problem at each installation.
- (c) If pumping is necessary, the piping and pumping equipment shall be a permanent installation.

Fixed Nozzles:

1. Twin dosing tanks shall be provided and they shall have a common nozzle field.
2. The dosing cycle (the time interval to completely fill and discharge one siphon chamber) shall not exceed fifteen (15) minutes.
3. The net terminal head on nozzles shall be not less than one and one-half ($1\frac{1}{2}$) feet.
4. Half nozzles or equal shall be provided at the sides of the filter bed.
5. Detailed information shall be furnished in regards to the coverage efficiency of the nozzles.
6. Consideration should be given to means which will permit the removal from service of either half or any quarter of the nozzle field.

Rotary or Traveling Distributor:

1. The filter retaining wall shall not extend more than three (3) inches above the filtering media.
2. Valves shall be provided to permit cutting out of service any filter unit.

NO. 5. THE EXAMINATION OF WATER SAMPLES FROM PRIVATE SOURCES

The State Department of Health is obligated to examine, not less than four times a year, a sample of water from every public supply of water in the State (Chapter 41, P. L. of 1899, Chapter 253, P. L. of 1909). Such supervision is supplemented by inspections and the examination of additional samples of water.

The local board of health has the power to pass, alter or amend ordinances to protect the public water supply and prevent the pollution of any stream of water or well, the water of which is used for domestic purposes, and to order not to be used, or to be closed any well, the water of which is polluted or detrimental to the public health (Chapter 68, P. L. of 1887, amended Chapter 117, P. L. of 1930).

The distinction in the jurisdiction over public potable water supplies and private water supplies, as well as other factors, led the Department to establish, some years ago, the following policy:

- (a) It will analyze, for a fee of \$15.00, a sample when forwarded in a regulation sterile container furnished by this Department and report the results with an opinion to the owner of the supply;
- (b) It will analyze, free of charge, samples from private supplies upon request of local boards of health when forwarded to the Department by representatives of local boards; provided, the local health officer will be aided by such analyses and will prohibit the use of water from such supplies for potable purposes, if found potentially dangerous.

Under the aforementioned procedure "a", and including the examinations of miscellaneous samples, the amount of \$630.00 was collected and forwarded to the State Treasurer.

The examinations are made in the Bureau of Chemistry; the Bureau of Engineering interprets and forwards the results.

NO. 6. IRON IN WELL WATERS

Many well waters in New Jersey, used as sources for public and private water supplies, contain iron and, less frequently, traces of manganese. In such well waters the iron is present in

solution as ferrous compounds, either soluble in water or held in solution by an excess of carbonic acid, and, upon exposure to air, the ferrous compounds are oxidized quickly into ferric compounds and thrown out of solution. Probably the most common salts of iron in water are the carbonate and bicarbonate. Waters, containing ferrous salts in solution, are quite frequently clear and colorless when drawn but rapidly become turbid, and brown sediment forms upon exposure to the air, this in consequence of the formation of the oxidized, insoluble iron compounds. Waters of a higher iron content deposit a red brown sediment after oxidation.

The unsightly appearance of such waters is usually sufficient to condemn it for domestic purposes, in the opinion of the average consumer; however, a turbid and colored water may be perfectly safe for human consumption, while a bright, clear, sparkling water may be highly polluted and dangerous for potable purposes. So far as known, there have been produced no ill effects from drinking water containing traces of iron. For general household purposes an irony water is very objectionable, clothes are stained when washed in it and the so-called iron-mold is formed by the deposition of iron oxide in the fibre of the material affected, cooking utensils and plumbing fixtures are stained, and, when considerable iron is present, tea and coffee are turned murky or inky.

There is very little or no visible deposition of iron after oxidation, when the iron content of a water is 0.5 part per million or less and there are no dead ends in the water distribution system. In dead ends, the very small and practically invisible particles of iron accumulate, and, after a time, this accumulation finds its way into the house services located along the dead ends.

Another source of objectionable iron deposit in the water obtained from house taps, although the source of water is very low in iron content, is the corrosion of distribution mains or in the hot water boilers. Corrosive waters usually contain carbonic acid and have a hydrogen ion concentration on the acid side, that is less than 7.0. Such waters attack the iron mains or boilers and a deposit of iron oxide results. As the result of a scouring action, iron and other mineral deposits, or scale, have been found in water from house taps after the direction of flow has been

changed in the water main, or after a sudden increase in water pressure.

Invariably, the form of iron responsible for an odor in a water supply is crenothrix; an iron algae of stringy, slimy, brown growth. Crenothrix appears capable of developing in waters containing only a trace of iron in solution.

The following table shows the average iron content of the raw and the delivered waters at the public potable water supplies where iron removal plants are installed:

SUPPLY	COUNTY	AVERAGE IRON CONTENT OF RAW WATER	TREATMENT	AVERAGE IRON CONTENT OF DELIVERED WATER
Allochwest	Monmouth	1.20	Rapid sand filtration (pressure) lime treatment	0.12
Albany Park	Monmouth	2.20	Aeration and rapid sand filtration (pressure)	0.10
Atlantic Highlands	Monmouth	4.25	Aeration and rapid sand filtration (pressure)	0.23
Avon	Monmouth	7.20	Rapid sand filtration (pressure)	0.20
Chesler Township	Burlington	0.40	Aeration and rapid sand filtration (pressure)	0.70
Clayton	Gloucester	0.4	Aeration and lime	0.15
Egg Harbor City	Atlantic	2.0	Aeration, sedimentation and rapid sand filtration (gravity)	0.15
Gloucester	Camden	4.8	Aeration, sedimentation and rapid sand filtration (gravity)	0.35
Highlands	Monmouth	15.0	Aeration and slow sand filtration	0.25
Highstown	Mercer	17.5	Aeration and lime	0.25
Highville	Monmouth	10.0	Aeration and rapid sand filtration (pressure)	0.25
Keansburg	Monmouth	3.5	Aeration and slow sand filtration	0.15
Keyport	Ocean	1.5	Aeration and rapid sand filtration (pressure)	0.35
Long Beach	Monmouth	0.0	Aeration and slow sand filtration	0.15
Matawan	Monmouth	0.0	Aeration and rapid sand filtration (pressure)	0.20
Metuchen	Burlington	2.8	Aeration and rapid sand filtration (pressure)	0.20
Moorestown	Burlington	2.6	Aeration, sedimentation, rapid sand filtration (pressure) and lime	0.29
Mount Holly	Burlington	18.0	Aeration, rapid sand filtration (gravity) and lime	0.30
Penningrove	Salmon	3.5	Aeration, sedimentation and rapid sand filtration (gravity)	0.15
Perth Amboy	Middlesex	1.8	Time treatment and rapid sand filtration (pressure)	0.20
Phillipsburg	Monmouth	3.8	Aeration and rapid sand filtration (gravity)	0.20
Shrewsbury	Ocean	0.8	Aeration and rapid sand filtration (pressure)	0.10
Southfield	Burlington	2.6	Aeration and rapid sand filtration (pressure)	0.27
Southville	Monmouth	4.0	Aeration, sedimentation and rapid sand filtration (pressure)	0.15
Union Beach	Monmouth	4.0	Aeration, sedimentation and rapid sand filtration (pressure)	0.15

The distribution of the afore-listed iron removal plants, by counties, is as follows: Monmouth, 11; Burlington, 4; Camden and Ocean, 2 each; and, Atlantic, Gloucester, Mercer, Middlesex and Salem, 1 each.

The State Department of Health supervises the purity of public potable water supplies and the operation of water purification plants under the provisions of Chapter 253, P. L. of 1909. This act is a supplement to "An act to secure the purity of the public supplies of potable waters in this State." In an opinion upon the terms of Chapter 253, P. L. of 1909, the office of the Attorney General has advised the Department of Health of the State of New Jersey that it has no jurisdiction in the matters of iron content and allied subjects. The opinion differentiates between a safe water and an attractive water.

NO. 7. PHYSICAL CONNECTIONS BETWEEN PUBLIC POTABLE WATER SUPPLIES AND UNAPPROVED WATER SUPPLIES

A complete list of physical connections between approved public potable water supplies and unapproved water supplies, for which permits to maintain such physical connections have been issued by the New Jersey State Department of Health under the provisions of Chapter 13 of the New Jersey State Sanitary Code, was contained in the Report of the Bureau of Engineering for the year ending June 30, 1934. The succeeding Report of the Bureau of Engineering, for the year ending June 30, 1935, contained a list of five additional original permits which were issued by the department during that year, a list of four permits which were revoked on December 4, 1934, and corrections to the list appearing in the 1934 report.

During the past fiscal year, two additional original permits to maintain physical connections at the establishments listed below were issued by the Department upon recommendations by the water supply officials concerned and certifications by local health authorities, having jurisdiction, that the installations satisfy the requirements of Chapter 13 of the New Jersey State Sanitary Code.

NAME OF MUNICIPALITY	NAME OF OWNER	PUBLIC POTABLE WATER SUPPLY	UNAPPROVED WATER SUPPLY	NUMBER AND SIZE OF CONNECTION
Long Branch West Orange	Monmouth Memorial Hospital Association Montclair Golf Club	Monmouth Consolidated Water Company Commonwealth Water Company	Deep Well Well	1-4" 1-4"

One hundred and forty-six renewal permits to continue to maintain physical connections were issued for one year, beginning April 1, 1936, upon recommendation of the water supply officials concerned and certifications by local health authorities having jurisdiction. This number represents all of the original permits which have been continued by the Department with the exception of one which was first issued on June 9, 1936, and one, the owners of which contemplated discontinuance within a short time.

In November, 1935, the State Department of Health, co-operating with the Health Officer of Lakewood Township and the Lakewood Water Company, investigated and found five physical connections between the public potable water supply system of the aforementioned water company and private unapproved water supplies in Lakewood Township, existing upon the premises of hotels, a hospital and business establishments in violation of the provisions of Chapter 13 of the State Sanitary Code.

At a meeting of the New Jersey State Department of Health, held on December 10, 1935, the matter was reported and it was voted to request the Local Board of Health of Lakewood Township to move for the enforcement of the provisions of Chapter 13 of the State Sanitary Code. At a meeting of the Department on June 9, 1936, it was reported that the Health Officer of Lakewood Township and the Lakewood Water Company had advised that the physical connections existing in violation of the provisions of Chapter 13 of the State Sanitary Code, had been abated.

NO. 8. THE ISSUANCE OF LICENSES TO OPERATORS OF WATER PURIFICATION AND/OR TREATMENT PLANTS AND SEWAGE TREATMENT PLANTS

In accordance with the provisions of Chapter 23, P. L. of 1918, and the Rules and Regulations governing the issuance of licenses which were adopted under the authority granted by the aforesaid act, examinations for licenses to operate water purification and/or treatment plants and sewage treatment plants were given on October 24, 1935, and April 23, 1936. The following table shows for each examination for each class or grade of license for water purification and/or treatment plant and sewage treatment plant, the number of applicants, the number of applicants ac-

cepted for the examination, the number of examinations taken, and the number of licenses issued:

	Number of Applicants, Oct., 1935	Number of Applicants, April, 1936	Number of Applicants Accepted, Oct., 1935	Number of Applicants Accepted, April, 1936	Number of Applicants Examined, Oct., 1935	Number of Applicants Examined, April, 1936	Number of Licenses Issued, Oct., 1935	Number of Licenses Issued, April, 1936
<i>Sewage</i>								
Grade A	6	11	4	9	3	8	1	4
" B	3	4	2	4	2	4	1	3
" C, Division 1	2	0	2	0	1	0	0	0
" C, Division 2	0	0	0	0	0	0	0	0
" C, Division 3	0	0	0	0	0	0	0	0
" D, Division 1	1	2	1	2	0	2	0	2
" D, Division 2	1	1	1	1	1	1	1	0
" D, Division 3	0	0	0	0	0	0	0	0
" E	1	1	1	1	1	1	1	1
" F	0	1	0	1	0	1	0	0
" G	2	2	2	2	0	1	0	0
" S	2	4	2	4	2	4	1	3
Total for each examination	18	26	15	24	10	22	5	13
Total for year	44		39		32		18	
<i>Water</i>								
First Class	1	2	1	2	1	2	0	2
Second Class	1	6	1	6	1	4	0	2
Third Class	1	1	1	1	1	1	1	0
Fourth Class	8	13	8	13	6	12	6	10
Total for each examination	11	22	11	22	9	19	7	14
Total for year	33		33		28		21	
Combined total for year (Water and Sewage) ..	77		72		60		39	

The percentage of the number of applicants who were accepted for the examination 93.50%

The percentage of the applicants examined to whom licenses were issued 65.00%

No "Prior-to" licenses were issued in accordance with the provision contained in Section 2 of Chapter 23, P. L. of 1918.

As is described elsewhere in this report, the Borough of Little Ferry was penalized for the violation of the provisions of Chapter 23, P. L. of 1918, as a result of a suit brought in the District Court. This case is unique in its being the first one tried in a District Court. Inasmuch as the procedure in the District Court is less time consuming, it is believed that by bringing suits in this court, violations of Chapter 23, P. L. of 1918 will be minimized in severity and number.

No. 9. INTERSTATE CARRIERS

During the fiscal year ninety-five certificates were issued upon thirty-three public and four private water supply systems. These certificates were issued to the following:

MUNICIPALITY	OWNER	INTERSTATE CARRIER
Asbury Park	Municipality	New York & Long Branch Railroad Company
Atlantic City	Municipality	Pennsylvania-Reading Seashore Lines Sun Oil Company
Atlantic Highlands	Municipality	Boston, New York & Southern Steamship Company Central Railroad Company of New Jersey
Bay Head Junction	New York & Long Branch Railroad Company	New York & Long Branch Railroad Company Pennsylvania Railroad
Bayonne	North Jersey District Water Supply Commission	Tide Water Associated Transport Corporation Standard Shipping Company Standard Oil Company of California Sun Oil Company Standard Oil Company Pennsylvania Shipping Company Pan American Foreign Corp. Pan American Steamship Company Pan American Navigation Co. American Tankers Corporation American Tankers Corporation of Delaware
Beach Haven	Municipality	Pennsylvania Railroad
Bordentown	Municipality	Pennsylvania Railroad Central Railroad Company of New Jersey
Bridgeton	Municipality	Central Railroad Company of New Jersey Pennsylvania-Reading Seashore Lines
Camden	Municipality	Reading Company Pennsylvania-Reading Seashore Lines Staten Steamship Company
Cranford	Plainfield Union Water Company	Central Railroad Company of New Jersey
Dunellen	Central Railroad Company of New Jersey	Central Railroad Company of New Jersey
Trenton Point	Elizabethtown Water Company, Cons.	Shelburn Navigation Company

Freehold	Municipality	Central Railroad Company of New Jersey
Weehawken	Hickensack Water Company	New York Central Railroad Company New York, Ontario & Western Railroad Company
Dumont	Hickensack Water Company	New York Central Railroad Company
Rutherford	Hickensack Water Company	Lake Tankers Corporation
Edgewater	Hickensack Water Company	Ford Motor Company Berle & St. Laurence Corp. Associated Oil Company
Jersey City	Municipality	Erie Railroad Company Union Sulphur Company Lehigh Valley Railroad Company Ore Steamship Corporation Central Railroad Company of New Jersey New York Central Railroad Company Pennsylvania Railroad American Cardinal Steamship Corp.
Hoboken	Jersey City	Delaware, Lackawanna & Western Railroad Company Seastrain Lines, Inc.
Keansburg	Municipality	Keansburg Steamboat Company
Keyport	Municipality	Keansburg Steamboat Company
Lambertville	Lambertville Water Company	Pennsylvania Railroad
Long Branch	Monmouth Consolidated Water Company	Pennsylvania Railroad
East Long Branch:	Monmouth Consolidated Water Company	Central Railroad Company of New Jersey
Sewaren	Middlesex Water Company	Pennsylvania Shipping Company Sun Oil Company Standard Oil Company
Carteret	Middlesex Water Company	Standard Shipping Company Petroleum Navigation Company Pan American Foreign Corporation
Millville	Millville Water Company	Pennsylvania-Reading Seashore Lines

MUNICIPALITY	OWNER	INTERSTATE CARRIER
Newark	Municipality	Lehigh Valley Railroad Company Eastern Air Lines United Air Lines Transport Corp. Western Air Lines Company American Airlines, Inc. Transford Corporation American Eagle Owners American Tankers Corporation of Delaware Suffden & Christenson Central Steamship Company of New Jersey Nelson Tankers Corporation American Tankers Corporation Suffden & Christenson Transcontinental & Western Air, Inc. Suffden & Christenson American Steamship Company Mystic Steamship Company Wilmore Steamship Company
Kearny	North Jersey District Water Supply Commission	
Paulhoro	Vacuum Oil Company	Vacuum Oil Company Standard Shipping Company Pennsylvania Shipping Company Lake Tankers Corporation Suffden & Christenson, Inc. Pan American Foreign Corporation American Cardinal Steamship Co. Pennsylvania-Reading Seashore Lines Socoy-Vacuum Oil Company, Inc.
Penus Grove	Penus Grove Water Supply Company	
Perth Amboy	Municipality	Pennsylvania Railroad Lehigh Valley Railroad Company Central Railroad Company of New Jersey
Phillipsburg	Peoples Water Company	Sanatorium Association of Philadelphia Pennsylvania Railroad Sun Oil Company
National Park (Red Bank)	Sanatorium Association of Philadelphia	
South Amboy	Municipality	Pennsylvania Railroad Pochontas Steamship Company Lake Tankers Corporation
Trenton	Municipality	
Wildwood	Municipality	Pennsylvania-Reading Seashore Lines

No. 10. ESTABLISHMENT OF FACTORIES ON WATERSHEDS

During the year, under the provisions of Chapter 280 of the P. L. of 1921, the following applications were approved for the construction of industrial plants upon watersheds in the State:

Park Ridge (Park Ridge Knitting Mills, Inc.)—factory for the manufacture of sweaters.

Garwood (Southport Chemical Company)—factory for the manufacture of ointments, powders, suppositories, creams, lotions, shoe whitening, etc.

Garwood (Carbogen Chemical Company)—factory for the manufacture of synthetic resin varnish.

No. 11. SCHOOL SUPPLIES

Six hundred and eighty-eight samples of water have been examined in the laboratory from school water supplies in the State during the year and copies of the results of these examinations have been sent to the local school boards, as well as the State Board of Education, through this Bureau, with comments where necessary as to the purity of the supplies.

TABLE 36. 12—DESCRIPTIVE DATA OF PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY AS OF JUNE 30, 1936

NAME OF SUPPLY, OWNER, AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	OTHER SOURCES AVAILABLE FOR EMERGENCY	TREATMENT (SEE KEY)	PREVIOUS NAMES OF SUPPLY
Alendale (Municipality)	2 driven wells, 450-500'		None	
Allenhurst (Municipality)	3 driven wells, 550'		I-a, fp, l	
Allentown (Municipality)	Indian Run, Spring Pond, tributary to Doctor's Creek		P-cl, s, fs, cl	
Andover (Municipality)	1 driven well, 48' 8"	1 repaired well, 1,000'	None	
Ashbury Park (Municipality) (Norwauk Twp., part)	3 driven wells, 1,132'		I-a, s, fp	
Association of Property Owners (Gillotte Section of Passaic Twp.)	1 driven well, 410'		None	
Atlantic City (Municipality)	13 driven wells, 100-375'; im- pounding reservoir on Ab- secon Creek	Burgaintown Pond at Pleasantville	P-cl a (part)	Collette Water Company and Mutual Realty Company
Atlantic County Water Company (Linwood (Northfield) (Parsippany) (Somers Point)	2 driven wells, 118' at Somers Point 2 driven wells, 125' at Pleasantville		P-pe, cl for emergency supply	
Atlantic Highlands (Municipality) (Middletown Twp., part)	2 driven wells, 130-303'		I-a, fp	
Avaton (Municipality)	1 driven well, 925'	2 driven wells, 960'	P-cl (part)	
Avon (Municipality)	2 driven wells, 5-a'	1 driven well, 1,160'	None for regular source I-a, fp for emergency	
Barnegat City (Municipality)	1 driven well, 610'		None	
Barnegat Water Company (Barnegat Section of Union Twp.)	2 driven wells, 150-152'		None	
Barley, A. H. (Mount Olive Twp., part of Bartley Section)	Spring		None	
Bassett Park Association (Bassett Park Section of Mine Hill Twp.)	1 driven well, 102'		None	
Beach Haven (Municipality)	3 driven wells, 575-615'		I-a, fp	
Beach Haven Crest (James McMurray) (Beach Haven Crest, part)	1 driven well, 540'		None	
Beaver Brook Water Company (Lebanon)	Buy's water from Clinton Water and Water Supply Company		None	
Belmar (Municipality) (South Belmar) (Wall Twp., West Belmar Section)	10 driven wells, 650'		None	
Berlin (Municipality) (Berlin Twp., part)	4 driven wells, 76-300'		None	
Bernards Water Company (Bernardsville) (Bernards Twp., Basking Ridge Section)	Passaic River (Osborne's Pond)		P-cl, s, fs and ss, cl, an	
Blackwood Water Company (Gloucester Twp., Blackwood Section)	1 driven well, 330'	2 driven wells, 35'	P-cl	
Blair Water Company (Blairtown)	2 driven wells, 300'		P-cl	
Bloomsbury (Municipality)	Mountain Springs	Muse netcong River	P-cl, s, fp, c	

TABLE No. 12.—DESCRIPTIVE DATA OF PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY AS OF JUNE 30, 1936—Continued

NAME OF SUPPLY, MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	OTHER SOURCES AVAILABLE FOR EMERGENCY	TREATMENT (SEE KEY)	PREVIOUS NAMES OF SUPPLY
Bogota Water Company (Bogota)	1 driven well, 180'		None	United Water Supply Com- pany
Boonton (Municipality) (Boonton Twp., part)	Stony Brook 2 driven wells, 88-43'		P-am, cl	
Boonton (Municipality) (Boonton Twp., part) (Sells water to White Horse Water Company)	20 wells, 15 springs; 37 catch basins and manholes on lines		P-cl	
Bonded Brook Water Company (Bridgewater Twp., part) (Middlesex Boro., part) (South Bound Brook)	East and West Branches of Middle Brook at Chimney Rock	20 driven wells, 125-150'	P-obl (n—if necessary), s, fr, l, am, cl	
Branchville (Municipality)	Dry Brook—Spring overflows	Spring Brook Pond	P-cl, am	
Bridgton (Municipality)	West Branch of Cohansay River	Buy water from Fairbanks- Morse Water Company	P-cl, chl, am, sm, frs, cl	
Bridgewater Water Company (Bridgewater)	1 driven well, 41'	2 driven wells, 40'	None	
Brielle (Municipality)	1 driven well, 100'		None	
Brigantine City (Municipality)	1 driven well, 820'		None	
Brooklawn (Municipality) (Crescent Park Section of Bellmawr)	2 driven wells, 125-165'	1 driven well, 785'	None	
Browns Mills Land Company, The (Pemberton Twp., Browns Mills Section)	2 driven wells, 225-300'		None	
Brookton Springs Water Company (Belvidere)	Runchorn Creek 2 driven wells, 81-92'		P-am, cl (surface)	Belvidere Water Company

Burlington (Municipality) (Springdale Section of Burlington Township)	Delaware River		cl, am frs, cl (n—if necessary), s,	
Burlington (Municipality) (Burlington Twp., part)				
Builer (Municipality) (Bloomington) (Pompton Lakes) (Riverside) (Winnaque)	Alphawa and Kitecut Brooks		P, am, cl	Butler Water Company Mountain Service Water Com- pany New Jersey Water Service Company
Califon Water Company (Califon)	3 springs		P-cl	
Canden (Municipality)	9 driven wells at Morris Station 11 driven wells in city 5 driven wells at Puchack Station 1 spring 2 wells, 20-24'	103 driven wells at Delair Station	None	
Camp Meeting Association of Newark Conference, M. E. (Hanover Twp., Mt. Tabor Section)	2 wells, 20-24'		P-cl	
Cape May (Municipality) (South Cape May) (West Cape May) (Lower Twp., part)	13 driven wells, 36-512'		P-cl	
Cape May Point (Municipality) (Lower Twp., part)	1 driven well, 610'		P-cl	
Chatham (Municipality)	6 driven wells, 125-150'		None	
Chatham Colony Association (Floral Hill Section of Chatham)	1 driven well, 276'		None	
Chester Township (Municipality) (Maple Shade Section)	3 driven wells, 110-120'		I + P-l, a, s, fr, cl	Maple Shade Water Company
Clayton (Municipality)	1 driven well, 100'		I, a, n	Clayton-Glassboro Water Company
Clementon (Municipality) (Clementon) (Plus Hill)	6 driven wells, 165-247'		None	

TABLE No. 12.—DESCRIPTIVE DATA OF PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY AS OF JUNE 30, 1896.—Continued

NAME OF SUPPLY, OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	OTHER SOURCES AVAILABLE FOR EMERGENCY	TREATMENT (SEE KEY)	PREVIOUS NAMES OF SUPPLY
Crosswicks Water Company (Crosswicks Section of Chesterfield Twp.)	Spring Collecting Drains		None	
Delaware River Water Company (Beverly)	13 driven wells, 75-80'		P-cl	
Delanco Twp. (Delanco Twp.) (Edgewater Park Twp.) (Riverside Twp.)	2 driven wells, 147-150'		None	
Dover (Municipality)	3 driven wells, 67-200' Springs		P-cl (ann for springs)	
Dugan, Edward J. and Laura (Sparta)	1 spring		None	Dr. H. T. Andrus A. Foulds
E. I. du Pont de Nemours and Co. (Haskell Section of Wanque)	2 wells, 25-30'		None	
E. I. du Pont de Nemours and Co. (Lawrence Village and Carney's Twp. Sections of Upper Penns Neck Twp.)	3 driven wells, 200-250'		P-cl (for No. 3 well)	
E. I. du Pont de Nemours and Co. (Gibbstown Section of Greenwich Twp.)	1 driven well, 96'		None	
East Greenwich Twp. (Municipality) (Clarksboro, Mt. Royal and Mickleton Sections)	1 driven well, 200'		None	
East Orange (Municipality)	12 driven wells, 125-300'		None	
Egg Harbor City (Municipality) (Galloway Twp., part)	2 driven wells, 410-440'		1 ± P-a, s, fn, cl	

Echler, August (East Greenwich Twp., part (Mickleton Section)	1 driven well, 176'		None	
Elizabeth Water Company (consolidated (Clark Twp.) (Dunellen) (Dunellen part) (Hulda Twp.) (Linden) (Union Twp.)	Milstone or Hardtan River Hannock Station; 50 driven wells, 100-500' Springfield Station, 195-700' Pleasantway Station; 13 driven wells, 125' Watching Station; 8 driven wells, 125-210'		Surfaces: P-cl, am, s, ch, s (if necessary), d, frs, cl Wells: all stations P-cl	Watching Water Company (part of present supply)
Elmer Water Company (Elmer)	2 driven wells, 62-73' 1 driven well (old)		None	
Essex Falls (Municipality) (Essex Falls) (North Caldwell) (West Caldwell) (Verona) (Roseland)	11 driven wells, 36-296'		P-cl	
Evans, Charles N. (Lincoln Park, Hill Section)	3 driven wells, 49-250'		None	
Fairbanks-Morse Company (Bridgton)	2 driven wells, 70-95'		s-(CO ₂ removal)	
Fairlawn (Municipality)	5 driven wells, 310-325'		P-cl	
Farmingdale (Municipality) (Ilovel Twp., part)	1 driven well, 480'		None	
Flemington Water Company (Haritan Twp., part)	2 driven wells, 405' 4 springs South Branch of Haritan River	1 driven well	P-cl (springs) (ch, frs, cl, surface)	West Monmouth Water Company
Florence Twp. (Municipality)	2 driven wells, 118-124'		P-a, cl	
Floham Park (Municipality) (St. Hanover Twp., part)	2 driven wells, 46'		None	
Fortescue Water Company (Fortescue Section of Downs Twp.)	1 driven well, 306'		None	

TABLE No. 12—DESCRIPTIVE DATA OF PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY AS OF JUNE 30, 1936—Continued

NAME OF SUPPLY, MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	OTHER SOURCES AVAILABLE IN EMERGENCY	TREATMENT (SEE KEY)	PREVIOUS NAMES OF SUPPLY
Franklin Water Company (Franklin)	Franklin Pond, fed by Wall- kill River and Black Brook		P, ch, d, s, frs, cl, sm	New Jersey Zinc Company
Freehold (Municipality)	9 driven wells, 200'		None	
Frenchtown Water Company (Frenchtown)	1 driven well, 280'		P-cl	
Garfield (Municipality) (East Paterson) (Seattle River Twp.)	15 driven wells, 350-400'		P-cl	
Garrison, Capt. Herbert (Norwauac)	1 driven well, 285'		None	Imndermark Hotel Corp.
Glassboro (Municipality)	1 driven well, 604'		P-cl	Clayton-Glassboro Water Company
Glen Gardner Water Company (Glen Gardner)	Springs		None	
Gloucester (Municipality)	7 driven wells, 91-180'		I + P-n, s, fr, cl	
Gold Mine Manor Water Company (Gold Mine Manor Section of Budd Lake)	2 springs		P-cl	
Gravely Water Supply Company (Far Hills) (Bedminster)	Digs water from Gladstone- Penack		P-cl (emergency)	Bateman Manufacturing Company, Realty Company, Bateman & Company, Inc., Grenloch & Company, Inc., Grenloch Real Estate Company
Greenwich Twp. (Municipality) (Gibbstown Section)	1 driven well, 100'			
Grenloch Water Company (Grenloch Section of Gloucester Twp.)	2 driven wells, 100'		P-cl	

Group, Andrew (White Horse Section of Hamilton Twp.)	1 driven well, 63'		None	
Hackensack Water Company (New Milford) (Albino) (Bergensfield) (Bogota) (Cherry Hill) (Cliffside Park) (Closter) (Cresskill) (Demarest) (Dumont) (East Rutherford) (Edgewater) (Emerson) (Englewood) (Fairview) (Fairview Hills) (Fort Lee) (Guttenberg) (Hackensack Park) (Harrison) (Hackensack Heights) (Harvorth) (Hilldale) (Leonia) (Little Ferry) (Lodi Borough) (Lodi Borough) (Lodi Borough) (Moonachie) (North Bergen) (Norwood) (Norwood) (Oradell) (Palisades Park) (Paramus) (Ridgefield) (Ridgefield Park) (River Edge) (Rivervale) (Rochelle Park Twp.) (Rutherford) (Teaneck) (Teaneck) (Teterboro)	Hackensack River		P-cl, cb, d, s, frs, l, cl	

TABLE No. 15—DESCRIPTIVE DATA OF PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY AS OF JUNE 30, 1938—Continued

NAME OF SUPPLY, OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	OTHER SOURCES AVAILABLE FOR EMERGENCY	TREATMENT (SEE KEY)	PREVIOUS METHODS OF SUPPLY
Rockaway Water Company—Con. (Union City) (Washington Twp.) (Weehawken) (Westwood) (Westchester York) (Woodclife Lake) (Wood-Ridge)	Mine Brook Mine Hill Brook Spring		P-cl	
Hackettstown (Municipality) (Hackettstown Twp., part) (Washington Twp., part)	4 driven wells, 2.8-268'	1 driven well, 218'	a	
Randolph (Municipality) (Trenton)	Tributary of Passaic River		P-1a, cl, cb, d, s, tra, am, cl	
Irishton (Municipality) (North Irleton) (Paterson, part) (Wayne Twp., part)	3 driven wells, 68-103'		P-cl	
Hamburg (Municipality)	3 driven wells, 150-217'		None	
Hamilton Square Water Company (Hamilton Twp., Hamilton Square Section)	3 driven wells, 313-320'		None	
Hammonton (Municipality)	2 driven wells, 350-500'		None	
Harvey Cedars (Municipality)	2 driven wells, 140-341'		None	
Harvey Water Company (Wrightstown)	10 driven wells, 350'		P-cl (emergency)	Wrightstown Water, Electric Light and Sewer Company
Haverhorne (Municipality) (Wyckoff Twp., part) (Glen Rock, part)	1 dug well, 26'			
Helm Company, Geo. W. (Irvineth)	1 tube well, 30'	1 dug well		

NAME OF SUPPLY, OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	OTHER SOURCES AVAILABLE FOR EMERGENCY	TREATMENT (SEE KEY)	PREVIOUS METHODS OF SUPPLY
Hendecrot, J. Blair (Sparta)	Spring		None	
High Bridge (Municipality) (Paylor Wharton Iron and Steel Company) (Central R. R. of N. J.)	Willoughby Brook 1 driven well, 200'	McCatharan Spring 2 driven wells, 63-100'	P-am, cl (surface)	
Highlands (Municipality)	3 driven wells, 165-500'		I-a, f, ss	
Hightstown (Municipality)	6 driven wells, 200'		I-a, l, fp	
Hoffman, W. A. (Budd Lake Section of Mt. Olive Twp.)	3 wells, 18'		None	
Hopewell (Municipality)	2 driven wells, 216-251'		None	
Hulase, Estate of Aaron S. (Budd Lake Section of Mt. Olive Twp.)	1 driven well, 224'		None	
Ideal Beach Water Company (East Kearsburg)	2 driven wells, 100-105'		I-a, f, ss	
Irrington (Municipality)	2 driven wells (auxiliary supply)		None	
Island Heights (Municipal)	2 driven wells, 805'		a	
Jamausburg Water Company (Jamausburg)	3 driven wells, 70-128'		None	
Jersey City (Municipality) (North Centwell, part) (Lincolnton) (Lyndhurst Twp.) (North Arlington Twp.) (Ellis Island, N. Y. Harbor) (New York, New Jersey, Island) (Bayonne, in emergency)	Rockaway River		P-1a, cl	
Junction Water Company (Hampton)	Rocky Run, 12 springs and 1 driven well, 327'		P-cl	
Kearsburg (Municipality)	2 driven wells, 364'		I-a, l, fp	
Keypoint (Municipality)	4 driven wells, 240-296'	1 driven wells	I-a, tra	Kearsburg Water Company

TABLE No. 12.—DESCRIPTIVE DATA OF PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY AS OF JUNE 30, 1936—Continued

NAME OF SUPPLY, MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	OTHER SOURCES AVAILABLE FOR EMERGENCY	TREATMENT (SEE KEY)	PREVIOUS NAMES OF SUPPLY
Kingston Water Company (Franklin Twp., Kingston Section)	1 driven well, 83'	1 driven well, 1,020'	P-cl	Wm. J. Flemer
Lakehurst (Municipality)	1 shallow well, 40' Buys water from Laurel Springs Water Company	None	None	Lakehurst Sewer Company
Lakeside Water Company (Kirkwood Section of Voorhes Twp.)	Spring (Distribution gallery) 2 driven wells, 615'	4 shallow wells 1 driven well, 615'	P-cl (all except 1 well)	
Lakewood Water Company (Lakewood) (Howell Twp., part)	1 driven well, 168'		P-cl	
Lakeside Heights Water Company (Washington Twp., Lakeside Heights Section)	Swan Creek	2 driven wells	P-ps, fcs, cl, am	
Lambertville Water Company (Lambertville)	6 driven wells, 90-138'		P-cl	
Laurel Springs Water Company (H. Meigs) (Laurel Springs)	Buys water from Borough of Sayreville			
Lindenwood (Magnolia) (Somerdale) (Stratford)				
Laurance Harbor Heights Water Company (Madison Twp., Laurance Harbor and Morgan Beach Sections)	Buys water to Lakeside Water Company for distribution at Kirkwood			
(Supplies water to Cliffwood Beach Water Company)				
Lavallette (Municipality)	2 driven wells, 1,138-1,522'		P-cl	
Lawrenceville Water Company (Lawrence Twp., Lawrenceville Section)	2 driven wells, 110-250'		P-cl	
Lincoln Park Water Company (Lincoln Park, part)	1 driven well, 184'		None	
Lodi (Municipality)	5 driven wells, 304-522'		None	
Long Beach Water Company	2 driven wells, 617-640' at Beach Javva Terrace	1 driven well, 576' at Drant Beach	I-a, fp	Fidelity Land Company, Beach Haven Terrace Water Company Brant Beach Water Company Black Haven North Company
Longport (Municipality)	Buys water from Margate City	1 driven well, 860'	None	
Long Valley Water Company (Washington Twp., Long Valley Section)	Spring fields and underdrains		P-cl	German Valley Water Company
Longtown Water Company (Phillipsburg, part) (Harmony Twp.) (Lopatcong Twp.)	Merrill Brook		P-cl	
Lumberton Light Water and Sewerage Company (Lumberton Twp.)	1 driven well, 404'		None	
Madison (Municipality)	11 driven wells, 86-160'		None	
Mahwah Water Company (Hobokus Twp., Mahwah Section)	7 driven wells, 89-635'		None	
Manasquan (Municipality) (Manasquan) (Wall Twp., part)	6 driven wells, 80-150'		None	
Manuta Water Company (Manuta Twp.)	2 driven wells, 204-206'		P-cl	Cragnere Water Company
Manville (Municipality)	7 driven wells, 110-125'		P-cl	
Margate City (Municipality) (Longport)	3 driven wells, 815'		None	Job Scott Supply

TABLE No. 12—DESCRIPTIVE DATA OF PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY AS OF JUNE 30, 1936—Continued

NAME OF SUPPLY, OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	OTHER SOURCES AVAILABLE FOR EMERGENCY	TREATMENT (SEE KEY)	PREVIOUS NAMES OF SUPPLY
Marion Water Company (Marion)	2 driven wells, 212-237'		None	
Matwan (Municipality)	3 driven wells, 200-325'		I-a, fs	
Mays Landing Water Power Company (Mays Landing Section of Hamilton Twp.)	1 driven well, 215' 4 driven wells, 100-170'	2 driven wells, 211-248' Lake Lenape	None P-cl (for emergency supply)	
McGalliard, Edw. T. (White Horse Section of Hamilton Twp.)	1 driven well, 170'		None	
McGalliard, W. V., Estate of (White Horse Section of Hamilton Twp.)	2 driven wells, 175-253'		None	
Medford Water Company (Medford Twp.)	1 driven well, 538'	Rancoosa Creek	P-cl (for emergency supply)	
Monham (Municipality) (Mendham Twp., part)	4 springs Indian Brook, tributary of North Branch of Raritan River		P-fss for Brook, cl, am for all	
Merchantville—Pennsauken Water Company (Merchantville) (Pennsauken Twp., part) (Delaware Twp., part) (Camden, part)	13 driven wells, 75-227'	8 driven wells	I-a, f	Merchantville Water Company
Middlesex Water Company (Yonkers Twp.)	17 driven wells, 300' deep at Park Ave., Plainfield		P-cl (well supplies) P-cb, s, frs, cl	
Milford (Clark Twp.) (Metuchen) (Marlton Twp.) (South Plainfield) (South Plainfield Water Company)	11 driven wells, 300' deep at South Plainfield Robinson's Branch of Rah- way River at Highway			
Milville (Municipality)	0 driven wells, 100'		None	Peoples Water Company
Milville Water Company (Milville)	Union Lake (Maurice River) 5 driven wells, 135-100'	2 driven wells	P-cb, s, frs, cl for surface supply	
Milford (Municipality)	1 driven well, 98' 1 circular well, 20 x 15.6'		P-cl	Mine Springs Water Company Tintern Manor Water Company
Monmouth Consolidated Water Com- pany (Asbury Park, part) (Neptune Twp., part) (Bradley Beach) (Deal) (Deal) (Interlaken) (Fair Haven) (Long Branch) (Long Branch) (Gladstone Twp.) (Neptune City) (Ocean Grove) (Ocean Twp.) (Deal Bank, part) (Hudson) (Sea Bright) (Newbury Twp.) (West Long Branch)	Swimming River (Yellow and Top Brooks), impounded at Newman Springs Station Whalepond Brook Impounded at West Long Branch Sta- tion Jumping Brook Impounded at Neptune Township Station	Shark River at Neptune Twp.	Newman Springs Station: P-cb (17), s, frs, cl West Long Branch Station: P-cb, s, fp, cl Jumping Brook Station: P-cl, chd, s, fp, cl	
Monroe Twp. (Municipality) (Williamstown Section)	2 driven wells, 610-981' at Whitesville Station	10 driven wells, 450-850' at Ocean Grove	Whitesville Station: I—P-a, l, s, f, cl	
Moretowns Twp. (Municipality)	2 driven wells, 102-114'		None	Tice Supply Monroe Township Water Company
Moretowns Twp. (Municipality)	5 driven wells, 250-403'		I-a, s, frs, l	

TABLE No. 12—DESCRIPTIVE DATA OF PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY AS OF JUNE 30, 1936—Continued

NAME OF SUPPLY, OWNER, AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	OTHER SOURCES A EMERGENCY	TREATMENT METHODS (SEE KEY)	PREVIOUS NAMES OF SUPPLY
Morris and Sussex Water Service (Lake Hogsme Section of Mt. Arlington) (Lake Hopatcong, Hopatcong Park Section, Blym Cove)	1 driven well, 100' deep at Brookside 1 driven well, 231' deep at Hopatcong Park		None	
Morristown (Municipality) (Hillmanover Twp., part) (Harding Twp., part) (Hillsdale Twp., part) (Mendham Twp., part)	Harmony Brook impounded at Brookside 8 driven wells at Normandy Hills Spartan Springs at Spring Springs at Jones Woods 2 driven wells, 204-230'	1 well, 20' deep and 1 shallow well at Spartan Springs Sta- tion	P-ps, l, cl, am for Brookside	Morris Aqueduct Company
Mountain Heights Water Company (Lincoln Park)	5 driven wells, 60-480'	Creeks connected to Bonton Water Department	P-l, cl	Hillcrest Water Company
Mountain Lakes (Municipality) (Parishpany-Troy Hills Twp., part)	2 driven wells, 840-880'	Rancocas Creek	P-a, s, frs, cl-algae control	
Mount Holly Water Company (Holly Twp., part) (Hahnsport Twp., part) (Lumberton Twp., part)	1 driven well, 214'		None	
Mountain View Water Company (Mountain View)	2 driven wells, 100-120'		None	
National Park (Municipality) (West Deptford Twp., Red Bank Section)	1 driven well, 278'		None	
Neptunus Water Company (Cape May Court House Section of Middle Twp.)	2 shallow wells, 24-27'		None	Cape May Court House Water Department
Netcong (Municipality)	3 driven wells, 20-110'	Springs	None	

Newark (Municipality) (Bellevue) (Bloomfield) (Elizabeth, part) (Hudson, part) (Linden, part) (Linden Park) (Linden Twp., part) (North Brunswick Twp.)	Piquanock River and buys water from New Jersey District Water Supply Com- mission Lawrence Brook		P-ps, cl, am	
New Brunswick (Municipality) (Franklin Twp., part) (Highland Park) (Linden Twp., part) (North Brunswick Twp.)	1 driven well, 200'		P-cl, a, cl, s, frs, cl, am	Murbeck Realty Company Haddon Township Water Department
New Brunswick Water Company (Irahan Twp.)	1 driven well, 285'		None	
New Egypt Light, Heat, Power and Water Company (Plumstead Twp., New Egypt Section)	2 driven wells, 183'		P-cl	
New Jersey Conference Camp Meeting Association (Pitman, part) (Rancocas Twp., Pitman Grove Sec- tion)	Camden Division: 23 driven wells, 40-184'		P-cl	Stockton Water Company
New Jersey Water Company (Haddon Heights) (Haddon Heights) (Barrington) (Camden, part) (Cliffside, part) (Cliffside Twp., part) (Haddon Twp., part) (Mt. Ephraim) (Oaklyn) (Parsippany Twp., part) (Rumors Twp., Ashland Terrace Section)	Haddon Heights 6 driven wells, 200-408'	4 driven wells at Camden Station	Camden Division: None Haddon Heights Division: I-a, fp, for 5 of the wells	

TABLE No. 12.—DESCRIPTIVE DATA OF PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY AS OF JUNE 30, 1936—Continued

NAME OF SUPPLY, OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	OTHER SOURCES AVAILABLE FOR EMERGENCY	TREATMENT (SEE KEY)	PREVIOUS NAMES OF SUPPLY
New Jersey Water Service Company (Harrison)	Buys water from Passaic Valley Water Commission		None	
New Orange Park Water, Hent, Light and Fire Companies (New Orange Park Section)	1 driven well, 275'		P-ss, cl	
Newton (Municipality)	Morris Lake Springs		None	
Nicholas, H. R. H. (Mt. Olive Twp., Flanders Section)	Wanaque River		P-ss, cl, am, l	
North Jersey District Water Supply Commission (Bayonne) (Elizabeth, part) (Glen Ridge) (Montclair) (Newark, part) (Passaic Valley Water Commission)			None	
Oakland (Municipality)	2 driven wells, 85-185'		None	
Oler, Chas. C. (Newfield)	1 driven well, 28'		None	
Ocean City Water Service Company (Ocean City)	7 driven wells, 805-840'		P-cl (for 1 well)	Ocean City Water Company
Ocean County Water Company (Bay Head) (Bay Head, part) (Manaloking)	Bay Head District: 4 driven wells, 635-890' Manaloking District: 3 driven wells, 700-1,000' 1 driven well, 860'	3 driven wells in Manaloking District about 1,000' deep	P-cl	Artesian Water Company Bay Head Water Company
Ocean Gate Water Company (Ocean Gate)			None	Great Eastern Building Corp. New Jersey Coast Water Great Eastern Building Corp.

Ogdensburg (Municipality)	Spring Brook		P-cb, fp, cl	
Orange (Municipality) (West Orange, part)	West Branch of Rahway River	3 driven wells and springs	P-cn, fp, cl, am	
Orchard Terrace Water Company (Edinboro)	1 driven well, 225'		None	A. Z. Schultz
Owens Illinois Glass Company (Bridgeton)	2 driven wells, 95-108'		None	
Park Ridge (Municipality) (Montvale) (Woodcliff Lake) (Riverdale, part)	4 driven wells, 200-302'		P-cl (for one well, No. 2)	
Parsippany Water Company (Parsippany Twp., Hills Twp.)	1 driven well, 282'		None	
Passaic Valley Water Commission (Paterson) (Paterson, part) (Prospect Park)	Passaic River, Buys water from North Jersey District Water Supply Commission		Passaic River: P-c, s, fs + p, cl Wanaque Supply: P-cb, am, manganese to be moved, manganese and microorganisms	Montclair Water Company Passaic Consolidated Water Company
Paulboro (Municipality)	2 driven wells, 65-105'		None	
Peapack-Gladstone (Municipality) (Bedminster Twp., part) (Fair Hills, sells water to Gravity Water Supply Company)	Emmons Pond		P-cl, am	Bedminster Water Company
Pemberton (Municipality) (Pemberton Twp., part)	North Branch of Hancock's Creek		P-cl	
Pennington (Municipality)	3 driven wells, 155-687' 1 spring		P-cl	Pennington Spring Water Company
Pennsgrove Water Supply Company (Petrinetown, Orlman Twp., Upper Penn's Neck Twp., part)	3 driven wells, 141-102'		I-a, l, s, fs	
Peoples Water Company (Phillipsburg, part) (Phillipsburg, part) (Polatone Twp., part)	Infiltration chamber for springs		P-cl	

TABLE No. 12—DESCRIPTIVE DATA OF PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY AS OF JUNE 30, 1936—continued

NAME OF SUPPLY, OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	OTHER SOURCES AVAILABLE FOR EMERGENCY	TREATMENT (SEE KEY)	PREVIOUS NAMES OF SUPPLY
Peah Amboy (Municipality) (Sellersville Twp., Soyreville, part) (Woodbridge Twp., part) (Sells water to Piscataway Twp.) (Sells water to Middlesex Water Company) (Sells water to South Amboy, in emergency)	113 driven wells, 65-300'		I-a, fp, 1	
Pine Cliff Lake Realty Company (West Milford Twp.)	Notch Brook 5 covered springs		P-cl	
Pine Crest Improvement Association (Outlook Park Section of Budd Lake)	1 driven well, 514'	12 driven wells, 150'	None	Pittman Water Company
Pittman (Municipality)	10 driven wells, 250-500' at Netherwood	Cross-connected to 1. Linnect Station of Pittman Water Co. 2. Wells 3. Park Avenue Station of Middlesex Water Co.	P-cl	
Plainfield-Union Water Company (Plainfield Twp., part) (Cranford Twp., part) (Elizabeth, part) (Penwood) (Kenselworth, part) (Linton, part) (Mountainside, part) (North Plainfield) (Sellersville Twp., part) (Roselle) (Roselle Park) (Scott Plains Twp., part) (South Plainfield, part) (Westfield)	2 driven wells, 300' at South Plainfield			

Plainsha Park Land Company (Montville Twp., Towaco Section)	1 driven well, 200'		None	Point Pleasant Water Works Company
Point Pleasant Beach (Municipality)	7 driven wells, 148-152'		None	
Pottersville Water Company (Bridgewater Twp., Pottersville Sec- tion, part) (Towansboro Twp., part)	Cold Brook, tributary of Black River		P-cl	
Princeton Bank and Trust Company (West Windsor Twp., Berrion City and Princeton Gardens Sections)	1 driven well, 108'		None	ESATE of A. I. Berrion
Princeton Water Company (Princeton Twp., part)	5 driven wells at Stony Brook Station, 300-420' 3 driven wells at Harrison Street Station, 300-500'	3 driven wells at Stony Brook Station, 450-500'	P-cl (part)	
Prosperity Owners Cooperative Associa- tion of Middlesex County, Inc. (Helmetin, Jamesburg Section)	1 driven well, 224		None	
Prospect Point Water Company Lake (Prospect Point Section of Ligoncong in Jefferson Twp.)	1 driven well, 380'		None	Home Colony, Inc.
Railway (Municipality)	Railway River	2 capped wells	P-a, chl, s, frs, cl, am (Cl-am algae control)	
Ramsay (Municipality)	3 driven wells, 202-410'		None	
Red Bank (Municipality)	3 driven wells, 320-710'		I-a, fp, cl, am (cl, am for algae control)	
Reid, Arthur (Mt. Olive Twp., Outlook Park, Budd Lake Section)	2 springs		None	
Ridgewood (Municipality)	13 driven wells, 201-412' (5 Wortendyke Station) (8 Harrison Ave. Station) (2 Wyckoff Station)	1 well at Green Street 1 well at Ligoncong 1 well at Ridgewood Avenue	P-cl, part	Bergen Water Company
Romington, John C., Jr. (Fortescue Section of Downe Twp.)	1 driven well, 300'		None	H. D. Biew Supply

TABLE No. 12.—DESCRIPTIVE DATA OF PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY AS OF JUNE 30, 1936—Continued

NAME OF SUPPLY, OWNER'S NAME AND MUNICIPALITY SUPPLIED	SOURCE OF SUPPLY	OTHER SOURCES AVAILABLE FOR EMERGENCY	TREATMENT (SEE KEY)	PREVIOUS NAMES OF SUPPLY
Riddle, Frank (Hampton)	1 driven well, 64.5'		None	
Bluesel Paper Corporation (Inglewille Plant) (Inglewille Mill, Holland Twp.)	Brook		P-cl	
Itzel Paper Corporation (Hightstown) (Milford Mill)	7 dug wells, 40'		P-cl	Warren Mfg. Company
Itzel Paper Corporation (Warren Glen, Pointcong Twp.)	1 dug well, 22'		P-cl	
Itzel Paper Corporation, The (Awoosing Section of W. Milford Twp.)	2 driven wells, 136-365' at Awoosing		None	
Itzel Paper Corporation, Minor Section of (Lake Erskine Borough)	3 driven wells, 165-565' at Lake Erskine		None	
Riverton-Palmira Water Company (Riverton) (Chinnaminson Twp., part (Palmira)	6 driven wells and infiltration ditches		a	
Rockaway (Municipality)	1 driven well, 50'	1 driven well, 65' Delaware River	None	
Roehling's Sons Company, John A. (Florence Twp., Koching Section)	1 driven well, 196'		P-cl, s, frs, cl for emergency supply	
Sabon (Municipality) (Quinton Twp., part)	36 driven wells, 135-250' Laurel Lake		P-cl wells P-cl, s, frs, cl for surface	
Sayreville (Municipality)	Ingsy water from South Ambley		None	
Sea Girt (Municipality)	2 driven wells, 100'	1 driven well, 760'	None	
Sea Isle City (Municipality)	4 driven wells, 850-875'		None	

Seaside, Heights (Municipality) (Sumner Island)	1 driven well, 460'		P-cl (for emergency)	Seaside Heights Water Company
Seaside Park (Municipality)	3 driven wells, 290-530'		I-a, frs	
Sewall Water Company (Sewall)	2 driven wells, 80'		P-cl	
Ship Bottom-Beach Arlington (Mu- nicipality)	2 driven wells, 300-500'		None	Beach Arlington Water Company
Smith Machine Company, H. B. (Smithville Section of Easthampton Twp.)	2 driven wells, 112-175'		I-a, s, frs	
Somerville Water Company (Raritan) (Somerville)	Raritan River		P-cl, cb, s, frs, cl	
South Amboy (Municipality) (Sayreville, Morgan Heights Sec- tion)	3 driven wells, 60-35'	Bus, water from Perth Amboy in emergency	P-cl	
South Jersey Water Supply Company (Aralica Hill)	2 driven wells, 700-265'		P-cl	Harison Heights Improve- ment Company
South Orange (Municipality)	10 driven wells, 274-380'		a	
South River (Municipality) (East Brunswick Twp., part)	1 driven well, 100' 100' collecting drains, 18' deep		None	
Spring Lake (Municipality) (Spring Lake Heights)	11 driven wells, 100-710'		None	
Spring Water Company (Chester)	Spring		None	
Stamhope (Municipality)	2 driven wells, 80-90'		None	
Stewartville Water Company (Stewartville)	1 driven well, 250'		None	
Stockton (Municipality)	2 driven wells, 100'		None	
Stone Harbor (Municipality)	2 driven wells, 600'		P-cl	
Stonewall Park Association (Mt. Olive Twp., Budd Lake Sec- tion)	1 shallow well, 22'		None	Oppenheim Supply

TABLE No. 12--DESCRIPTIVE DATA OF PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY AS OF JUNE 30, 1936--Continued

NAME OF SUPPLY, OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	OTHER SOURCES AVAILABLE FOR EMERGENCY	TREATMENT (SEE KEY)	PREVIOUS NAMES OF SUPPLY
Surf City Water Company (Surf City)	1 driven well, 564'		None	
Sussex (Municipality)	Lake Rutherford Springs		P-cl	M. T. Welsh
Swackhamer, E. B. (Long Valley Section of Washing- ton Twp.)	1 driven well, 221'		None	
Swedesboro (Municipality)	3 driven wells, 48-62'		None	Westwich Water Company
Toms River Water Company (Dover Twp., Toms River Section of Dover Twp., part) (Hickory Twp., part)	Delaware River		P-cl, cl	
Trenton (Municipality) (Swing Twp., part) (Hamilton Twp., part) (Lawrence Twp., part)	1 driven well, 89'		None	
Tri-Corner Realty Company (Franklin Lakes)	Fairmount Spring on Fox Hill		P-cl	M. T. Welsh J. M. Welsh A. J. Reid
Trimmer, M. S. (Washington Twp.) (Long Valley, part)	1 driven well, 148'		None	
Tuckerton Railroad Company (Waiting Section of Manchester Twp.)	1 driven well, 487'	Ponamong Lake	P-cl (for emergency)	
Tuckerton Water Company (Tuckerton)	2 driven wells, 300'		Lo, l, s, fp	
Union Beach (Municipality) (Raritan Twp., part)	7 driven wells, 800-825'		P-cl	
Ventnor (Municipality)	1 driven well, 150'	Hancocks Creek (South Branch)	P-cl (for emergency)	
Vincetown Water Company (Vincetown Section of Mt. Holly Twp.)				

Vineand (Municipality) (Lands Twp., part)	3 driven wells, 150-220'	1 driven well, 186'. 1 well at a Klabie Glass Company	None	
Walwick (Municipality) (Hobokus, Nerburn Section) (Hobokus River, part)	3 driven wells, 275-300'		None	
Wallington (Municipality)	0 driven wells, 275-500'		P-cl	
Washington Water Company (Washington)	Roaring Rock Brook		P-cl	
Water Witch Club (Monmouth Hills)	4 driven wells, 140-225'		None	
Welshberg, Regius H. (Pennsville)	1 driven well, 35'		None	
Wenonah (Municipality)	8 driven wells, 210-276'		None	
West Jersey Water Service, Inc. (Budd Lake Section of Mt. Olive Twp.)	1 driven well, 841'		P-cl	
Westville (Municipality) (Deptford Twp., part) (West Deptford Twp., part)	2 driven wells, 112-118'		None	Westville Newbold Water Company
Wharton (Municipality)	Reckaway River above Stevens Brook		P-cl, cl, fp	
Whippany Water Company (Hanover Township)	buys water from Morristown		None	
White Horse Water Company (White Horse Section of Hamilton Twp.)	buys water from Bordentown		None	
Wildermuth, Julius G. (Part Penns Neck Section of West Windsor Twp.)	1 driven well, 125'		None	
Wildwood (Municipality) (North Wildwood) (West Wildwood) (Wildwood Crest) (Middle Twp., part)	32 driven wells, 50-1,000' (at Jersey Sta. Station) (3 at 6th and Jersey Sts. Station) (27 at Ilio Grande Station)	Wells at Wildwood and North Wildwood	P-cl (part)	Wildwood Water Company

TABLE No. 12.—DESCRIPTIVE DATA OF PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY AS OF JUNE 30, 1936—Continued

NAME OF SUPPLY, OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	OTHER SOURCES AVAILABLE FOR EMERGENCY	TREATMENT (SEE KEY)	PREVIOUS NAMES OF SUPPLY
Winters, Albert (Hohokus Twp., Mahwah Section)	Spring	Mahwah Water Company	None	
Wood Mining Company, Alan (Oxford)	McKinley Springs		F-cl	Republic Steel Company Oxford Steel & Iron Company Warren Foundry & Pipe Corp.
Woodbine Light, Power and Water Company (Woodbine)	3 driven wells	4 driven wells	F-n, cl, am	Woodbine Sand and Improve- ment Company Woodbine Light, Power and Water Company
Woodbury (Municipality) (Woodbury Heights) (Deptford Twp., part)	11 driven wells, 287-314'			
Woodstown (Municipality)	1 driven well, 711'	6 old wells, along Creek	None	

NEW WATER SUPPLIES APPROVED FROM JULY 1, 1935 TO JUNE 30, 1936

Location	Owner
1. Lincoln Park	Lincoln Park Water Company
2. Beach Haven Crest	James McMurray
3. Washington Township	Lakeview Heights Water Company
4. West Windsor Township	Julius C. Wildermuth
5. Brielle	Municipality
6. Andover	Municipality
7. Bridgeton	Owens-Illinois Glass Company
8. Irvington	Municipality (Auxiliary Supply)

TABLE No. 13—CHEMICAL ANALYSIS (AVERAGE) OF THE PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY

MUNICIPALITY	Color	Odor	Turbidity	Iron	pH	Total Solids	Appearance on Ignition	Oxygen Consumed	Free Ammonia	Alb. Ammonia	Nitrates	Chlorine	Alkalinity	Total Hardness	Carbon Dioxide	
Allendale (Municipal)	0	0	2.5	0	7.7	176	No Char	0.7	0	.008	.004	1.00	10	80	142	
Allenhurst (Municipal)	0	0	2.0	.08	8.0	103	No Char	1.5	0	.016	0	.03	3	76	98	
Allentown (Municipal)	0	0	2.5	.12	6.4	95	Slt. Char	0.7	.008	.320	.002	2.50	13	10	86	
Amherst (Municipal)	0	0	0	.02	7.7	508	No Char	0.1	.004	.004	.001	2.50	6	140	176	
Asbury Park (Municipal)	5	0	5	.10	6.4	106	No Char	1.0	.118	.024	.003	.04	4	27	36	
Association of Property Owners (Gilbert)	0	0	0	0.2	..	870	.....	..	.022	.030	0	8.00	10	159	183	
Athletic City (Municipal)	0	0	2.5	.14	4.5	83	Slt. Char	3.5	0	.040	0	1.00	14	6	18	6
Athletic County Water Company of New Jersey (Pleasantville)	0	0	2.5	0	5.4	29	No Char	0.5	6	.062	0	.12	12	4	18	..
Athletic Highlands (Municipal)	0	0	2.0	.44	6.2	81	No Char	0.7	9	.016	0	0.4	4	18	32	12
Avalon (Municipal)	0	0	2.0	0.7	7.9	358	Slt. Char	1.2	.112	.040	.006	.300	101	98	99	..
Avon (Municipal)	5	0	3.0	0	7.8	224	No Char	0.6	.068	.002	0	0	4	80	84	..
Barnegat City (Municipal) ..	5	0	2.0	.16	8.0	188	Slt. Char	1.3	.072	.064	.005	.04	2	100	52	2
Barnegat Water Company (Barnegat)	0	0	2.5	0.16	4.4	65	No Char	0.8	0	.048	.003	.08	9	14	22	(acidity) 21
Bartley, A. H. (Bartley)	0	0	0	0	6.0	86	No Char	..	.021	.050	0	0.12	6	6	14	8
Bassett Park Association (Bassett Park)	0	0	0	0	6.4	134	No Char	1.4	0	0	.001	4.0	6	22	21	2
Beach Haven (Municipal)	0	0	2.0	0	6.5	95	No Char	0.3	0	.022	0	.04	7	12	10	..
Beach Haven Crest (James McMurray)	10	0	0	0.6	7.0	161	Slt. Char	2.2	.016	.072	0	.12	9	30	14	..
Beaver Brook Water Company (Lebanon)	Buys water from the Clinton Water and Water Supply Company															
Behar (Municipal)	5	0	4	0.4	7.8	93	Char	1.0	.048	.024	.001	.08	4	75	88	..
Berlin (Municipal)	0	0	2.5	0.12	6.5	117	Slt. Char	1.2	.008	.016	.003	1.20	18	32	48	19
Bernards Water Company (Bernardsville)	5	0	2.0	0.4	7.1	85	No Char	1.7	.008	.002	0	0.08	7	22	33	4
Blackwood Water Company (Blackwood)	10	0	0	0.18	7.7	146	No Char	1.3	.100	.048	.003	0.08	4	81	50	2.5
Blair Academy Water Department (Blirstown)	0	0	2.5	0.60	8.0	301	No Char	0.6	.040	.016	.003	0.04	7	204	253	10
Bloomfield (Municipal)	0	0	2.5	0.04	6.3	149	No Char	0.4	.016	.018	.001	0.00	7	10	68	..
Bogota Water Company (Bogota) ..	0	1v	0	..	7.4	481	.....	..	0	.002	0	3.50	19	144	..	..
Boniton (Municipal)	0	2c	0	0.40	6.7	77	No Char	2.7	0	.120	.002	0.80	4	20	44	..
Bordentown (Municipal)	10	0	5	0.30	4.8	148	Slt. Char	1.2	.008	.002	.015	5.00	11	0	10	10
Bound Brook Water Company (Bound Brook)	0	0	2	0.14	7.0	121	Char	1.6	.048	.006	0	0.08	8	34	76	..
Brucerville (Municipal)	20	1m	10.5	0.30	6.4	89	Char	2.6	.032	.072	.002	0.08	5	7	26	7
Brignton (Municipal)	0	1c	2.5	0.14	6.0	76	Char	1.7	.216	.000	0	1.10	13	26	34	4
Bridgeport Water Company (Bridgeport)	0	0	0	0.10	4.0	165	No Char	0.6	0	.016	0	2.50	11	0	50	18
Brielle (Municipal)	New supply approved, well not completed															
Brigantine City (Municipal) ..	0	0	2.0	0.40	7.1	107	No Char	1.1	.072	.040	0	0.08	7	80	36	..
Brooklawn (Municipal)	20	0	5	0.70	7.2	189	Char	3.1	.144	.032	.004	0.12	7	72	86	..

TABLE No. 13—CHEMICAL ANALYSIS (AVERAGE) OF THE PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY—Continued

MUNICIPALITY	Color	Odor	Turbidity	Iron	pH	Total Solids	Appearance on Ignition	Oxygen Consumed	Free Ammonia	Alb. Ammonia	Nitrates	Nitrites	Chlorine	Alkalinity	Total Hardness	Carbon Dioxide
Browns Mills Land Company (Browns Mills)	5	0	0	0.20	7.0	...	.....	1.6	.192	.032	.001	0	4	80	94	2.5
Buckhorn Springs Water Company (Belvidere)	0	0	3.5	0	6.6	74	No Char	1.4	.024	.032	.002	0.20	5	11	22	6
Burlington (Municipal)	5	0	0	0.5	6.7	77	.....	..	.064	.032	.001	0.60	7	0	44	..
Butler (Municipal)	10	1v	0	0	6.8	33	Char	2.8	.040	.048	0	0.08	6	7	14	..
Califon Water Company (Califon)	0	0	2.5	0.8	6.3	82	No Char	0.4	0	.082	.002	4.00	7	16	42	1
Camden (Municipal)	0	0	3.5	0.08	6.2	124	No Char	0.6	.032	.032	.000	2.50	10	20	44	37
Camp Meeting Association of Newark Conference, M. E. (Mt. Taber)	0	0	2.5	0.16	6.7	85	Slt. Char	0.7	.016	.016	.005	2.00	8	24	46	..
Cape May (Municipal)	10	0	0	0.70	7.6	210	Slt. Char	1.10	.169	.056	.001	0.64	43	90	82	..
Cape May Point (Municipal) ..	0	0	0	0.2	7.9	1,468	Slt. Char	5.0	.703	.004	.000	0.12	540	320	136	..
Chatham (Municipal)	0	0	0	0	7.9	170	No Char	1.2	0	0	0	5.00	8	80	112	..
Chatham Colony Association (Chatham)	0	0	0	0	7.9	266	No Char	0.7	.608	.016	.012	0.60	8	55	102	..
Chester Township (Municipal) (Maple Shade)	200	0	100	3.50	6.6	93	Slt. Char	0.9	.964	.066	.001	0.08	4	41	48	12
Ch Clayton (Municipal)	0	0	0	0.14	6.2	163	No Char	1.0	.024	.040	.003	7.00	17	8	30	22
Clmonten (Municipal)	10	0	5	0.20	7.7	164	No Char	0.7	.040	.024	.001	0.04	4	70	78	3

Cliffwood Beach Company, Inc. (Cliffwood Beach)

MUNICIPALITY	Color	Odor	Turbidity	Iron	pH	Total Solids	Appearance on Ignition	Oxygen Consumed	Free Ammonia	Alb. Ammonia	Nitrates	Nitrites	Chlorine	Alkalinity	Total Hardness	Carbon Dioxide
Clinton Water and Water Supply Company (Clinton) ..	5	0	0	0	7.1	354	No Char	..	.080	.086	.018	4.00	19	136	113	3
Clymers Spring Water Company (Higoville)	0	0	0	0.4	6.4	219	No Char	1.4	.008	.044	0	2.50	5	18	40	..
Coast and Inland Development Company (Normandy Beach) ..	5	0	45	2.0	8.1	227	No Char	1.0	.024	.024	0	1.80	76	146	32	0
Collingswood (Municipal)	10	0	8	0.3	7.3	126	No Char	1.1	.046	.032	.003	0.08	5	50	74	4
Colonial Manor Water Company (Colonial Manor)	5	0	0	0.14	7.4	49	No Char	1.3	120	.064	.002	0.08	4	92	70	..
Columbus Water Company (Columbus)	25	0	5	0.70	7.4	112	No Char	0.9	.032	.003	.004	0	2	81	86	5
Commonwealth Water Company (Summit)	0	0	2	0	7.9	210	Slt. Char	0.3	0	.004	0	0.40	8	72	132	4
Cook, H. A. (Dutch Neck) ..	15	0	30	3.60	6.1	155	No Char	0.9	.032	.032	.022	14.00	22	12	66	..
Comp. C. A. (Yardville)	0	0	0	0.5	6.2	92	No Char	0.7	0	.024	.008	5.00	15	8	36	24
Coson's Inlet Water Company (Strathmore)	0	0	2.0	0.10	7.7	166	No Char	1.0	.080	.032	0	0.04	16	74	38	5
Cozy Lake, Inc. (Jefferson Township)	0	2a	0	0.10	..	88	Slt. Char	..	.016	.032	.001	0.05	12	55	78	..
Cranbury Water Company (Cranbury)	0	0	5.5	0.10	8.0	243	No Char	1.0	008	.032	.001	6.00	31	80	104	16
Cramer, Pearl E. (White Horse)	0	0	0	0.9	6.1	65	No Char	0.8	.032	.048	0	5.00	9	2	19	18
Crestmont Realty Company (Pine Township)	0	0	0	0.20	6.0	127	No Char	0.5	0	.032	0	3.00	6	40	66	4
Crosswicks Water Company (Crosswicks)	30	0	5	0.10	..	89	No Char	..	0	.048	.009	5.00	..	6	..	..
Delaware River Water Company (Haverly)	0	Cl.	0	0	6.2	162	No Char	0.9	.072	.048	.001	9.00	22	22	56	37
Devil's Township (Municipal) ..	0	0	2.5	0	7.7	124	No Char	1.1	0	.004	.008	0.02	5	82	113	5

Buy water from Laurence Harbor Heights Company

TABLE No. 18—CHEMICAL ANALYSIS (AVERAGE) OF THE PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY—Continued

MUNICIPALITY	Color	Odor	Turbidity	Iron	pH	Total Solids	Appearance on Agitation	Oxygen Consumed	Free Ammonia	Alp. Ammonia	Nitrites	Nitrates	Chlorine	Alkalinity	Total Hardness	Carbon Dioxide
Dover (Municipal)	0	0	0	0.3	7.7	207	No Char	1.0	.024	.040	0	0.00	10	100	104	..
Dugan, Edw. J. (Sharta)	0	0	2.5	0	7.6	203	No Char	0.7	0	.016	.003	0.40	4	100	200	5
Du Pont Company (Haskell) ..	0	0	0	0.12	7.1	88	No Char	1.0	0	.050	0	0.28	4	25	86	..
Du Pont Company (Deepwater Village)	0	0	0.5	0.7	7.7	205	Slt. Char	1.8	.050	.032	.002	0.08	40	122	16	0
Du Pont Company (Gibbstown)	0	Cl.	1.5	9.10	4.8	108	No Char	0.8	.008	.008	.003	5.00	13	0	40	23
East Greenwich Township (Municipal)	5	0	3.5	0.30	7.7	294	Char	1.5	.100	.024	.001	0.04	44	170	40	0
East Orange (Municipal)	0	0	2	0	7.8	178	No Char	0.3	0	.004	0	1.00	6	88	120	8
Egg Harbor City (Municipal)	0	0	2	tr.	8.0	101	No Char	0.0	.016	.002	0	0.04	8	10	12	7
Eichter, August (Mickleton) ..	20	0	10	0.7	7.7	328	No Char	1.4	.100	.008	.007	0.20	50	182	62	..
Elizabeth Water Company, Cons. (Elizabeth)	0	0	0	0.7	8.5	124	Char.	1.8	.176	.040	.004	0.80	11	19	58	..
Elmer Water Company (Elmer)	0	0	2	0.10	4.5	100	Slt. Char	0.6	.032	.024	0	5.50	11	0	26	..
Essex Falls (Municipal)	0	0	2.5	0	8.0	286	No Char	0.5	0	.032	.003	5.00	20	76	144	4
Evans, Charles N. (Lincoln Park)	0	0	0	0	7.9	161	No Char	0.4	0	.024	.004	0.32	6	64	86	1
Fairbanks-Horse Company (Hidgdon)	0	0	0	0.05	..	64	.....	..	.024	.032	.001	1.90	8	2	13	30
Fairview (Municipal)	0	Slt. Cl.	2	0.06	7.0	333	No Char	..	0	.004	0	15.00	14	42	172	10
Farmingdale (Municipal)	10	0	5	1.4	7.6	181	No Char	1.2	.032	.048	.011	.08	5.0	104.0	104	6
Flemington Water Company (Flemington)	0	Cl.	2.5	0	6.8	150	No Char	0.8	0	.022	.001	1.00	8	40	74	..
Florence Township (Municipal)	0	0	0.5	0.02	6.5	64	No Char	0.8	.004	.024	.003	2.00	5	4	14	4
Flohran Park (Municipal)	0	0	0	0.04	7.0	163	No Char	1.8	.008	.010	.040	0.08	6	06	132	2
Fortescue Water Company (Fortescue)	0	0	0	0.2	..	200	.....	..	.038	.024	0	0.08	7	00	74	..
Franklin Water Company (Franklin)	5	Slt. Cl.	0	0.10	6.0	125	Slt. Char	1.4	.032	.032	0	0.08	6	32	56	8
Franklin Lakes (Tri-Corner Realty Co.)	10	0	5	0.70	7.5	297	No Char	1.1	0	.024	0	.08	6.0	94.0	184	..
Freehold (Municipal)	20	0	16.5	0.8	7.7	199	No Char	2.2	0	.001	0.04	8	88	144	4	4
Frenchtown Water Company (Frenchtown)	0	cl.	2.5	0	7.7	211	Slt. Char	0.9	0	.016	.002	0.32	8	110	128	7
Garfield (Municipal)	0	0	0	0.10	7.9	244	No Char	0.08	.008	.048	0	3.00	11	74	100	4
Glassboro (Municipal)	0	0	2.0	0.14	7.7	127	No Char	0.4	.004	.032	.001	0.08	4	86	74	..
Glen Gardner Water Company (Glen Gardner)	5	0	5	0.12	6.4	55	No Char	0.9	.008	.024	.008	0.12	4	13	20	..
Gloucester (Municipal)	15	iv	0	0.40	8.5	210	No Char	1.3	0	.046	.003	0.24	27	38	98	10
Gold Mine Manor Water Company (Budd Lake)	10	0	0	..	..	..	.....	..	..	..	.001	1.40	7	..	..	..
Guarantee Water Supply Company (Far Hills)	Buys water from Peapack-Gladstone															
Group, Andrew (White Horse)	20	1e	11.5	1.20	6.6	153	Char	0.7	.24	.024	.180	1.00	14	32	84	45
Growth Township (Municipal)	10	0	5	0.10	5.1	888	No Char	1.1	.040	.040	.002	20.00	18	4	64	..
Grenloch Realty Company (Grenloch)	0	0	0	.16	7.0	171	Heavy Char	1.2	.064	.016	.007	.32	5.0	32	72	4
Hackensack Water Company (New Milford)	5	0	0	0.12	7.1	188	Slt. Char	3.1	0	.072	.001	0.28	6	42	78	0

TABLE No. 13—CHEMICAL ANALYSIS (AVERAGE) OF THE PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY—Continued

MUNICIPALITY	Color	Odor	Turbidity	Iron	pH	Total Solids	Appearance on Infiltration	Oxygen Consumed	Free Ammonia	Alb. Ammonia	Nitrites	Nitrates	Chlorine	Alkalinity	Total Hardness	Carbon Dioxide	
Hackettstown (Municipal) ...	0	0	5	0.30	6.9	86	Slt. Char	2.5	0	.022	.001	0.40	5	10	30	2	
Haddonfield (Municipal) ...	30	0	0	0.70	7.1	247	No Char	0.9	.120	.024	.001	0.40	3	76	100	8	
Haledon (Municipal) ...	0	0	0	1.20	6.8	83	Char	2.5	.169	.114	.002	0.04	6	14	46	..	
Hamburg (Municipal) ...	0	0	2.5	0.30	7.0	345	No Char	0.9	0	.016	.002	1.00	15	222	142	0	
Hamilton Square Water Company (Hamilton Square) ...	0	0	0	0.40	6.0	34	No Char	0.4	.120	.024	.018	4.00	6.	6	26	17	
Hammonden (Municipal) ...	0	0	1	0.14	6.0	47	No Char	0.8	0	0	0	0.04	5	2	14	11	
Harvey Cedars (Municipal) ...	23	0	16	0.00	6.5	119	Slt. Char	0.5	.016	.008	.001	0.72	4	20	28	..	
Hanover Water Company (Municipal) (Wrightstown) ...	5	Slt. HgS	5.5	0.40	7.7	185	Slt. Char	0.5	.024	.008	.002	..	4	98	110	8	
Hawthorne (Municipal) ...	0	0	2.5	0	7.3	147	No Char	0.8	.008	.002	0	2.00	11	73	18	6	
Helene Company, G. W. (Helinetts) ...	10	0	0	0.1	6.0	62	No Char	0.8	0	.016	0	2.00	15	3	18	13	
Henderson, J. Blair (Sparta) ...	0	4r	0	0.1	7.9	216	.....	..	.008	.040	.001	0.28	6	171	208	..
High Bridge (Municipal) ...	0	2r	0	0.7	6.5	268	Char	0.5	.024	.040	.006	0.72	7	70	92	3	
Hightlands (Municipal) ...	0	0	2	0.08	7.0	190	No Char	3.0	0	.016	0	0.40	35	52	100	17	
Hightstown (Municipal) ...	0	0	0	0.20	7.6	65	No Char	1.7	.008	.008	0	0	4	21	28	7	
Hoffman, W. A. (Budd Lake) ...	25	0	26	1.00	6.5	119	No Char	1.3	0	.016	.010	2.50	5	15	44	..	
Hopewell (Municipal) ...	0	0	0	0.06	7.9	164	No Char	0.0	.016	.048	.001	2.50	7	90	130	0	
Capt. Herbert Garrison (Porteress) ...	..	..	..	..	7.7	167	.....	..	.016	.002	0	0.02	8	89	81	..
Huler, Estate of Aaron S. (Budd Lake) ...	0	0	20	0.24	6.5	107	No Char	0.6	.008	.016	.001	0.32	4	27	36	..	
Ideal Beach Water Company (E. Kenosburg) ...	10	0	0	0.4	6.5	97	No Char	0.9	.008	.022	.001	0.08	3	16	40	16	
Irdington (Municipal auxiliary supply) ...	0	0	0	0.14	6.9	390	No Char	0.8	.048	.064	.007	0.00	25	24	102	..	
Island Heights (Municipal) ...	25	0	13	1.20	7.1	146	No Char	0.9	0	.024	0	0.08	4	54	24	..	
Jamesburg Water Company (Jamesburg) ...	20	0	0	0.80	5.6	64	No Char	0.8	.008	.052	.004	2.30	4	2	28	18	
Jersey City (Municipal) ...	30	1v	5	0.14	6.9	332	Char	5.5	0	.114	.003	0.16	5	20	44	..	
Junction Water Company (Hunynon) ...	0	0	2.5	0.10	6.3	69	No Char	1.3	0	.016	.003	1.00	6	12	20	9	
Kenosburg (Municipal) ...	0	0	2	0.16	5.9	71	No Char	0.7	0	0	0	0.04	4	22	40	18	
Keyport (Municipal) ...	0	0	2	0.14	5.4	45	No Char	1.3	0	.016	0	0.04	6	6	14	18	
Kinston Water Company (Kinston) ...	0	0	2.5	0.80	6.9	105	No Char	0.6	.008	.002	.015	1.00	6	40	42	..	
Lakelurest (Municipal) ...	0	0	0	0.12	5.1	24	Slt. Char	1.2	.016	.002	.001	0.08	8	0	9.5	8	
Lakelurest Water Company (Kirkwood) ...	Buys water from Laurel Springs Water Company																
Lakeview Heights Water Company (Washington Twp.) ...	0	0	2	0.5	7.8	230	No Char	0.3	0	0	.064	0.12	2	88	84	..	
Lakewood Water Company (Lakewood) ...	0	0	4.5	0.06	5.8	87	No Char	1.2	.008	.002	.000	0.12	8	1	8	13	
Lake Molawik (Sparta Twp.) ...	0	pine	0	0.12	7.3	241	No Char	0.9	.008	.004	0	0.08	2	80	100	8	
Lambertville (Municipal) ...	3	2m	5.3	0.14	6.9	104	Char	3.0	.376	.160	.009	0.12	7	22	50	0	
Laurel Springs Water Company (Laurel Springs) ...	0	0	2.5	0.12	7.7	184	No Char	0.8	0	.004	.004	0.06	8	70	102	8	
Laurence Harbor Heights Company (Laurence Harbor) ...	Buys water from Sayreville																

TABLE No. 19—CHEMICAL ANALYSIS (AVERAGE) OF THE PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY—Continued

MUNICIPALITY	Turbidity	Iron	Total Solids	Appearance on Ignition	Oxygen Consumed	Free Ammonia	Nitrites	Nitrates	Chlorine	Alkalinity	Total Hardness	Carbon Dioxide				
Lavallette (Municipal)	0	0	2.5	0.12	8.1	230	Char	1.4	.360	.048	0	0.08	0	108	23	0
Lawrenceville Water Company (Lawrenceville)	0	1v	2.5	0.29	6.7	79	No Char	0.2	0	.024	.001	2.00	0	22	36	8
Lincoln Park Water Company (Lincoln Park)	0	0	0	0.10	7.9	147	No Char	0.6	0	.002	.004	0.08	0	88	82	2
Lodi (Municipal)	0	0	0	0.04	7.9	513	No Char	1.0	0	0	0	5.0	13.0	98	192	..
Long Branch Water Company (Beach Haven)	5	0	2	0.40	6.1	80	No Char	1.0	0	.016	.0015	0.08	0	14	12	..
Longport (Municipal)	Days water from Margate City															
Long Valley Water Company (Long Valley)	0	0	2.5	0	6.3	45	Slt. Char	1.1	0	.032	.002	0.24	3	12	22	16
Lopitong Water Company (Phillipsburg)	0	0	2.5	0	7.1	183	Char	2.5	0	.048	.001	0.01	4	20	84	3
Lumberton Light, Water & Sewerage Co. (Lumberton) ..	05	0	26	1.6	7.8	258	Char	.07	.128	.002	.001	0.01	3	80	94	5
Madison (Municipal)	0	0	2	0	7.8	191	No Char	0.2	0	.016	.001	2.50	0	90	142	..
Malwah Water Company (Mahwah)	10	0	0	0.29	7.6	166	No Char	0.8	.032	.002	0	1.80	8	84	127	2
Manasquan (Municipal)	20	0	10	0.70	6.0	51	Slt. Char	1.3	.016	.002	0	0.08	13	24	4	..
Manuta Water Company (Mantua)	0	0	0	0.14	7.0	255	No Char	1.0	.192	.048	0	0.12	10	148	42	8
Marville (Municipal)	0	0	0	0.20	7.1	227	No Char	0.7	.016	.001	1.00	27	42	103	..	..
Margate City (Municipal)	0	0	0	0.40	7.2	147	No Char	1.3	.004	.040	0	0.28	19	64	86	7
Marlton (Municipal)	5	0	0	0.40	7.9	191	No Char	1.2	.003	0	.002	0.08	5	126	130	6
Matawan (Municipal)	20	0	10	1.20	6.6	81	No Char	1.1	0	0	.001	0.12	6	10	28	9
Mays Landing (Municipal) ..	35	0	25	1.20	6.5	110	No Char	0.9	.016	.018	.002	0	5	20	22	..
Mays Landing Water Power Company (Mays Landing) ..	0	Slt. H ₂ S	2.5	1.20	6.9	126	Slt. Char	0.7	.002	.024	.002	0.08	5	40	48	..
McCallum, Edw. T. (White Horse)	0	0	2.5	0.60	..	64	No Char	0.1	0	.024	0.03	0.08	5	26	19	19
McCallum, W. V., Estate of (White Horse)	0	0	2	0	5.8	4	No Char	0.3	0	.032	.005	0.16	5	2	16	17
Medford Water Company (Medford)	0	0	0	0.60	7.8	264	Char	0.9	.072	.024	0	0.01	3	189	168	25
Menham (Municipal)	0	0	0	0.40	8.5	48	Slt. Char	2.3	.120	.162	.004	0.00	5	4	31	6
Merchantville-Pensacola Water Commission (Merchantville) ..	5	0	3.5	0.04	6.6	75	No Char	0.4	.016	.032	.002	1.20	8	13	38	8
Middlesex Water Company (Woodbridge)	0	2v	0	0.05	..	..	..	..	.008	.016	.001	0.15	18	..	..	..
Milford (Municipal)	0	1v	0	0	..	239	..	..	.022	.038	0	0.01	8	92	40	..
Milville (Municipal)	0	0	2.5	0.10	4.8	51	No Char	0.8	0	.016	.002	0.08	8	3	32	23
Milville Water Company (Milville)	20	0	3.5	0.20	5.2	53	Char	6.8	.016	.056	.004	0.60	7	2	16	1
Monmouth Consolidated Water (Long Branch)	5	1v	0	0.8	7.7	130	..	..	.032	.006	.0015	0.08	12	80	50	..
Monroe Township (Municipal) ..	0	0	2.5	0.07	5.0	82	No Char	0.3	.008	.003	.002	6.00	10	0	28	30
Moorestown Twp. (Municipal) ..	0	0	2.5	0.04	7.5	160	No Char	0.5	0	0	.003	0.08	..	58	92	3
Morris and Sussex Water Serv. Ice Company (Lake Rogerson) ..	5	0	0	0.15	7.8	152	No Char	0.9	0	0	.001	0.08	7	65	77	..
Morris and Sussex Water Serv. Ice Company (Lake Hopatcong)	5	0	0	0.20	..	95	No Char	1.1	0	.024	.001	0.08	7	25	20	..

TABLE No. 13—CHEMICAL ANALYSIS (AVERAGE) OF THE PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY—Continued

MUNICIPALITY	Color	Odor	Turbidity	Iron	pH	Total Solids	Appearance on Agitation	Oxygen Consumed	Free Ammonia	Alb. Ammonia	Nitrates	Nitrites	Chlorine	Alkalinity	Total Hardness	Carbon Dioxide
Morristown (Municipal)	25	1e	10	0.40	6.9	60	Clear	2.3	.144	.072	.002	0.20	5	11	16	..
Mountain Heights Water Company (Lincoln Park)	0	0	2.5	0.64	7.8	176	No Char	0.6	.016	.002	0	0.12	7	76	106	..
Mountain Lakes (Municipal) ..	0	0	2.5	0.10	7.2	315	No Char	0.5	0	.024	.004	1.60	5	41	78	5
Mt. Holly Water Company (Mount Holly)	0	0	0	0.10	7.6	142	Slt. Char	1.1	.022	.048	.001	0.20	1	78	84	6
Mountain View Water Company (Mountain View)	0	0	0	0	7.9	107	No Char	0.4	0	.032	.002	0.00	8	72	118	1
National Park (Municipal) ...	50	0	25	0.4	4.9	159	No Char	1.4	.072	.010	.007	2.50	26	0	22	30
Neptune Water Company (Cape May Court House)	0	1e	0	0.60	..	228	.....	..	.086	.012	.040	1.00	24	10	43	..
Netcong (Municipal)	0	0	2	0.06	7.8	118	No Char	0.9	0	.032	0	0.00	4	66	92	..
Newark (Municipal)	0	0	0	0.16	7.0	70	Slt. Char	4.4	.072	.006	0	0.40	3	12	38	..
New Brunswick (Municipal) ..	0	0	2	tr.	8.6	123	Char	2.4	0.14	.048	.010	0.36	8	42	24	..
New Brunswick Water Company (Harrison Twp.)	0	0	0	0	7.5	250	Slt. Char	..	.016	.032	.200	0.16	16	186	178	..
New Egypt Heat, Light, Power and Water Company (New Egypt)	0	0	13	0.3	7.7	110	No Char	1.1	.022	.128	.001	0.72	5	77	80	3
New Jersey Conference Camp Meeting Assn. (Pittman Grove)	0	0	2	0.16	7.8	129	No Char	0.5	.016	.024	.003	0.02	3	74	88	..
New Jersey Water Company (Hudson Heights)	0	0	2.5	0	7.4	149	No Char	0.8	0	.016	.005	0.20	4	74	92	4

New Orange Park Water, Heat, Light and Power Company (Kenilworth)	0	0	0	0.20	7.4	207	No Char	1.0	0	.032	0	2.00	10	81	132	8
Newton (Municipal)	0	1e	0	0.20	7.1	71	No Char	2.3	.016	.120	0	0.04	3	50	83	2
Nicholas, H. R. II. (Plumbers)	0	0	1	0.10	6.1	55	No Char	..	0	.032	.002	0.28	3	12	18	..
North Jersey District Water Supply Commission (Wanaque)	0	0	2.5	0	7.5	55	Char	2.7	.080	.004	.002	0.04	5	12	18	..
Oakland (Municipal)	5	0	0	0.12	8.1	116	No Char	0.9	0	.018	.001	0.20	3	62	90	..
Ober, Charles C. (Newfield) ..	0	0	0	0.10	5.0	58	No Char	1.1	0	.032	0	4.00	0	3	24	..
Ocean City Water Service Company (Ocean City)	0	0	0	0.20	7.6	169	No Char	1.5	0	.064	.001	0.04	10	64	40	6
Ocean County Water Company (Bay Head)	5	0	4.5	0.10	7.7	180	No Char	1.2	.064	.018	.001	0.16	5	94	76	4
Ocean Gate Water Company (Ocean Gate)	15	0	0	0.7	..	117	No Char	..	.062	.022	0	0	4	60	52.9	4
Ogdensburg (Municipal)	20	1e	0	0.14	7.2	70	Char	4.8	.032	.048	.001	0.48	4	10	30	0
Orange (Municipal)	0	sit. cl.	2	0	7.3	124	Char	2.1	.120	.064	.001	0.00	8	34	36	6
Oradell Terrace Water Company (Heddenwary)	20	0	0	0.7	7.4	135	No Char	1.0	0	.008	.003	0.08	5	90	100	..
Owens-Illinois Glass Company (Bridgeport)	0	0	0	0	6.2	44	No Char	0.7	.004	.016	.001	1.20	6	3	25	40
Park Ridge (Municipal)	0	0	2.5	0	7.7	170	No Char	0.2	0	.040	.001	1.00	12	91	128	4
Parshpanny-Troy Hills (Municipal)	0	0	2	tr.	7.7	107	No Char	1.1	0	0	0	0.36	7	86	80	4.5
Parshpanny (Municipal)	0	0	0	0.1	7.7	152	.....	..	.008	.032	0	0.16	11	91	83	..
Passaic Valley Water Commission (Paterson)	0	1v	0	0.16	6.9	85	Slt. Char	2.3	0	.144	.001	0.60	0	22	16	8
Paulsboro (Municipal)	0	0	0	0.70	5.9	222	No Char	1.0	.064	.024	.001	2.50	10	0	32	0
Peapack-Gladstone (Municipal)	5	0	5.5	0.40	6.5	92	No Char	1.6	0	.048	.003	0.28	5	16	24	..

TABLE No. 13—CHEMICAL ANALYSIS (AVERAGE) OF THE PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY—Continued

MUNICIPALITY	Color	Odor	Turbidity	Iron	pH	Total Solids	Appearance on Filtration	Oxygen Consumed	Free Ammonia	Alb. Ammonia	Nitrates	Chloride	Alkalinity	Total Hardness	Carbon Dioxide
Pemberton (Municipal)	20	0	6.5	0.3	6.5	67	Heavy Char	5.7	0	.018	.002	0.08	7	24	7
Pennsgrove Water Supply Com- pany (Pettitstown)	0	0	2.5	0	7.3	123	No Char	0.1	0	.024	.001	0.20	0	100	12
Pennsgrove Water Supply Com- pany (Phillipsburg)	0	0	3.5	0.3	7.7	76	Slt. Char	1.0	.010	.010	.002	0.08	5	62	4
Peoples Water Company (Phillipsburg)	0	0	0	0.8	6.7	173	No Char	0.8	.018	.040	.001	0.44	0	122	..
Perth Amboy (Municipal)	5	0	0	0.1	7.1	89	No Char	1.4	.024	.002	0	0.04	13	28	3
Pinecliff Lake Realty Company (West Milford Township) ..	70	3v	13	0.7	6.4	114	Heavy Char	5.3	.064	.240	.001	0.16	6	10	20
Pinecrest Improvement Associa- tion (Hadd Lake)	10	0	5	0.4	6.4	101	No Char	0.0	.008	.010	.002	2.50	0	24	52
Pitman (Municipal)	0	0	2	0.3	8.1	327	Slt. Char	1.5	.200	.022	0	0.04	20	200	8
Plainsboro Union Water Com- pany (Plainsboro)	0	0	2.5	0	7.9	300	Slt. Char	0.6	.016	.022	.001	2.00	11	136	102
Plainsboro Park Land Company (Pawcoo)	0	Slt. chl	0	0.3	7.5	315	No Char	1.4	0	.022	0	0.08	40	86	232
Point Pleasant Beach (Mu- nicipal)	15	0	11.5	1.6	6.9	99	Char	1.3	.072	.048	.001	0.08	14	20	30
Potterville Water Company (Potterville)	0	0	4.5	0.2	6.7	115	Slt. Char	2.4	.024	.040	.001	0.80	6	16	40
Princeton Bank and Trust Com- pany (Berrien City)	45	0	13	1.50	6.5	103	No Char	0.5	.008	.010	.001	0.08	6	48	42
Princeton Water Company (Princeton)	0	0	2.5	0.04	7.1	161	No Char	0.3	0	.062	.001	2.50	10	42	94
Property Owners' Cooperative Association of Middlesex County, Inc. (Holmdel)	150	1v	75	10.00	6.5	89	No Char	3.1	0	.016	.003	0.04	3	8	22
Prospect Point Water Company (Lake Hopatcong)	0	1e	0	0.20	..	61	.....	..	.014	.010	0	0.08	6	31	30
Rahway (Municipal)	5	0	0	1.2	6.7	126	No Char	2.0	.064	.040	.001	1.00	10	11	55
Ramsey (Municipal)	0	0	2	tr.	7.9	205	No Char	0.2	0	.024	.0005	1.0	7	66	108
Red Bank (Municipal)	0	0	0	0.04	7.7	101	No Char	0.4	.120	.048	.003	0.02	10	107	115
Red, Arthur (Mount Olive Twp.)	70	0	33.0	4.80	6.3	93	No Char	0.9	.032	.016	.014	1.00	4	23	36
Redwood (Municipal)	0	0	2.5	0	7.1	189	No Char	1.2	0	.032	.001	2.50	10	71	130
Remington, Jno. C., Jr. (Fortescue)	0	0	0	0	7.8	169	No Char	1.0	0	.022	0	0.08	7	86	100
Rhine, Frank (Hunton)	0	0	2.5	0.14	6.1	205	No Char	0.3	.024	.032	.022	3.00	17	30	90
Riegel Paper Corporation (Hugliesville)	10	0	5	0.20	7.3	117	No Char	1.6	0	.048	.005	0.36	5	34	72
Riesel Paper Corporation (Milford)	5	0	0	0.7	7.4	191	No Char	0.7	.040	0	.001	1.00	8	44	124
Riegel Paper Corporation (Warren Glen)	0	0	0	0.1	7.3	176	Slt. Char	0.9	.016	.010	0	1.12	5	92	139
Ringwood Company (Avoesting)	200	0	70	13.0	6.5	91	No Char	1.5	0	.024	.001	0.04	2	0	46
Ringwood Company (Lake Erskine)	0	0	0	1.40	7.7	113	No Char	0.9	..	.032	.003	0.20	4	74	90
Riverton-Palmira Water Com- pany (Riverton)	0	0	0	0.40	6.3	178	.....	..	.032	.024	0	5.00	31	16	66
Rockaway (Municipal)	0	0	0	0.10	6.7	1	Slt. Char	0.9	.052	.064	0	2.50	5	31	58
Roelings, John A. Sons, Inc. (Roelbing)	0	0	2	0.40	7.0	163	Char	1.0	.016	.016	0	0.08	8	68	100

TABLE No. 18.—CHEMICAL ANALYSIS (AVERAGE) OF THE PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY—Continued

MUNICIPALITY	Color	Odor	Turbidity	Iron	pH	Total Solids	Appearance on Ignition	Oxygen Consumed	Free Ammonia	Nitrates	Nitrites	Alb. Ammonia	Nitrates	Chloride	Alkalinity	Total Hardness	Carbon Dioxide
Salem (Municipal)	5	0	2.5	0.10	6.4	110	Char	2.9	.032	.072	0	.06	.08	9	20	28	2
Sayreville (Municipal)																	
Sea Girt (Municipal)																	
Sea Isle City (Municipal) ..	0	0	5	0.04	6.0	76	No Char	0.8	.016	0	0	0.04	18	21	20	..	..
Seaside Heights (Municipal) ..	0	0	2	0.3	7.9	195	No Char	0.6	.008	.048	.001	0.20	18	84	46	..	..
Seaside Park (Municipal) ..	45	0	23	0.80	6.1	147	Slt. Char	2.3	.064	.032	.007	0.02	6	20	10	8	8
Sensible Park (Municipal) ..	0	0	2.5	0.10	7.9	185	No Char	1.6	.088	.032	.006	0.02	3	106	20	..	..
Sewell Water Company (Sewell) ..	00	0	21	5.20	6.0	146	No Char	0.7	.004	.032	.000	0.04	0	60	82	15	15
Ship-Bottom Beach Arlington (Municipal)	110	0	41	2.80	6.6	123	Slt. Char	0.6	0	.024	.005	0.04	9	24	16	8	8
Smith Machine Company, H. P. (Smithville)	0	0	0	0.20	7.5	114	No Char	1.5	0	.001	0.08	3	53	53	56	6	6
Somerville Water Company (Barton)	0	slt. cl.	5.5	0	6.6	113	No Char	1.8	0	.040	.022	0.80	8.0	24	50	..	..
South Amboy (Municipal)	0	slt. cl.	0	0.4	4.0	81	No Char	0.0	0	.088	0	0.80	17	4.0	34	..	..
South Jersey Water Supply Company (Manitca Hill) ..	0	0	2.5	0.1	8.1	564	Slt. Char	0.8	.061	.018	.063	0.04	138	204	29	..	..
South Orange (Municipal) ..	0	0	0	0.14	7.2	360	Slt. Char	1.0	.032	.056	.001	1.60	33	126	41	17	17
South River (Municipal)	0	0	2.0	0	7.3	108	No Char	0.6	.024	.024	.001	1.20	13	30	48	..	..
Spring Lake (Municipal)	0	0	2.5	0.40	7.8	140	No Char	0.7	.032	.032	.013	.04	3	74	63	..	..
Stonewall Park Association (Wind Lake)	25	0	21	0.22	7.2	154	Slt. Char	3.4	.440	.048	.001	0	7	45	94	..	..
Surf City Water Company (Surf City)	35	0	23	1.40	6.1	108	Char	0.6	0	.002	.001	0.60	5	12	12	..	..
Swaxsex (Municipal)	0	0	0	0.60	6.5	85	No Char	2.6	.024	.004	.001	0.04	4	28	10	2	2
Swackhammer, B. E. (Long Valley)	5	0	2	0.12	6.6	68	No Char	1.5	.008	.008	.002	0.60	5	25	48	8	8
Swedesboro (Municipal)	25	0	5	0.90	7.1	377	No Char	1.6	.048	.024	.003	0.08	23	78	72	12	12
Toms River Water Company (Toms River)	15	0	14	0.90	6.4	74	Char	1.4	.032	.024	.001	0.32	11	22	40	12	12
Trenton (Municipal)	0	0	2	0.04	6.7	...	.....	..	.018	.032	.004	0.32	4	4	34	10	10
Trionner, Morris (Washington Twp.) (Long Valley, part) ..	0	0	2	0	6.3	57	No Char	0.9	.008	.032	0	0.28	5	14	20	16	16
Tra-Cover Realty Co., Inc. (Franklin Lakes)	0	0	0	0.60	7.5	96	Char	0.80	.016	.048	.001	2.50	0	23	56	..	..
Tuckerton Railroad Company (Whiting)	25	0	5	0.70	5.9	41	No Char	0.90	.008	.004	.002	0	2	2	16	..	..
Tuckerton Water Company (Tuckerton)	15	0	0	0.40	6.4	67	No Char	0.60	0	.022	.001	0.20	5	8	16	14	14
Union Beach (Municipal)	0	0	2.5	0	..	...	.....	..	..	..	..	..	..	..	..	..	..
Ventnor (Municipal)	0	0	2.5	0	5.6	117	No Char	1.20	.056	.018	.011	0.08	7	52	34	8	8
Vincetown Water Company (Vincetown)	0	0	0	0.20	7.5	122	No Char	1.0	.010	.048	.001	0.64	2	42	78	8	8
Vineland (Municipal)	0	0	2	0	6.0	78	No Char	0.5	.008	.032	.0005	3.0	10	16	28	..	..
Waldwick (Municipal)	0	0	2	0.10	7.5	189	No Char	..	0	.004	0	1.60	8	80	130	..	..

TABLE No. 13—CHEMICAL ANALYSIS (AVERAGE) OF THE PUBLIC POTABLE WATER SUPPLIES IN NEW JERSEY—Continued

MUNICIPALITY	Color	Odor	Turbidity	Iron	pH	Total Solids	Appearance on Agitation	Oxygen Consumed	Free Ammonia	Alb. Ammonia	Nitrites	Nitrates	Chlorine	Alkalinity	Total Hardness	Carbon Dioxide
Wallington (Municipal)	0	0	2.5	0	7.5	298	No Char	0.4	0	.032	0	0.00	12	90	194	0
Washington Water Company (Washington)	0	0	3.5	0.08	6.7	51	Char	2.0	0	.080	.001	0.40	5	10	30	8
Winberg, Mrs. Regina (Pennaville)	15	0	5	1.40	5.3	245	No Char	1.2	.008	.144	.002	0.00	33	20	114	..
Wenonah (Municipal)	0	0	0	0.20	8.0	182	No Char	1.7	.120	.048	0	0.08	9	126	36	1
West Jersey Water Service Company, Inc. (Build Lake)	0	0	3.5	0.10	6.5	690	No Char	1.0	.016	.024	.001	2.00	4	27	48	15
Westville (Municipal)	10	0	9	0.70	7.3	126	Slt. Char	1.5	.260	.016	.002	0.08	6	71	68	..
Wharton (Municipal)	0	0	0	0.10	7.1	64	Char	3.3	.008	.006	.001	0.00	4	18	34	4
Whitewater (Municipal)	0	0	3.5	0.70	7.4	143	No Char	0.5	.024	.056	.002	0.04	20	60	64	11
Withersmith, Julius C. (West Windsor Township)	0	1v	2	0	6.8	152	No Char	0.08	0	.008	0	0.40	10	76	84	26
Winters, Albert (Mahwah)	10	0	0	0.56	7.6	184	No Char	0.9	.032	.032	.001	1.60	9	71	121	..
Wood, Alton Mining Company (Oxford)	6	0	8	.12	6.6	113	Slt. Char	0.9	0	.024	.004	0.26	6	32	54	12
Woodbine Water Company (Woodbine)	25	0	15	2.80	4.91	99	No Char	1.4	0	0	.002	0.72	20	0	16	..
Woodbury (Municipal)	15	0	15	0.14	8.6	264	Slt. Char	2.3	.018	.120	.008	0.00	8	142	24	..
Woodstown (Municipal)	13	1v	2	0.70	8.1	550	Slt. Char	2.0	.168	.008	.002	0.06	102	208	12	..

Report of the Bureau of Food and Drugs

For the Year Ending June 30, 1936

W. W. SCOFIELD, CHIEF

This Bureau enforces laws passed by the Legislature to prevent the adulteration, misbranding, and substitution of inferior articles for standard foods and drugs, and also those laws passed to prevent the handling, preparation, storage and transportation of foods and drugs under unclean conditions.

The Food and Drug Act of this State passed in 1907 is in harmony with the provisions of the Federal Food and Drug Act, and this law has been amended by the passage of several acts, such as, the Sanitary Act, the Non-alcoholic Beverage Act, the act prohibiting the use of sulphites in meats, the act governing the production, handling, and distribution of milk, cream and milk products. In addition to these acts, the Legislature has passed special laws governing the distribution and sale of oleomargarine, the "Filled" Milk Act, the Methyl Alcohol Act, the Cold Storage Act, the Slaughter-house Act, the Egg-breaking Act, and the laws governing the production, sale and distribution of shellfish.

Dairy Farm and Milk Plant Inspection—The responsibility for the fitness of milk, cream and milk products distributed within this State is placed by law upon the producers and distributors of these articles of food. The inspection service performed is in the nature of investigations to determine whether or not the law is violated and if so, to cause the correction of those responsible for the violations. Believing that flagrant violations are of most

importance, our inspectors maintain vigilant supervision over known questionable sources and devote no more time than is necessary to routine inspections of supplies that are regularly found good and approved. The work is largely educational and involves the adjustment of a variety of methods to the requirements of a law which extends its powers over a wide territory within and outside of this State where the development of the dairy industry has been promoted to satisfy the demands of officials with widely differing views. In the past much dissatisfaction has been encountered among dairymen because of the conflicting views of inspection agencies.

The extensive promotion of inspection service by milk distributors and their co-operation with our agents as well as those of local boards of health have done much to promote the cause of clean, safe milk and milk products. Earnest efforts are now being made in many quarters to secure a more uniform method of enforcement of health regulations.

The following table shows the number of inspections of milk plants and dairy farms made by representatives of this Department during the year.

State	No. of Inspections of Milk Plants	No. of Inspections of Dairies
New Jersey	1,215	3,892
Delaware	6	131
Indiana	9	279
Maryland	7	177
Michigan	3	80
New York	72	2,077
Ohio	3	128
Pennsylvania	64	1,340
West Virginia	1	24
	<hr/> 1,380	<hr/> 8,128

The following table shows the number of reports of inspections of milk plants and dairy farms received from local boards of health in this State:

State	No. of Inspections of Milk Plants	No. of Inspections of Dairy Farms
Delaware	1	76
Maryland	1	280
Michigan	1	.....
New York	55	3,242
Ohio	4	154
Pennsylvania	35	1,446
Wisconsin	3	840
	<hr/> 100	<hr/> 6,038

Collection of Milk, Cream and Milk Products—During the year 5,016 samples of milk and cream collected by agents of this Department were examined chemically. None of these samples contained preservatives and a very small number of samples of milk had been adulterated with water. A small percentage of the samples collected failed to meet the legal standards for total solids or for milk fat.

Ice Cream Factory Inspection—Periodic inspections which have been carried on during the year of places where ice cream, frozen custards, sherbets and ices are prepared, show continued improvement in the sanitation and construction of the plants. During the past year a great number of counter type ice cream freezers have been installed. This type of freezer is designed for operation in confectionery stores, drug stores, tea rooms and restaurants. There has been some controversy regarding requirements necessary to govern the manufacture of ice cream in this type of plant. Several conferences have been held with local health officials and operators of such plants regarding the adoption of uniform regulations, and such regulations will be completed in the near future and made available for those interested. It is believed that the adoption of uniform sanitary requirements will promote a better understanding between manufacturers and enforcement officials.

During the year 1,075 inspections have been made of places where ice cream, sherbets or ices are manufactured for distribution in New Jersey, and 726 samples have been collected for examination. Of this number 67 samples were found to differ from the legal standard.

Custard and Cream Filled Bakery Products—Repeated outbreaks of food poisoning in this State have been traced to the consumption of bakery products containing custards. Inspections of commercial bakeries by agents of this Department proved that many bakers did not realize that the custard fillings formed excellent media for the growth of the common bacteria which were so likely to gain entrance into the fillings during the preparation of the pastry. While bakers recognized the fact that it was necessary to cool the custards before injection into the pastries, little or no care was taken to prevent the contamination of the custards when they were allowed to cool slowly in open receptacles in the bakery, or when they were placed in filling devices which had not been cleaned or sterilized. After the custard fillings had been added to the pastries, no refrigeration of the finished products to prevent the multiplication of bacteria and the formation of toxins was practiced.

In order to give bakers definite advice as to precautions which should be taken, the following regulations were adopted by the Department of Health of the State of New Jersey at its meeting on October 8, 1935:

1. All commercially prepared custard or cream filled bakery products shall be made under clean conditions.
2. Only pasteurized milk or cream shall be used in the preparation of custard and cream filled bakery products.
3. The temperature and time of heating the mix shall be as a minimum the equivalent of a temperature of 142° F. for a period of not less than thirty minutes.
4. Upon completion of the cooking of the mix, it shall be immediately transferred into previously sterilized containers, properly covered, and chilled without delay to 50° F. or below and maintained at such temperature until used.
5. The filling apparatus shall be of suitable impervious material and shall be cleaned and properly sterilized before each use. No cloth filling bags shall be used.

6. The hands of employees engaged in the preparation of custard and cream filled bakery products shall not touch the custards or cream fillings.
7. No pastries containing custard or cream fillings shall be displayed in windows or showcases, except those that are chilled to 50° F. or below.
8. Pastries containing custard or cream filling shall not be sold or delivered from vehicles, except such vehicles be equipped with a refrigerated compartment maintained at a temperature of 50° F. or below; provided, however, that such pastries may be delivered from manufacturers to retail dealers or consumers by special trip without continuous refrigeration when it is possible to complete such delivery within two hours elapsed time.

These regulations were explained in detail at conferences between representatives of three associations of bakers in this State and representatives of this Bureau. These associations agreed that there was a necessity for the close regulation of the preparation of custard filled bakery products and also for the enforcement of proper sanitary measures in the preparation of all bakery products. Publicity was given to these regulations in the public press and also in trade journals of the baking industry.

During the year 985 sanitary inspections of bakeries located in New Jersey and also in the States of Pennsylvania and New York, distributing products in New Jersey, have been made by agents of this Department. Written notices have been sent to those bakers in New Jersey whose establishments were being operated under insanitary conditions or in violation of the regulations of this Department.

The active co-operation of many of the local boards of health of the State in making inspections of bakeries and in the enforcement of the regulations on cream and custard filled bakery products adopted by this Department is gratefully acknowledged.

Excellent co-operation has also been received from food control agencies of the States of Pennsylvania and New York.

Non-Alcoholic Beverage and Bottled Water Plant Inspection—During the year, 251 inspections were made of beverage and water bottling plants, and 42 samples were collected for analyses.

Slaughter-house Inspection—During the year 170 inspections were made of the slaughter-houses in this State. These inspections show that these plants are operated in substantial compliance with the law.

Canning Factory Inspection—During the year 48 inspections were made of canning factories in this State. Special attention was given to the sorting of raw materials to prevent the entrance of unfit materials into canned foods. Our investigations showed that the food was good, and the operators of the canning factories were co-operative in meeting the requirements in force in this State.

Penalties—During the year \$5,741.97 was collected in penalties and costs for violations of the Food and Drug Laws.

Fees—The following fees were collected during the year for licenses and permits:

Milk Permits	602	@	\$25.00	.....	\$15,050.00
Ice Cream Licenses	13	@	100.00	.....	1,300.00
Ice Cream Licenses	16	@	50.00	.....	800.00
Ice Cream Licenses	9	@	25.00	.....	225.00
Ice Cream Licenses	28	@	10.00	.....	280.00
Ice Cream Licenses	509	@	5.00	.....	2,545.00
Cold Storage Plant Licenses	25	@	10.00	.....	250.00
Narcotic Drug Licenses	12	@	5.00	.....	60.00
					\$20,510.00

TABLE 1

Samples of Milk, Cream, Foods, Drugs, Collected for Analyses

	<i>Above Standard</i>	<i>Below Standard</i>	<i>Total</i>
Milk and cream	4,926	90	5,016
Foods	2,002	235	2,237
Drugs	599	99	698
Alcoholic beverages	131	12	143
Miscellaneous	116	7	123
	7,774	443	8,217

TABLE 2

Sanitary Inspections made of Establishments Where Foodstuffs are Produced, Prepared, Packed, Stored or Otherwise Handled

	<i>Inspections</i>
Dairy farms	8,128
Milk plants	1,330
Ice cream factories	1,075
Non-alcoholic beverage and water bottling plants	251
Slaughter-houses	170
Cold storage warehouses	252
Egg breaking establishments	9
Canning factories	48
Alcoholic beverage establishments	78
Restaurants	555
Bakeries	985
Meat markets	9
Candy factories	3
Sausage factories	4
	12,947

Cold Storage—Section 8, Chapter 101 of the Laws of 1916 (the Cold Storage Act), provides that the State Director of Health shall extend the period of storage beyond twelve months for any particular article of food, providing the food is found to be in proper condition for further storage. A report on each particular lot of food on which extensions of time were granted shall be included in the annual report of the Director of Health.

During the last fiscal year from July 1, 1935 to June 30, 1936, extensions of time were granted for the storage of food in cold storage, as follows:

<i>Quantity</i>	<i>Article</i>	<i>Extension Granted</i>
839 boxes	cheese	2 months
700 boxes	cheese	3 months
550 boxes	cheese	4 months
1007 boxes	cheese	6 months
2443—30 lb. cans	egg yolk	3 months

In each case where extensions of time were granted the articles were examined and found to be in suitable condition for the additional period of storage.

Sanitary Shellfish Control—The departmental program for the sanitary control of the shellfish industry has been vigorously pursued, with a personnel of seven being assigned to this work.

Following an intensive investigation of the waters of Raritan Bay during May and June, 1935, New York City opened its markets on October 15, 1935, to shellfish producers of Raritan and Sandy Hook Bays. This has proven of value to the industry in this section of the State.

Following an investigation of the waters of Cape Island Creek in Cape May County, it was found necessary to condemn such waters for the taking of shellfish on April 7, 1936.

During the year a shellfish control laboratory was opened up at Highlands, Monmouth County, for the use of the Bacteriologist in charge of that section of the State. Two other laboratories located at Tuckerton and Bivalve were operated by Bacteriologists in charge of these sections. This provides a proper laboratory and inspection service at three strategic locations in the shellfish producing areas approximately 50 miles apart.

During the past fiscal year 514 shippers of shellfish in the shell and 25 shucking houses have been granted shellfish certificates. There have been made 1,747 inspections of shippers of shellfish in the shell, 268 inspections of shucking establishments, 239 inspections of retail dealers, and 45 special inspections of shellfish waters. There have been examined in the field laboratories and on the floating laboratory boat "Inspector" 921 samples of water, 316 samples of oysters, soft clams and hard clams in the shell, and 84 samples of shucked shellfish.

During the year one of the experimental plants to sterilize water used for conditioning shellfish was discontinued, but the Absecon plant continues in successful operation as a demonstration of the feasibility of the storage of shellfish in sterilized water.

A small motor boat was purchased for use in the Delaware Bay section, and a campaign of investigation of all the streams tributary to the shellfish areas in Delaware Bay has been inaugurated. The shellfish laboratory boat "Inspector" is spending its twenty-fourth season in a similar investigation of shellfish waters and tributaries thereto along the coast from Shark River to Cape May.

An intensive campaign has been carried on to see that every sack or other package of shellfish produced in this State has had attached to it a shipping tag containing all of the information required by the regulations of the Department, and of the U. S. Public Health Service. It is felt imperative that any package of shellfish should bear such information at all times as would permit the shellfish to be readily traced back to their source and the day of removal from the beds. The industry has co-operated willingly with this campaign.

It is believed that by the employment of these facilities the Department has protected the consuming public with an adequate control over the production and marketing of shellfish.

SUMMARY OF THE KINDS AND AMOUNTS OF FOODS IN COLD STORAGE WAREHOUSES IN NEW JERSEY ON THE LAST DAY OF EACH MONTH DURING THE YEAR 1936-1936

ARTICLE	July 1935	Aug. 1935	Sept. 1935	Oct. 1935	Nov. 1935	Dec. 1935	Jan. 1936	Feb. 1936	March 1936	April 1936	May 1936	June 1936
Eggs, cases	578,623	507,863	360,460	271,398	134,282	46,710	11,769	7	118,765	322,274	640,230	873,000
Eggs, broken, lbs.	9,037,858	3,015,307	2,990,124	2,984,854	2,476,106	2,376,092	1,986,788	1,544,210	1,528,732	1,934,107	2,663,774	4,100,118
Cheese, lbs.	4,085,855	4,998,276	5,097,293	5,879,737	6,540,061	6,690,988	6,188,033	5,564,356	4,900,154	4,288,272	4,302,022	5,076,950
Butter, lbs.	8,997,280	8,829,324	7,760,862	6,885,064	3,873,643	1,225,580	1,715,385	3,305,061	1,489,003	1,133,603	916,370	4,105,245
Poultry, lbs.	7,194,796	6,535,831	6,362,941	6,800,381	7,870,538	8,514,263	9,964,231	9,665,762	7,147,969	5,082,871	4,849,000	5,621,406
Fresh meats, lbs.	5,276,624	6,830,902	5,261,931	4,825,907	4,935,283	4,882,208	4,974,045	4,779,960	4,821,482	5,094,241	5,013,203	4,772,148
Fresh fish, lbs.	2,133,651	1,800,872	2,072,890	2,389,601	2,103,835	1,916,342	788,292	277,052	180,017	512,370	1,276,513	1,222,782
Milk and milk products, lbs.	328,917	283,676	225,044	208,371	149,368	149,368	70,180	42,304	30,659	10,770	91,400	201,682
Ballie fats and oils, lbs.	820,253	910,325	908,864	1,104,005	478,102	1,008,844	1,148,161	1,283,200	1,388,843	1,605,828	1,870,050	1,706,710
Game, lbs.	300	.....	.....	429	1,697	2,880	785	406	608	348	848	1,488
Miscellaneous articles, lbs.	143,100	127,554	343,341	1,107,990	1,100,194	830,631	828,570	683,278	575,956	522,887	325,158	290,892

Report of the Bureau of Bacteriology

For the Year Ending June 30, 1936

J. V. MULCAHY, CHIEF

The work of this Bureau has been along the same general lines as covered in previous reports except that increasing demands are made on the facilities of the laboratory as shown by the receipt of almost 5,000 more specimens for examination. These examinations are varied as shown in the table on miscellaneous examinations and the other tabulations included in this report. The following table shows in a condensed form the total number of specimens received for examination during the year. These specimens are in subsequent tables classified under the name of the disease for which they were examined.

TABLE I

TOTAL NUMBER OF SPECIMENS EXAMINED DURING THE FISCAL YEAR ENDING JUNE 30, 1936

Diphtheria	7,764
Tuberculosis	10,107
Typhoid Fever	4,015
Typhoid bacilli (feces and urine)	6,395
Gonorrhoea	6,548
Syphilis	54,267
Miscellaneous specimens	5,508
Total	94,604

Comparing this table with a similar classification in last year's report it is shown that with the exception of diphtheria specimens there has been an increase in every other type of examination.

The most marked increase is shown in the examination of blood for evidence of syphilis by means of the Wassermann test. In this examination alone there was an increase of over 4,000 specimens, a total of 54,267 examinations made of blood for the presence of this disease. The increase in this type of examination does not in itself indicate an increase in the prevalence of this disease, as a large number of specimens are collected for examination from all new admittances to various State institutions and periodically a survey is made of all inmates in some of these institutions.

The physicians of the State are also on the alert to detect early cases of syphilis and also collect blood specimens to eliminate the possibility of the presence of this disease in patients presenting obscure cases of illness. Several specimens may be received from the same patient under treatment for syphilis to determine the need of further treatment depending on the result of the Wassermann test.

As a result of an arrangement made by the Bureau of Venereal Disease the physicians connected with some industrial plants have been submitting specimens from their employees so that those individuals giving a positive reaction may be given specific treatment.

It has been necessary to limit the number of specimens received from industrial plants so as not to over-tax our facilities in handling these specimens and interfere too much with the regular examination of specimens for diagnosis and control in treatment of persons infected with this disease.

Additional equipment will be needed to handle the increased number of Wassermann tests and it is hoped to be able to purchase another refrigerator to properly handle the increased number of specimens. Another technician will be needed to care for this work if the same proportionate increase continues, as the present number of specimens is about the limit the present laboratory force in the Wassermann room can handle.

Sputum specimens for the presence of tubercle bacilli are received yearly in increasing numbers, largely due to the receipt of specimens from institutions for the care of tubercular patients. These specimens are sent in as a check on the treatment of these

patients several times a year besides those specimens sent by physicians of this State from their private patients.

The examination of feces and urine from suspected cases of typhoid fever, from convalescent cases of typhoid fever and from suspected carriers of typhoid bacilli and from food handlers has been made on 6,395 specimens. This examination is a time-consuming test requiring large amounts of culture media. Specimens from food handlers are principally received from employees handling certified milk and from employees on dairy premises producing milk from N. J. Approved Dairies in co-operation with the Department of Agriculture.

A most serious situation, as revealed by laboratory examination, is the number of dogs examined during the year that were found to be affected with rabies. Of 283 animals' heads examined 149 dogs were shown to be rabid and one cow was affected with rabies.

It will be seen in Table II that not since 1932 have we had so many cases of rabies in dogs. When it is considered that each one of these dogs may have bitten one or more persons while infected, the number of persons requiring preventative treatment would be several hundred, causing considerable discomfort to the individual and the expense of treatment.

Contrary to the views of misinformed persons regarding rabies, some of whom write articles in periodicals minimizing the existence of rabies in dogs and advocating inadequate treatment for dog bites by rabid animals, the only protection for persons bitten by such rabid animals from developing rabies is the early cauterization of the wound with fuming nitric acid by a physician and starting immediately the Pasteur treatment. There is no cure for rabies after the disease is once developed. A circular issued by this Department on rabies is enclosed with every report sent on the examination of the brain of the dog for the information of the sender. This circular gives a summary of powers and duties of health officials, physicians and others, methods of transmission, treatment and prevention of rabies.

The following table gives a comparison of the yearly examination of animals for rabies since the year 1927 up to and including the year ending June 30, 1936.

TABLE II

YEARLY TOTALS OF ANIMALS EXAMINED FOR RABIES FROM
1927 TO 1936, INCLUSIVE

	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936
Positive	164	93	106	96	80	177	130	86	72	150
Negative	132	116	115	121	114	123	121	93	94	121
Unsatisfactory.	26	19	22	11	8	27	21	10	12	12
Total	322	228	243	228	202	327	272	189	178	283

While this Bureau receives most of the dogs sent in for examination for rabies some of these suspected rabid dogs are examined in other laboratories and others are diagnosed by veterinarians without laboratory examination. Reports received by this Department show that 231 cases of rabies were diagnosed in animals, including those examined in the laboratory, in this State for the fiscal year ending June 30, 1936.

It will be seen in Table XIV that most of the animals found rabid in this laboratory were from counties south of Mercer County, where rabies has been unusually prevalent.

Table XI shows the number of specimens received classified as miscellaneous examinations, which include examinations made on all types of bacterial infections and serological examinations on these specimens due to infection with an unknown virus such as poliomyelitis, Rocky Mountain fever and typhus fever. In this table under pneumonia examinations it is shown that not as many specimens are received for this examination as might be expected. It may be that physicians who are obliged to transmit these specimens by mail feel that the delay in transmission of the specimen of sputum incurs too great a delay to be of value in serum treatment of this disease, or that these examinations are made in local hospital laboratories.

If a fresh specimen of sputum can be sent to this laboratory, in most cases a prompt report can be made by a microscopic examination for the demonstration of capsules in the type of invading pneumococci causing the disease. Use of rabbit sera prepared against the various strains of pneumococci are used to demonstrate these capsules by the Neufeld method.

Specimens of food that was thought responsible as the cause of several different instances of gastro-intestinal illness have been examined for the predominant or probable causative organism. Special work has been done on the ingredients used in custard filled bakery products and mixtures made according to the directions given for preparing the custard fillings have been kept under varying temperatures to determine the bacterial increase in these finished mixtures. It was determined that if such products are kept at refrigerator temperature the bacterial increase was slight whereas on corresponding samples kept at room temperature an enormous bacterial increase occurred.

In collaboration with the Committee on Standard Methods of Examination of Water and Sewage of the American Public Health Association this Bureau has been making a comparison of the relative worth of certain culture media which have been suggested to simplify the present Standard Methods. The results on these comparative tests with the differential media on samples of water are then forwarded to the Chairman of the Committee who is assembling these results from all the collaborating laboratories taking part in this work.

In Table XII is shown the examination of blood for evidence of undulant fever. Of the 554 specimens examined, 75 specimens gave agglutination in high dilution with the *B. abortus* antigen. It is interesting to note that of the 33 samples of mixed cows' milk examined for evidence of *B. abortus* infection 13 of these samples gave a reaction indicating infection with *B. abortus*.

In two instances a Weil-Felix reaction was obtained on blood specimens from cases suspected of being Rocky Mountain Fever. Reactions were obtained on two specimens from suspected cases of tularemia and on two specimens from cases suspected of being typhus fever.

Inoculations were made on 149 animals subdurally with emulsions made from animals' brains that were not found to be positive on direct microscopical examination or were so putrid that a satisfactory microscopic examination could not be made. Of this number three were found positive.

Specimens of spinal fluid, pleural fluid, urine, blood, synovial fluid, pus, abdominal fluid, and specimens from throat were inoculated into animals during the year for detection of tubercular infection. A total of 198 inoculations were made on these specimens. Autopsies made on these animals showed that 23 of them were infected with tuberculosis as a result of the material injected.

Table XV shows that 102,140 mailing cases for the collection of specimens were prepared and sent to the various repositories located in drug stores throughout the State for distribution to physicians, and in many instances these outfits are sent directly to the physician upon request. They are also supplied to local boards of health and to physicians connected with the various State institutions.

Table XVI shows the demand made on this Bureau for various kinds of culture media. Most of this media is made to meet the needs of other Bureaus of the Department. It is prepared, tubed and sterilized for use of the Bureau of Chemistry in the examination of water supplies, for the Bureau of Engineering in field work in the control of water and sewage purification plants and for the Shellfish Division in shellfish examination. It is shown by this table that the total volume of culture media so prepared totals 1,932,300 ml., and has kept our force very busy preparing, tubing and sterilizing this media.

It will be seen in the tables that follow the various examinations made and other tables showing the extent of the laboratory work.

TABLE III

Specimens Examined for Diphtheria Bacilli, Primary and Secondary, During Fiscal Year Ending June 30, 1936, by Months

MONTH	Primary			Secondary			Total
	+	-	Uns.	+	-	Uns.	
July	6	500	17	12	181	8	724
August .....	..	230	7	11	144	2	434
September	1	410	6	6	197	..	620
October	12	585	9	16	296	2	890
November	8	480	10	15	223	..	738
December	5	500	9	12	215	3	744
January	3	318	7	6	182	1	487
February	5	575	1	4	178	1	764
March	3	494	4	3	181	1	658
April	4	283	4	3	122	4	420
May	4	328	7	5	109	..	433
June .....	..	622	22	2	145	5	796
Total	51	5425	108	95	2063	27	7764

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

TABLE IV

Specimens Examined for Tubercle Bacilli, Primary and Secondary, During Fiscal Year Ending June 30, 1936, by Months

MONTH	Primary			Secondary			Total
	+	-	Uns.	+	-	Uns.	
July	31	316	2	81	376	3	809
August	45	295	1	100	286	..	727
September	47	297	1	104	432	4	835
October	41	391	2	100	306	..	840
November	38	314	..	63	283	1	696
December	31	315	4	106	367	1	824
January	32	349	1	54	322	1	739
February	34	343	..	94	304	2	777
March	61	410	1	78	352	2	904
April	49	367	4	127	384	6	937
May	59	417	1	79	427	8	991
June	50	319	4	171	428	3	975
Total	518	4183	21	1157	4247	31	10107

TABLE V

Specimens Examined for Typhoid Fever Reaction, Primary and Secondary,
During Fiscal Year Ending June 30, 1936, by Months

MONTH	Primary			Secondary			Total
	+	-	Uns.	+	-	Uns.	
July	4	203	5	3	97	2	314
August	16	221	7	7	77	5	333
September	16	266	23	4	60	4	373
October	12	312	9	3	75	..	411
November	10	159	7	..	70	1	247
December .....	..	319	5	1	93	4	422
January	2	318	6	2	33	..	380
February	3	224	2	2	47	3	281
March	5	242	7	3	44	4	305
April	4	166	3	..	40	..	213
May .....	..	210	7	..	67	2	286
June	7	280	13	2	158	10	450
Total	79	2900	94	26	881	35	4015

TABLE VI

Specimens of Feces and Urine Examined for Typhoid Bacilli, Primary and
Secondary, During Fiscal Year Ending June 30, 1936, by Months

MONTH	Primary			Secondary			Total
	+	-	Uns.	+	-	Uns.	
July .....	..	362	8	1	201	..	572
August .....	..	321	4	1	112	..	433
September .....	..	296	1	1	69	1	368
October	5	542	3	12	95	1	658
November	3	245	3	2	105	..	359
December	1	367	6	2	172	..	548
January .....	..	525	24	2	196	..	747
February	2	769	..	4	125	1	902
March	8	471	1	6	86	..	637
April	1	208	..	4	67	..	277
May	1	232	8	..	93	..	329
June	4	393	43	3	216	1	660
Total	19	4730	96	38	1508	4	6395

TABLE VII

Specimens Examined for Gonococci (pus smears), Primary and Secondary,
During Fiscal Year Ending June 30, 1936, by Months

MONTH	Primary			Secondary			Total
	+	-	Uns.	+	-	Uns.	
July	103	338	14	16	114	1	588
August	99	297	10	20	108	3	537
September	128	348	14	18	90	2	600
October	114	413	13	21	95	5	623
November	110	353	12	30	113	3	514
December	86	271	6	28	119	4	460
January	66	263	10	24	96	1	457
February	58	268	7	21	89	4	538
March	88	327	10	21	106	1	480
April	72	254	7	26	116	5	506
May	78	291	8	25	103	3	589
June	95	352	8	22	111	1	654
Total	1075	3775	118	272	1275	33	6548

TABLE VIII

Miscellaneous Specimens Examined, Primary and Secondary, During Fiscal
Year Ending June 30, 1936, by Months

MONTH	Primary			Secondary			Total
	+	-	Uns.	+	-	Uns.	
July	64	276	9	6	21	..	366
August	54	291	7	11	85	2	420
September	59	245	2	10	41	..	357
October	71	339	4	6	40	..	460
November	132	291	1	12	41	..	478
December	57	183	2	8	23	..	273
January	96	225	3	9	35	..	328
February	96	561	10	4	30	..	701
March	153	484	5	6	40	1	689
April	105	238	6	14	44	..	407
May	88	302	3	13	68	..	474
June	74	888	4	15	53	1	935
Total	1010	3823	56	114	501	4	5508

TABLE X

Specimens of Blood and Spinal Fluid Examined for Syphilis (Complement Fixation Test), with Alcoholic Extract Beef Heart Antigen, During Fiscal Year Ending June 30, 1936, by Months

MONTH	Primary							Secondary							Total
	4+	3+	2+	+	±	-	Uns.	4+	3+	2+	+	±	-	Uns.	
July	112	10	13	11	20	2895	170	38	5	4	14	25	738	46	4151
August	96	14	12	31	32	2832	127	51	13	5	16	38	903	43	4218
September	59	8	7	24	27	2891	156	36	4	6	16	27	718	65	4095
October	131	8	12	41	33	3238	117	42	10	16	25	26	852	34	4672
November	111	10	7	28	3	2723	130	61	3	7	13	7	707	46	3858
December	117	12	12	20	15	2581	119	78	10	10	15	38	1111	57	4195
January	123	5	8	17	16	2963	188	55	11	6	17	12	940	56	4417
February	70	8	7	12	13	2989	196	47	3	7	20	7	940	86	4407
March	107	6	14	17	22	3540	135	53	4	5	8	13	1207	60	5493
April	99	5	9	13	17	3641	102	58	9	11	6	24	1229	34	5255
May	135	9	5	20	9	3210	109	68	6	7	6	8	943	38	4573
June	168	9	10	12	5	3393	113	178	12	12	18	31	969	40	4998
Total	1349	101	116	246	214	37288	1662	763	90	96	174	256	11307	605	54267

TABLE X

Specimens of Blood and Spinal Fluid Examined for Syphilis (Complement Fixation Test), with Cholesterinized Antigen, During Fiscal Year Ending June 30, 1936, by Months

MONTH	Primary							Secondary							Total
	4+	3+	2+	+	±	-	Uns.	4+	3+	2+	+	±	-	Uns.	
July	217	..	..	68	2	2777	470	145	..	1	84	5	689	46	4151
August	229	..	..	59	8	2721	127	166	1	..	85	18	731	43	4212
September	198	..	..	31	1	2807	156	131	1	1	37	1	636	65	4095
October	296	1	..	68	1	3184	117	221	..	..	61	1	688	34	4672
November	273	..	..	38	..	2573	130	217	..	..	25	..	556	46	3858
December	242	5	1	77	..	2432	119	237	3	2	94	..	928	57	4195
January	252	2	8	92	15	2738	188	238	1	5	32	10	735	56	4417
February	227	1	..	84	32	2757	196	177	1	1	51	18	776	86	4407
March	341	2	1	106	46	3510	135	224	3	..	55	26	984	60	5493
April	291	2	1	98	12	3380	102	320	1	..	68	11	935	34	5255
May	307	..	2	50	11	3018	109	237	..	3	39	8	731	38	4573
June	220	..	..	18	6	3352	113	273	..	..	35	11	901	40	4998
Total	3123	13	8	786	134	35250	1662	2836	11	13	684	104	9238	605	54267

TABLE XI

Miscellaneous Specimens Examined, Positive, Negative and Unsatisfactory During Fiscal Year Ending June 30, 1936

Specimen for	Positive	Negative	Unsatisfactory
Rabies	150	121	12
Amoeba	3	465	..
Bacterial infection, (blood, body fluids, feces, pus, milk, water, etc.)	551	354	6
B. tuberculosis (body fluids, feces, urine and pus)	31	220	3
B. typhosus (blood and water)	2	6	..
Para-typhoid fever (blood reaction for)	6	1,178	12
B. para-typhosus (blood, feces, milk, urine and water)	1	558	..
B. dysentery (feces)	7	79	1
Dysentery (blood reaction for)	7	14	1
Gonococcus infection (urine)	..	1	..
Malarial parasite (blood)	7	67	..
Meningococci	..	4	..
Ophthalmia neonatorum	42	38	4
Poliomyelitis	1	..	..
Pneumonia	2	3	..
Rocky Mountain spotted fever	2	3	..
Tularemia	2	39	2
Typhus fever (blood reaction for)	2	23	..
Undulant fever	92	500	7
Vincent's angina	166	480	7
Special examination of restaurant utensils	2	27	..
Other unusual examinations	48	144	5
Total	1,124	4,324	60
Grand total	..	..	5,508

TABLE XII

Specimens Examined for Evidence of Brucella Infection, During Fiscal Year Ending June 30, 1936

Undulant fever	Positive	Negative	Unsatisfactory
Agglutination test of human blood	78	474	5
Human blood (culture for type of organism)	1	2	..
Feces (culture for type of organism)	..	2	..
Urine (culture for type of organism)	..	1	..
B. abortus	..	..	..
Agglutination test of cow's milk	13	18	2
Agglutination test of goat's milk	..	3	..
Total	92	500	7
Grand total	..	..	599

TABLE XIII

Rabies Specimens, Species of Animals, Positive, Negative and Unsatisfactory,
Examined During Fiscal Year Ending June 30, 1936

Dogs—Positive, 149; Negative, 116; Unsatisfactory, 11.
Cats—Negative, 4; Unsatisfactory, 1.
Cow—Positive, 1.
Squirrel—Negative, 1.

TABLE XIV

Municipalities, Arranged by Counties, from Which Rabid Animals Were
Examined During Fiscal Year Ending June 30, 1936

Burlington County—Beverly, 2; Bordentown, 1; Burlington, 9; Columbus, 1;
Delanco, 2; Edgewater Park, 1; Medford, 2; Moorestown, 8; Mt. Holly, 2;
Palmyra, 1; Riverside, 1; Riverton, 3; Vincentown, 1.
Camden County—Audubon, 4; Camden, 64; Collingswood, 1; Haddonfield, 2;
Haddon Heights, 6; Merchantville, 3; Oaklyn, 3; Westmont, 1; Westville, 1.
Cumberland County—Vineland, 1.
Gloucester County—Forest Grove, 1; Gibbstown, 1; Paulsboro, 1; Pitman, 1;
Swedesboro, 1; Wenonah, 1; Woodbury, 5; Woodbury Heights, 1.
Hunterdon County—Clinton, 1; Sergeantsville, 1.
Mercer County—Trenton, 9.
Middlesex County—Metuchen, 1; Stelton, 2.
Somerset County—Somerville, 1.
Union County—Linden, 1; Rahway, 1.
Warren County—Phillipsburg, 1.

TABLE XV

Mailing Cases for the Collection and Transmission of Specimens Supplied
to Physicians and Repositories Throughout the State During
Fiscal Year Ending June 30, 1936

Diphtheria—Regular mailing cases	9,756
Serum tubes and swabs	200
Extra swabs	1,662
	<hr/>
	11,618
Tuberculosis mailing cases	13,429
Typhoid fever mailing cases	4,386
Malaria mailing cases	216
Gonorrhoea mailing cases	8,461
Feces and urine mailing cases	7,837
Syphilis mailing cases	56,079
Ophthalmia neonatorum mailing cases	114
	<hr/>
Total	102,140

TABLE XVI

Culture Media Prepared During Fiscal Year Ending June 30, 1936

Endo Agar	180,000 c. c.
Brilliant Green Agar	110,000 c. c.
Infusion Agar	42,800 c. c.
Triple Sugar Agar	11,000 c. c.
Plain Agar	195,000 c. c.
Eosin Methylene Blue Agar	7,000 c. c.
Diphtheria Agar	1,000 c. c.
Infusion Dextrose Agar	1,000 c. c.
Sheep Serum Agar	4,000 c. c.
Double Strength Broth	500,000 c. c.
Single Strength Broth	610,000 c. c.
Infusion Dextrose Broth	17,000 c. c.
Infusion Broth	35,000 c. c.
Sheep Serum Broth	3,000 c. c.
Neutral Broth (Fermentation Tubes)	1,000 c. c.
Dextrose Broth	11,000 c. c.
Brilliant Green Bile	165,000 c. c.
Blood Serum	22,000 c. c.
Fuchsin Solution	500 c. c.
Dilution Water	16,000 c. c.
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Total	1,932,300 c. c.

Report of Bureau of Chemistry

For the Year Ending June 30, 1936

J. E. BACON, CHIEF

The Bureau of Chemistry makes chemical and bacteriological examinations of samples of foods, drugs, water, sewage and trade wastes collected by the Department's representatives in the enforcement of the Pure Food and Drug Act and of the Public Health Laws of New Jersey. The facilities of the laboratory are also extended to Local Boards of Health, State Department of Public Instruction, State Purchasing Commissioner, New Jersey State Police, State Board of Pharmacy, Fish and Game Commission, State Institutions and State Tax Department. Analyses are also made of various samples of foods and supplies purchased under specifications for institutional use, drugs collected by the inspectors of the State Board of Pharmacy, rural school waters submitted by Local Boards of Education, water supplies from camps maintained by benevolent associations and other miscellaneous samples.

Assistance is given to Local Boards of Health and water works laboratories desiring to install chemical control or supplement existing laboratory facilities. Instructions in chemical procedures are given the personnel of such laboratories when requested.

The Bureau makes investigations of those establishments producing chemicals which give rise to obnoxious, objectionable fumes and furnishes expert advice to Local Boards of Health to assist in abatement of such nuisances.

Seventeen thousand three hundred and eighty-eight samples of food, drugs, water, sewage and miscellaneous preparations have been examined during the past year. The tabulations indicate the variety of products analyzed.

During the past year 688 samples were examined from 544 schools having their own water supplies. The Department has no jurisdiction over these supplies as they do not come under the Potable Water Act and the results of examinations and interpretive letters are sent to the Commissioner of Education and the various Local Boards of Education. The majority of schools obtain their water from satisfactory sources, but 14 per cent. of the supplies are still unsatisfactory. Most of these are in those communities where water is obtained from wells in the neighborhood, the schools not having a source of supply on the premises.

TABULATION

Number of School Water Supplies	544
Number of School Water Samples Examined	688
Number of School Water Supplies Found Satisfactory	391 or 71.8%
Number of School Water Supplies Found Suspicious	77 or 14.2%
Number of School Water Supplies Found Condemned	76 or 14.0%

TABLE SHOWING NUMBER AND CHARACTER OF SAMPLES EXAMINED IN FOOD AND DRUG LABORATORY DURING THE FISCAL YEAR ENDING JUNE 30, 1936

	<i>Above Standard</i>	<i>Below Standard</i>	<i>Total</i>
Milk	4,055	66	4,121
Milk, Chocolate	16	...	16
Milk, Human	2	...	2
Milk, Bacteriological	29	...	29
Milk, Evaporated	24	...	24
Sour Cream	140	16	156
Cream	672	17	689
Ice Cream	635	54	689
Ice Cream Products	37	13	50
Butter	181	3	184
Lard	51	3	54
Cheese	13	4	17
Hamburg	776	47	823
Pork Sausage	195	105	300
Alcoholic Beverage	144	14	158
Soft Drinks	43	23	66
Fruits and Vegetables for Arsenic Spray	94	6	100
Vinegar	5	2	7
Extracts	4	1	5
Relishes	4	...	4
Coffee	3	...	3

	<i>Above Standard</i>	<i>Below Standard</i>	<i>Total</i>
Honey	6	4	10
Alkaloids	2	1	3
Candy	2	1	3
Egg Noodles	1	6	7
Total Foods	7,134	386	7,520
Citrate Magnesia	59	6	65
Olive Oil	53	2	55
Hair Tonics	72	8	80
Hydrogen Peroxide	68	18	86
Fat Reducers	29	1	30
Camphorated Oil	146	7	153
Spirits Nitre	84	83	167
Witch Hazel	86	4	90
Toilet Water	21	2	23
Tincture Iodine	187	3	190
Chloroform Liniment	20	48	68
Boric Acid	53	...	53
Mineral Oil	5	...	5
Rubbing Alcohol	47	...	47
Spirits Camphor	63	3	66
Epsom Salts	12	...	12
Milk Magnesia	14	...	14
Castor Oil	27	...	27
Saccharin Tablets	18	7	25
Blue Ointment	4	...	4
Quinine Sulfate	4	...	4
Brown's Mixture	27	...	27
Cod Liver Oil	13	...	13
Essence Peppermint	4	3	7
Ephedrine Inhalant	4	...	4
Larkspur Lotion	4	...	4
Boric Acid Ointment	2	...	2
Miscellaneous	45	4	49
Urinalysis	22	1	23
Total Foods and Drugs	8,327	586	8,913

SAMPLES ANALYZED IN WATER AND SEWAGE LABORATORY FROM JULY 1, 1935, TO JUNE 30, 1935

MONTH	Public Water Supplies										Private Water Supplies						Total Samples								
	Collected by Local Boards of Health	Pay Samples	Second Samples	Camp Samples	U. S. Government	Collected by Em. phones	Institutions	County Institutions	State Institutions	School Supplies	Dairy Supplies	Bathing Water Samples	State Park Samples	Bottled Water Supplies	Water-shed Samples	Stream Samples		Sewage Samples	Trade Waste Samples	Sand Samples	Experimental Wastes	Experimental Samples	Surf Samples	Miscellaneous Samples	Cannery Samples
1935	203	0	0	18	2	10	4	4	10	2	2	2	4	71	100	149	18	1	932	11	12	30	10	9	1182
July	271	0	0	9	2	2	2	5	10	1	14	4	101	627	100	8	8	1	0	1	12	30	10	1	1843
August	164	0	0	3	1	6	1	5	2	1	18	4	63	68	11	13	4	1	1	1	10	20	2	1	446
September	219	0	0	1	1	3	2	19	77	4	4	6	124	88	122	4	20	4	1	1	30	20	20	1	720
October	153	0	0	1	1	3	3	6	11	0	1	1	61	120	101	16	16	6	1	1	11	10	10	1	709
November	133	0	0	1	1	3	3	6	11	0	4	4	50	60	277	6	6	3	1	1	17	10	10	1	681
December	297	4	4	1	1	3	1	18	121	1	1	1	7	4	47	18	0	0	1	18	18	18	18	1	682
1936	204	14	1	2	12	4	1	136	19	1	1	1	1	7	4	72	0	0	1	20	20	20	20	1	439
January	216	20	1	2	10	4	2	14	20	0	1	1	1	42	115	4	8	1	1	1	1	20	10	1	543
February	216	20	1	2	10	4	2	14	20	0	1	1	1	42	115	4	8	1	1	1	1	20	10	1	543
March	216	20	1	2	10	4	2	14	20	0	1	1	1	42	115	4	8	1	1	1	1	20	10	1	543
April	216	20	1	2	10	4	2	14	20	0	1	1	1	42	115	4	8	1	1	1	1	20	10	1	543
May	101	32	5	8	1	8	4	6	4	35	4	2	17	102	40	82	8	10	1	8	21	8	21	1	485
June	444	6	1	20	4	3	4	14	25	4	2	8	17	101	76	92	10	1	1	40	18	18	18	1	920
Totals	2000	800	52	72	27	43	9	52	182	688	41	74	5	74	871	1246	1110	101	8	94	101	304	11	1	8475

Report of the Bureau of Child Hygiene

For the Calendar Year 1935

JULIUS LEVY, M.D., CONSULTANT

INFANT MORTALITY

The infant mortality rate for New Jersey for 1935 was 46 per 1,000 live births. This is the same as for 1933, the lowest rate ever reported in the State of New Jersey. According to the tables issued by the United States Department of Labor, there are only 9 States with an infant mortality rate less than 50, including New Jersey. There has been a consistent decrease in the trend of infant mortality rates from 118 in 1918 to 46 in 1935. Practically all the reduction in the infant mortality rate of the first year of life has been over the age of one month. A slight reduction has occurred between one week and four weeks. It would seem, that since half the deaths under one year occur in the first week of life, there will be very little reduction in the infant mortality rate in the future unless the mortality for the first week is reduced.

Of the 21 counties in the State, Union County with an infant mortality rate of 38 has the best record, while Warren County with an infant mortality of 63 has the highest. There were three cities among the ten largest in the State with rates under 40. East Orange with 31 had the lowest rate and Camden with 69 had the highest rate. Among the cities with populations between 10,000 and 25,000, Collingswood had the lowest rate—7, and Millville had the highest—75. Of those cities with populations between 25,000 and 50,000, Clifton had the lowest rate—34, and New Brunswick the highest—59.

MATERNAL MORTALITY

It is gratifying to note, for the first time in the history of the State, the maternal mortality rate below 5 per 1,000 births. The rate of 4.5 is .6 lower than any recorded rate. The average rate for the past 15 years has been 5.7.

A number of counties present a maternal mortality rate much higher than the State; Monmouth 7.7, Mercer 7.1 and Atlantic 6.9.

It is unfair to contrast figures for one year, particularly in communities with few births. The following tables give county and city rates for a four-year period. From this it would appear that while the contrasts are less marked, some of the rural counties present unusually high maternal mortality rates.

1932-35

Atlantic	5.8	*Gloucester	5.2	*Ocean	5.8
Bergen	4.3	Hudson	4.7	Passaic	6.2
*Burlington	6.4	*Hunterdon	8.8	*Salem	6.1
Camden	5.6	Mercer	7.0	*Somerset	4.3
*Cape May	6.5	Middlesex	4.3	*Sussex	6.6
*Cumberland	7.7	Monmouth	7.2	Union	4.2
Essex	4.1	Morris	4.6	*Warren	7.8

* Rural.

CITIES

Atlantic City	7.5	Jersey City	4.7	Bayonne	3.9
Camden	5.7	Elizabeth	5.3	Trenton	7.4
Newark	4.3	East Orange	3.6	Paterson	5.9
				Passaic	6.3

While the city of Passaic had the lowest maternal mortality rate for 1935—2.7, the rate for a four-year period is high. Atlantic City had the highest rate—8.9. This city has held a consistently high rate for a period of years as has the city of Trenton. For a period of years, East Orange has had the lowest rate closely followed by Bayonne and Newark, the largest city in New Jersey.

During the past year there were 245 maternal deaths. 20.4 per cent. of this number occurred in the first three months of gestation; 12.6 per cent. in the second three months and 67 per cent. in the last three months.

EXTENSION OF HEALTH SUPERVISION

The number of child hygiene nurses increased from 148 in 1934 to 160 in 1935, covering 469 communities. One hundred twenty-three of these nurses were paid entirely by the communities in which they worked. There were only 12 paid entirely by the State. Twenty-five were paid partly by the State and partly by the communities in which they worked.

Nurses were placed in the following communities for a demonstration period:

Atlantic County— Buena Vista Twp. Egg Harbor Twp.	Cape May County— Upper Twp.	Middlesex County— Jamesburg Sayreville South Brunswick Twp. South River
Camden County— West Berlin	Gloucester County— Elk Twp. Mullica Twp. Washington Twp.	Morris County— Kinnelon

At the request of the Ocean County Health Department, supervisory and advisory training services were given to their nurses.

During the year, 28 communities assumed whole or part of the salary of the child hygiene nurse. The total obligation assumed for the year was \$10,657. This released the full salary of over 7 nurses, allowing for the continuous extension of the work. These communities were:

Bergen County— Cresskill	Essex County— Belleville	Sussex County— Hardyston Twp. Sandyston Twp. Branchville Frankford Twp. Lafayette Twp. Hampton Twp. Andover Green Twp.
Burlington County— Maple Shade	Gloucester County— Westville	Warren County— Blairstown Twp. Allamuchy Twp. Independence Twp. White Twp.
Cape May County— Dennis Twp. Stone Harbor Upper Twp. West Cape May Lower Twp.	Hunterdon County— Clinton	
Cumberland County— Landis Twp. Vineland	Passaic County— West Milford	
	Salem County— Pittsgrove Twp. Lower Penns Neck Twp. Penns Grove	

TRAINING OF NURSES

All Child Hygiene nurses under the supervision of the Bureau of Child Hygiene, whether paid by the State or their own communities, are given an intensive course of training by this Bureau in the functions and duties of their work. The period of training was two weeks. Plans have now been made to extend this to four weeks in order to give nurses a more intensive understanding of preventive public health work in connection with maternal and child health before they begin actual work in their respective communities.

PARENT-CHILD RELATIONSHIPS

Under this heading we have been developing what is ordinarily called Mental Hygiene. We have indicated clearly that our approach to the problem of behavior and adjustment in children is to be limited entirely to prevention. Mental Hygiene is still associated more with the idea of earlier detection of psychotics and frank behavior problems and a more humane and constructive handling of these cases.

The child hygiene nurse through her early contact with the expectant mother, young infant and preschool child has unusual opportunity to anticipate situations in child care and management that result from bad habits and undesirable attitudes.

Believing that a great deal can be accomplished by preventive measures in calling attention to these limitations in child behavior, a course was arranged in connection with Newark University in the understanding and management of the child. Seventy-five Child Hygiene nurses and supervisors finished a two semester course for which they have received credits.

Additional courses are being given in Camden to a class of 50 nurses.

It is our intention now to follow-up this instruction by making available to the nurses an Advisor in Parent-Child Relationships.

CONFERENCES

The Annual Child Hygiene Conference took place at the Elizabeth Carteret Hotel in Elizabeth on October 24, 1935. There was an attendance of 500 people, made up largely of nurses, but including teachers, social workers and physicians.

Greetings were extended to the group by Dr. Mahaffey and Miss MacNaughton. The principal speakers were Dr. Clarence M. Hincks, General Director of the National Committee for Mental Hygiene; Mrs. Sidonie M. Gruenberg, Director of the Child Study Association of America, and Dr. Doris A. Murray of the U. S. Children's Bureau.

The program was very definitely related to our effort to educate the nurses in preventive mental hygiene.

EXHIBITS

Exhibits of charts and other material relating to the work of the Bureau were displayed at the Child Hygiene Conference in Elizabeth, the Woman's Club Conference in Atlantic City, the Health Officer's Conference in the State House, the Safety Conference in Trenton, National Emergency Council in Newark, at fairs and various health meetings.

Since these conferences are attended by people from all parts of the State interested in general welfare work, it has been found the exhibits stimulate interest in this particular phase of community activity and lead to requests for child hygiene nurses in the State.

STATISTICAL SUMMARY

One hundred and sixty child hygiene nurses supervised by the State Department of Health had under their supervision:

7,003 expectant mothers
 20,898 infants
 40,606 children from 1 to 6 years of age
 128,497 school children
 123 nurses were paid entirely by the communities in which they work
 25 were paid partly by the communities and partly by the State
 12 were paid entirely by the State
 469 communities were benefited by these nurses
 163 baby keep-well stations were conducted weekly

Visits made in the homes by the nurses	327,877
To expectant mothers	30,239
To babies	120,041
To preschool children	116,120
To school children	61,477
Visits made to Baby Keep-Well Stations	85,531
By babies	63,132
By preschool children	22,399
Illnesses and defects (not including school child)—	
Detected	8,544
Corrected	4,575
Contagious diseases (suspected cases discovered)	2,587
Unsanitary conditions discovered	580
Eye smears taken	25
Suspected tuberculosis cases referred	550
Children under six years of age vaccinated	3,640
Children under six years of age receiving toxoid	6,009
Child Hygiene Leagues conducted	73
School Children—	
Inspections (annual, general, classroom or assisting doctor)....	1,019,040
Defects detected	147,608
Defects corrected	48,731
Illnesses detected	5,583
Pupils excluded by principal	17,548
Children receiving toxoid	3,902
Nose and throat cultures taken	302

SOCIAL SECURITY ACT

Plans were submitted to and approved by the Children's Bureau, Washington; funds to be available beginning February, 1936. In a general way these plans provide for the payment of fees to

Doctors conducting baby keep-well stations
 Doctors in prenatal centers where there were no prenatal clinics
 Doctors to advise physicians in obstetrical and post-natal care and preventive pediatrics
 Doctors in consultation
 Lecturers in preventive pediatrics and obstetrics
 Delivery nurse service in "low wage groups".

Since the plan did not get under way until 1936, details will appear in the next annual report.

BOARDING HOMES

While the act of licensing boarding homes for children is now made the duty of the local health officers, we are maintaining interest in the work. The child hygiene nurses are often requested by the health officers to make the investigation of the homes for them.

MATERNITY HOMES

During the year the practice was established of asking the County Medical Association to express an opinion of a maternity home before granting a license. County associations have been very co-operative and have helped with advice and suggestions.

There were 26 applications for licenses to conduct maternity homes in 1935. Twenty homes were recommended for renewal of license, 4 homes were recommended for the first time and 2 homes were rejected. Twenty-two homes were licensed for 1 to 4 patients and 2 homes for 5 to 15 patients.

Homes were conducted by the following:

Graduate nurses	4	Physicians	1
Practical nurses	16	Licensed midwives	3

Three hundred and sixty cases were delivered in maternity homes. There were no maternal deaths, 3 infant deaths and 7 stillbirths.

Regular inspections were made of all maternity homes and all abnormal cases were carefully investigated.

MIDWIFERY

There were 363 licensed, registered midwives in New Jersey during 1935. Three hundred and eleven of these were supervised by the State Department of Health and 43 by local authorities. Nine were from other States. There was a decrease of 51 midwives from the previous year.

107 midwives delivered more than 12 cases per year
162 midwives delivered less than 12 cases per year
42 midwives delivered no cases

Nine investigations were made to find whether or not unlicensed midwives were practicing in the State. Investigation proved that there were no unlicensed midwives practicing.

Midwives delivered 6.7 per cent. of the births of the State in 1935, a decrease of more than 1 per cent. from 1934.

In certain communities, midwives still deliver a large percentage of the births:

Carteret	47%	South River	32%
Garfield	28%	Perth Amboy	35%

The following tables show the decrease in births delivered by midwives for a period of years:

<i>Year</i>	<i>Births</i>	<i>Number Delivered by Midwives</i>	<i>Percentage</i>
1918	70,935	30,000	42.2
1923	76,530	17,645	23.0
1928	68,297	11,352	16.6
1933	56,072	5,135	9.1
1935	55,059	3,678	6.7

Counties in which midwives delivered more than 10 per cent. of the births were: Union, Passaic, Somerset and Middlesex.

Cities in which midwives delivered more than 10 per cent. of the births were: Bayonne, Passaic, Long Branch, Paterson, Linden, Cliffside Park, Hoboken, Lodi, Elizabeth, Perth Amboy, Garfield, South River and Carteret.

One thousand five hundred and seven or 41 per cent. of the total cases delivered were referred by the midwives for prenatal supervision.

The district supervisors attended 18 deliveries and post-partum cases with the midwives.

Seven per cent. of the total cases delivered by midwives were reported as abnormal. In 94 per cent. of all abnormal cases reported, patients were attended by physicians.

While the midwives attended 6 per cent. of the births, they were in attendance on only 5 per cent. of maternal deaths.

Twenty-nine abnormal cases were thoroughly investigated to find whether or not midwives were guilty of mal-practice as follows:

Puerperal deaths	14	Puerperal Fever	1
Infant deaths	3	Stillbirths	6
Sepsis	1	Abnormal Pregnancy	1
		Ophthalmia case	1

In no instance was evidence found against a midwife and no midwives were referred for prosecution during the year.

Local courts prosecuted 3 midwives for criminal abortions and found them guilty. The State Board of Medical Examiners revoked the license of 1 and suspended the licenses of 2.

Meetings were held during the year for each county group of midwives. They were well attended. Lectures were given by well known obstetricians.

The 12th Annual Conference of the Midwives of New Jersey was held in Perth Amboy on May 23, 1935. Lectures on the Prenatal and Postnatal care of the new-born, on Maternal Mortality and Morbidity and related topics were given at the meeting.

The policy of the Emergency Relief Administration to pay midwives a \$10.00 fee for their patients who were registered with the Emergency Relief was continued for the year. However, when the W. P. A. work was started in the State and work was given to husbands of these patients, fees for midwives were discontinued. This meant that many of their patients were again forced to enter hospital wards and contributed to the reduction of the number of cases delivered by midwives.

Effort, which extended over a period of months, was made to work up a project for midwives, who were actually on relief or near relief, to be paid from W. P. A. funds. The supervisors were greatly disappointed when this was found impossible.

Report of the Bureau of Venereal Disease Control

For the Year Ending June 30, 1936

ARTHUR JAY CASSELMAN, M.D., DR. P. H., CONSULTANT

The Bureau was established through the co-operation of the United States Public Health Service because the examination of recruits during the World War showed the prevalence of syphilis and gonorrhoea. The United States Public Health Service's plan for controlling venereal disease was based on medical, educational, and law enforcement measures.

During the past fifteen years the law enforcement measures, particularly those directed against commercialized prostitution, have decreased in importance. The commercial prostitutes have decreased in importance and number and have been replaced, as spreaders of venereal disease, by a still larger army of charity girls.

Educational measures are being continued, because syphilis and gonorrhoea are most common among the ignorant. Elementary lectures are provided particularly for the ignorant, but talks are given also to the better educated so that they will see the necessity for local organizations to help in the control work. The cheapest form of educational work, the distribution of pamphlets to interested persons, was least used partly because of a budget restriction on the item of printing.

Medical measures were emphasized in the program more than ever. The increasing emphasis on diagnosis and treatment is in accord with the findings of the New York City Commission to investigate the prevention and control of syphilis and gonorrhoea in Scandinavian countries and Great Britain.

The present Surgeon General of the United States Public Health Service was a member of that commission which reported that the critical problem in America is that of bringing all infectious

cases of syphilis and gonorrhoea, regardless of economic status, under medical care. To make the control program more effective during the coming year the State venereal disease control funds have been more than doubled by a special grant from the Federal treasury under the National Social Security Law.

Some funds for venereal disease control were available from the Federal treasury during the latter part of the fiscal year, permitting the addition of one physician and three follow-up workers to the bureau organization.

STATISTICS

Statistics always constitute a necessary but unreliable method of evaluation of a bureau's work, yet precedent demands a certain amount of tabulation.

The table below gives the reported cases in New Jersey by county, disease and sex for the calendar year of 1935, together with the yearly rate per thousand:

County	Gonorrhoea		Syphilis		Chancroid		Total	Popu- lation	Rate Per M
	M	F	M	F	M	F			
Atlantic	274	39	264	234	1	0	812	136,100	5.966
Bergen	99	47	147	138	1	0	432	407,800	1.059
Burlington ...	63	13	64	65	5	0	210	96,800	2.169
Camden	150	50	256	254	3	0	713	269,400	2.646
Cape May ...	21	5	22	17	0	0	65	32,200	2.018
Cumberland ..	64	12	44	46	2	0	168	72,200	2.326
Essex	1,008	280	1,179	1,565	21	3	4,056	883,900	4.588
Gloucester ...	26	5	48	35	0	0	114	77,000	1.480
Hudson	51	12	57	34	3	1	158	707,800	.223
Hunterdon ...	21	10	14	48	0	0	93	35,200	2.641
Mercer	227	59	332	216	2	0	836	194,700	4.293
Middlesex ...	95	32	120	73	2	0	322	226,000	1.425
Monmouth ...	79	20	200	186	1	1	487	158,900	3.064
Morris	44	13	49	63	1	0	170	118,100	1.524
Ocean	20	2	23	13	0	0	58	36,100	1.606
Passaic	129	42	120	90	3	0	384	314,000	1.223
Salem	35	3	56	53	0	0	147	36,900	3.956
Somerset ...	32	6	16	19	0	0	73	69,800	1.047
Sussex	12	3	11	7	0	0	33	28,600	1.153
Union	114	27	184	147	2	0	474	334,400	1.417
Warren	8	4	8	5	0	1	26	50,500	.514
Total	2,572	684	3,214	3,308	47	6	9,831	4,288,000	2.059

For purposes of comparison the totals of the cases of gonorrhoea, syphilis and chancroid reported for the calendar years of 1934 and 1935 are here reproduced.

	Gonorrhoea	Per Cent.	Syphilis	Per Cent.	Chancroid	Per Cent.	Total
1934	3,227	.318	6,837	.674	75	.008	10,139
1935	3,256	.331	6,522	.663	53	.006	9,831

Chancroid has dropped 22; syphilis 315; but gonorrhoea has an increase of 29 cases, making a net decrease of 308 cases. The ratio between the cases of gonorrhoea and syphilis remains substantially the same.

The startling incidence of the venereal diseases is ordinarily passed over in such a cool matter of fact way that the average person is appalled to learn of their prevalence and seriousness. In this connection the following tables are extremely interesting:

	Reported Cases		Reported Deaths	
	1934	1935	1934	1935
Measles	15,155	33,487	50	55
Chickenpox	14,364	14,489	2	5
Whooping Cough	9,868	13,088	63	98
German Measles	4,053	11,067	1	1
Mumps	3,246	5,808	3	5
Scarlet Fever	6,234	5,497	64	25
Pneumonia	4,814	4,814	2,802	2,712
Tuberculosis	4,094	4,236	2,230	2,143
Diphtheria	850	817	56	48
Poliomyelitis	62	513	13	35
Typhoid Fever	277	179	32	22
Gonorrhoea	3,227	3,429	24	26
Syphilis	6,837	6,980	498	514
Locomotor Ataxia				
General Paresis of Insane				

CLINIC PATIENTS FOR FISCAL YEARS 1933, 1934, 1935 AND 1936

	1933	1934	1935	1936
Syphilis	4,810	4,663	4,516	3,890
Gonorrhoea	2,638	2,381	2,445	2,276
Total	7,448	7,044	6,961	6,166

After remaining practically stationary for several years the ratio of clinic patients to those reported by private physicians has changed considerably during the past fiscal year. For the year ending June 30, 1935, out of every thousand patients reported 686 went to the clinics and 314 to private physicians. For the year ending June 30, 1936, out of a thousand patients 627 went to the clinics and 373 to private physicians. This relative gain of almost 20 per cent. in the number of private patients treated during the past year may be due to a somewhat improved economic situation, and partly to the provision of free drugs to private physicians for use for indigent and semi-indigent infectious patients. It is cheaper for the taxpayers to supply these free drugs than it is to treat these patients in free clinics.

ANALYSIS OF SOURCES OF INFECTION

The following table classifies the sources of infection that were reported to the State Department of Health for the fiscal years ending June 30, 1934, 1935 and 1936:

	1934	1935	1936
Professional prostitutes and brothels ..	35	37	47
Clandestine prostitutes	245	226	176
Husband or wife	207	197	225
Congenital	344	311	301
Miscellaneous	5	...	...
Total	836	771	749

Once again the congenital cases constitute the most numerous of those whose sources of infection are given and these are the cases that can be eliminated by education. If all pregnant women would undergo a Wassermann test in the first few months of pregnancy and then if those who are positive would undergo regular supervised treatment until the birth of the child congenital syphilis will cease to exist and with it will go one of the most distressing types of syphilis, and at the same time the one most easily controlled. Wassermann tests are performed usually too late in pregnancy to prevent syphilis in the offspring of infectious mothers. The ideal plan is to examine the blood for syphilis of all women of child-bearing age.

Infections contracted from a husband or wife are now the second largest class. Here again we must call upon education to do its part in acquainting all those who are of a marriageable age with the need for insistence on a physical examination by a reputable physician.

ACTION TAKEN ON SUSPECTED SOURCES OF INFECTION

During the past fiscal year 203 cases of persons reported as being the probable sources of infection have been referred to local health executives for investigation. This is a little less than the preceding year.

	1934	1935	1936
Under supervised medical treatment	59	56	52
Unable to locate the person named	51	70	59
Examined but found presumably non-infectious	48	32	34
Other acceptable disposition (agreed to take treatment, etc.)	21	25	25
Disposition unknown, or unsatisfactory (evaded supervision by moving, etc.)	7	1	..
Referred to health officials in other states	24	20	21
Handled by police authorities	3	5	3
No response from local health authorities	13	9	9
Total	226	218	203

Analyzing the above figures one is really surprised that such a small percentage of physicians have given the name and address of the source of infection and in over a quarter of the cases the person could not be found at the location given or else the location was fictitious. Yet with all this we have been able through local health officers to have 52 persons put under supervised medical treatment; and to secure a satisfactory disposition, in that the person agreed to take treatment under the guidance of a physician or local health officer, in 34 cases. The number of health officers who absolutely ignored our communications were only nine. The usual cordial reciprocity between New Jersey and other States continues and the number of times it has been necessary to call upon the police authorities for assistance is almost negligible.

We have had occasion to take up 31 cases with local health officers for other reasons than their being sources of infection

and we have also referred to local health executives 16 cases where patients were delinquent in taking treatment.

The coming year with enlarged appropriation the matter of patients delinquent in taking treatment will make up a good part of the program. Ordinarily these people are not dangerously infectious but they will, without treatment, soon drift into being public charges and then their cost of maintenance will far exceed their cost of present treatment.

VENEREAL DISEASE TREATMENT FACILITIES

A new list has been prepared showing the location, hours, and personnel of the 36 clinics in New Jersey. No new clinic has been established during the year. There has also been included the names and office addresses and office hours of 323 physicians in the State, who have reported at least three cases of venereal disease during 1934. The list is intended for reference purposes and has been distributed among physicians, health workers and others interested.

RELIEF PATIENTS

The rule adopted for the handling of cases of emergency relief syphilitics on the whole has worked out satisfactorily. The Bureau of Venereal Disease Control provided clinics with emergency supplies of drugs that were easily sufficient to cover the cases of relief patients. When the patient lived remote from a clinic, treatment became an obligation of the community where the patient resided, and if the physician treated the patient for a fee of not to exceed two dollars per week or two dollars per treatment, payment for which was made by the local community, drugs were furnished by the Bureau.

The Emergency Relief Commission never faced the question frankly by agreeing to pay physicians for treatment of syphilis. It was found that some physicians secured payment for their services by treatment of venereal disease cases under different names. This indirect method is not entirely commendable and it is hard to understand why the E. R. A. did not frankly assume its responsibility.

Two hundred and sixty-three physicians were furnished nearsphenamine and bismuth for reporting the name and address of the probable source of an infection. Five hundred and fifty qualified for an equal amount of free drugs for treatment of indigent, infectious cases.

DIAGNOSTIC FACILITIES

The State Laboratory, county, city, and hospital and private laboratories provide adequate diagnostic facilities except in the case of darkfield examinations to be used in the early infectious stage of syphilis. When the diagnosis can be made only by means of the darkfield apparatus is the time of most importance to diagnose syphilis. Then the dangerous syphilitic can be made rapidly non-infectious.

A survey of darkfield facilities has been made and a directory of these facilities is being published in the Journal of the Medical Society of New Jersey. Many clinics are still without a darkfield apparatus and many others frequently neglect this important method of early diagnosis. There are adequate facilities for darkfield examinations for pay patients, but society has not made adequate provision to pay for this service for indigent patients in most, even of the larger, cities. Provision has been made in the Bureau program to increase the darkfield facilities and to encourage the use of the darkfield examination for the immediate diagnosis of early syphilis.

DRUGS AND SUPPLIES

About one-fourth of the appropriation of the Bureau is spent for medical supplies, as medical treatment is the most effective method of control.

The drugs used must be efficient and purchased economically. For the sake of efficiency, only the standard arsphenamines were purchased. This year, however, arsenoxid (mapharsen) was supplied when requested, as a substitute for nearsphenamine when the drug with the higher arsenical content was not so well tolerated.

Bismuth was supplied as an oily suspension of bismuth subsalicylate, containing 0.2 gm. bismuth metal to the c.c. A similar suspension had been made up by the consultant and used satisfactorily for over ten years on private patients, in preference to the high priced and painful commonly used preparations, which usually contain less than half as much bismuth. This preparation was bought on the specification of an open formula and put up by various drug houses at a cost always of less than two cents per dose of 1 c.c. containing 0.2 gm. bismuth.

The use of 5 c.c. syringes was encouraged in preference to 10, 20, or even 30 c.c. syringes for the injection of neoarsphenamine, because of the lack of necessity of the greater bulk of distilled water and the much lesser cost of the smaller syringe. Many physicians, however, prefer to inject the additional bulk of distilled water.

One-half ounce gelatine capsules, each containing an 0.03 gm. tablet of neutral acriflavine as a part of the treatment of gonorrhea in women were available to all physicians. An unexpectedly large number of requests for these capsules caused our supply to run out too rapidly to fill the requests. Additional supplies could not be purchased for months because of a limited budget. The necessary amounts of supplies to properly care for the fluctuations in demand or use cannot be carried, because objections are raised to the carrying of the necessarily large inventories.

CONSULTANT SERVICE TO PHYSICIANS

It has always been the policy of the Bureau to provide medical consultation service in venereal diseases when requested by the practising physicians. The necessity for special advice has been reduced by the furnishing to physicians of routines of treatment prepared by the consultant, by the distribution of "Venereal Disease Information" by the United States Public Health Service, and by the educational work of the Journal of the American Medical Association, and by the generally increased knowledge about syphilis by the modern physician. Many inquiries come in from the particularly well-informed physicians who want special information about methods or drugs still in the experimental

stage. In the past year arsenoxoid (mapharsen) has taken its place as a reliable substitute for the arsphenamines when they are not well tolerated.

CONFERENCE OF CLINIC WORKERS

A State venereal disease conference, designed primarily to attract the attention of physicians, health officers, clinic social workers, nurses, etc., was held at the Mountainside Hospital at Montclair, Tuesday, November 19th. More than a hundred were in attendance. The morning session, presided over by Dr. Chas. V. Craster, Health Officer of Newark, was the occasion for the presentation of several papers by physicians. Dr. Irwin Markowitz, Chief Clinician of the Christ Hospital clinic at Jersey City, Dr. Louis E. Goldberg of the Pediatric Department of the Essex County Isolation Hospital, Dr. Ellis L. Smith, Superintendent of the Mountainside Hospital, and Dr. J. E. Kiley of the Montclair clinic discussed matters of keen interest to the physicians.

The consultant of the Bureau of Venereal Disease Control described a method of standardizing the Wassermann test, and he was followed by Dr. L. D. Bristol, Health Director of the American Telegraph and Telephone Company in a discussion of control measures affecting gonorrhea and syphilis and their application in Montclair.

The afternoon session had Mr. H. R. H. Nicholas, Health Officer of Englewood, as chairman. Assistant Surgeon J. R. Heller, Jr., of the United States Public Health Service, spoke about a program for venereal disease control. Dr. R. R. Sellers of the syphilis clinics at Newark and the Oranges, took up the subject of congenital syphilis, and Miss Mildred E. Hearsey of the Presbyterian Hospital in New York, devoted her time to a discussion of the efficiency of the venereal disease clinics.

It was the consensus of opinion that meetings and conferences of this nature are of great value to workers in the venereal disease field and that they should be made an annual feature.

C. C. C.

There are few services that have received more real definite appreciation than that rendered to the C. C. C. camps throughout the State. This takes two forms; one, an illustrated lecture on the venereal diseases given to the young men en masse when they come to Camp Dix for mobilization; the other is the protection afforded the men in the branch camps from diseased prostitutes.

The C. C. C. movement in New Jersey has been subject to the same methods of control as characterized the army. By that is meant there is a constant change in plans and programs intended to control the young men while in the organization. This is probably due to the fact that in a measure the C. C. C. is still in an experimental state and the head officials have to find out which way is the best adapted for each camp. This means a frequent change in executive officers at branch camps as well as at Camp Dix, and it is hard to find a program that has outlasted a year. Yet during all these changes the influence of the Bureau has been exerted along the educational and protective lines. It has not been deemed for the best to preach morality to the men, but rather to stress gonorrhoea and syphilis, their dangers, and how contracted, and to impress upon all the need for prophylaxis after exposure and quick treatment if found to be infected. Hundreds of questions are hurled at the lecturer by the men, but the one most frequently asked is about the value of the condom or sheath. The issue is met frankly, and the men are told that the mechanical prophylaxis is the best. The number of branch camps in New Jersey has grown to 38 besides Camp Dix, and the commanding officers request addresses regularly.

INVESTIGATIONAL

More and more it is being realized that reliance on health officers of rural sections to secure examination of suspected sources of infection is a failure. Due to the century old ideas with regard to gonorrhoea and syphilis the health officer in a small town literally trembles when asked to investigate a local source of infection. He appreciates that diplomacy and delicacy are

necessary to handle the case, and although full directions as to the best way to handle the case are sent to him still he is more apt to ignore the case than to proceed along the line of his duty.

The services of a skilled investigator may be had on request by the local health executive, and these are availed of more and more each year. The Bureau was instrumental in having six infectious prostitutes committed to the Clinton Reformatory. The idea is not to take over the work of the local health officer but to show him how to proceed with cases of a delicate nature so he may know how to handle them himself a second time. There are very few communities in the State where situations do not exist where promiscuity and venereal disease are rampant in the public mind. However, with mere promiscuity the Bureau is not concerned and does not enter into a case unless the element of syphilis and gonorrhoea is present and there is need for the correcting influence of a reformatory.

The pleasant relations existing between prosecuting officers and the Bureau continue for it is realized that the State officials are not after glory but only want to help in cleaning up conditions that are inducive to disease.

EDUCATIONAL

During the past fiscal year 353 public meetings have been held and 43,841 persons addressed. This is a decrease from the preceding year when there were 408 meetings and 61,175 people in attendance.

The unusual severity of the winter weather cut down the number of meetings and their attendance. There were more cancellations this winter than ever before. Then the lecturer who addresses the men underwent a serious operation for the removal of a carbuncle, was on the sick list three months, and this was reflected in the number of winter C. C. C. meetings.

MEETINGS HELD EACH MONTH, WITH THE TOTAL ATTENDANCE FOR THE MONTH, AND THE TYPE OF ATTENDANCE AT THE MEETINGS

1935	Men Attend- ance No.	Women Attend- ance No.	Men & Women Together Attend- ance No.		Students Attend- ance No.	Total Attend- ance No.
			No.	ance		
July	7	3,874	..	..	..	7 3,874
August	5	4,215	..	..	2 16	7 4,231
September	10	1,471	3	100	2 50	15 1,621
October	17	5,540	21	976	3 275	10 1,860
November	17	2,607	11	360	3 225	30 2,170
December	13	1,656	9	254	3 133	12 930
1936						
January	5	153	13	368	5 311	.. .. 23 832
February	3	102	3	70	7 317	11 860
March	3	136	8	249	2 55	5 1,280
April	14	1,323	8	260	8 577	34 5,730
May	20	3,075	5	168	5 230	5 677
June	10	1,173	1	15	.. ..	.. .. 11 1,188
Total	124	25,325	82	2,820	40 2,189	107 13,507
						353 43,841

GROUPS ADDRESSED

During the past fiscal year meetings have been held as follows:

Name of Group	Number of Meetings	Attendance
Children of high school age	107	13,517
Civilian Conservation Corps	61	21,100
Parent-Teacher Associations	58	2,561
Nurses	42	1,460
Rotary Clubs	15	519
Kiwanis Clubs	10	314
Women's Clubs	9	297
Junior Order United American Mechanics	8	599
Men's Clubs	7	422
Lions Clubs	7	207
Independent Order of Odd Fellows	6	457
Medical Groups	6	416
Conferences	6	295
Colored Groups	4	290
Films shown	4	185
Reformatory Inmates	2	1,162
Bible Class	1	40
	353	43,841

Below is a recapitulation of the number of meetings, the total attendance and the pamphlets distributed for each year since 1920:

	Number of Meetings	Attendance	Pamphlets Distributed
1920	376	72,192	353,873
1921	255	28,912	84,389
1922	232	28,111	120,032
1923	229	30,058	65,668
1924	300	41,629	49,560
1925	334	39,415	45,000
1926	357	38,923	50,000
1927	307	35,095	89,354
1928	308	28,624	38,146
1929	285	28,151	30,589
1930	388	37,954	49,502
1931	421	31,316	52,778
1932	327	25,276	27,279
1933	508	70,356	18,578
1934	482	66,427	24,441
1935	408	61,175	33,527
1936	353	43,841	18,438
	5,870	707,355	1,151,154

As already stated the drop in the number of meetings and the total attendance has been due to the severe weather conditions and the illness during the winter months of the speaker handling the talks for the civic clubs and young men. The demand for pamphlets was as great as ever but due to the small budget allotment for printing all our stocks of pamphlets became exhausted and there was no money to buy new ones. It is a matter of sincere regret that we were unable to furnish the pamphlets on request as they constitute the most valuable feature indeed of the educational work of the Bureau. A new pamphlet, entitled "V. D." was prepared. It describes the various activities of the Bureau of Venereal Disease Control and the work accomplished. A statement regarding prophylaxis also was prepared and distributed to clinic patients. This important type of educational work will be emphasized in the coming year.

Report of the Bureau of Public Health Education

For the Year Ending June 30, 1936

EDWIN C. LANIGAN, CHIEF

Public health education has taken the form of professional and lay advice and instruction, through the mediums of public consumption, including New Jersey's weekly and daily newspapers, radio, circulars, magazines and the Public Health News, the latter the accredited bulletin of the Department of Health of the State of New Jersey.

It is estimated that when the Department daily or weekly releases news bulletins or informative material on health topics to the press, possibly a majority of the State's nearly five million residents are contacted. Newspapers in New Jersey and in the metropolitan areas of New York City and Philadelphia are circularized regularly with bulletins of advice issued by the Department. Material originating in the Department pertaining to health matters found a response in the news and editorial columns of the press of the State.

Appreciation is again due the publishers of the magazine of the New Jersey League of Municipalities for the special articles originating in the Department relating to subjects which the health authorities desired particularly to present to municipal officials.

The Public Health News, of which six thousand copies are published bimonthly, is forwarded to local boards of health, the physicians of New Jersey, nurses, certain State, county and municipal officials, school teachers and residents, upon application to the Department. It affords a medium for direct contact with

those most directly connected with the administration of the public health organization. The Princeton University survey of the government three years ago commented that the Public Health News "was an inexpensive and efficient means of informing all local health officials and physicians throughout the State in regard to current health problems as well as the latest methods of attacking them."

Probably in no sphere of public health work are the opportunities for effective service greater than in the field of preventive medicine and health education. Governmental economists, appreciating the mounting costs of institutional care, visualize the possibilities of a citizenry fortified against disease by the dissemination of information which may possibly arrest or correct those ailments which eventually result in custodial care.

More general health education has been championed by recognized authorities of New Jersey, who insist there should be a more determined attack upon diseases, insanitation and unwholesome social conditions, with the invoking of aggressive preventative measures to the greatest extent to reduce custodial care and costs alike.

PASTEURIZATION OF MILK

Repeatedly during the year the Department has urged pasteurization of milk. To the health official, evasion of the pasteurization recommendation is incomprehensible. Outbreaks of septic sore throat, typhoid fever, scarlet fever, diphtheria, undulant fever, and gastro-intestinal infection, traceable to consumption of contaminated, unpasteurized milk, temporarily focus attention on the desirability of pasteurization, but enactment of local ordinances needs the support of an enlightened citizenry. It is indeed regrettable that progress in health measures is made oftentimes only over the bodies of dead men.

MISCELLANEOUS NEWS ARTICLES

During the year the Department sponsored the following newspaper articles:

Commending condition of bathing beaches on Raritan Bay during May and June.

Investigation of death of Menhaden along shore fronts of Raritan River, Raritan Bay and Arthur Kill; engineering Bureau finding that deaths were not due to discharge of industrial wastes into the waters.

Ascribing sewage pollution of Shrewsbury River at Rumson to householders. Urging repeal of Chapter 50 of the Laws of 1933, which enables financially embarrassed municipalities to evade orders of State Board of Health for sanitation improvements.

Sponsoring State regulation of bathing pools, indoor and outdoor.

State pensions endorsed for indigent typhoid fever carriers.

Advice on communicable diseases among school children.

Single service containers urged to avoid mouth infections.

New Jersey's campaign to arrest diphtheria and smallpox.

Disapproving anti-fat preparations containing dinitrophenol.

Suggestions to avoid infantile paralysis.

Virulent cowpox, affecting 48 milkers and 334 dairy cows on 18 farms in northwest section of Sussex County from September to December, 1934.

Authorities on nutrition placing greater importance upon the value of shellfish in diet because of certain chemical elements which are present in them.

Seventeen cases of malaria reported by local health boards in Camden County.

Department's activities in the Home and Health Section of State Safety Conference of 1935.

Greater safety against communicable diseases would be gained by a more general and thorough application of preventive measures now well established.

Not a smallpox case in New Jersey in three years.

New Jersey first among the States in the percentage of population served by sewers and second in percentage served by sewage treatment plants.

Child hygiene conference, Elizabeth, October 24, 1935.

Certified milk pasteurized placed on sale in metropolitan New York area, October 15, 1935.

Regulations to safeguard custard and cream filled bakery products from contamination.

Suggestions to those susceptible to colds.

Open season for the common cold.

Records of sickness and deaths show that winter months are by far the most dangerous.

Early diagnosis for cancer.

Support for Christmas Seals.

Advice to avoid pneumonia.

Ten cents per capita for operation of State Department of Health.

Keep well hints for busy people.

Tri-State Anti-Pollution Commission.
 Rescinding forty mile milk shed.
 Monoxide gas warning.
 Cook pork products thoroughly to avoid trichinosis.
 Trachoma, a contagious infection of the eyes.
 Ventilation and its relation to health.
 Physicians reported 9,543 cases of gonorrhoea and syphilis in 1934.
 Trench mouth and dental hygiene.
 Tularemia contracted as result of handling the carcasses of infected wild rabbits.
 County boards of health.
 Health Hints for every day.
 Importance of good eye sight.
 Conference of State and local health officials, February 14, 1936.
 Personal hygiene.
 Gross adulteration of pork sausage by water, and hamburger steaks by sulphite preservatives.
 Rescinding resolution of January 14, 1936, which permitted storage of shellfish in Maurice River.
 Community sanitation program by elimination of unsanitary outhouses.
 Rabies in Camden and nearby counties.
 Advice on dog-bites.
 Vaccination against smallpox is required for school admission in 222 districts.
 Convention of New Jersey Sewage Works Association, March 19-20, 1936.
 Advice for boiling water before drinking as a result of contamination of privately owned well supplies by flood waters to avoid typhoid fever and other water-borne infections.
 Life expectancy in 1936 is 61 years for male and 63 for females.
 National Negro health week.
 Deaths of babies under one year show a reduction of fifty per cent. in ten-year period.
 Newark, Hackensack, Englewood and Plainfield winners in 1935 Inter-Chamber City Health Conservation contest of U. S. Chamber of Commerce.
 Mothers Day and Maternal Mortality Reduction.
 Safeguarding Lives of Mothers.
 Extension of Departmental work under Social Security Act.
 Malarial mosquito elimination project.
 Septic sore throat outbreak in western section of Bergen County.
 Summer courses of Department in Public Health at Rutgers University.
 Summer camps.
 Urging State legislative ban of fireworks, except those used at municipal displays.

Report of the Bureau of Vital Statistics

For the Calendar Year 1935

DAVID S. SOUTH, STATE REGISTRAR

The Bureau, which was established in 1878, has the custody of more than seven million records of births, marriages and deaths which date back to 1848. During 1935, 16,852 searches were made and copies of the records found issued, for which \$9,318.00 were received and paid to the State Treasurer. Approximately 7,000 of the copies were issued to widows, veterans and veterans' organizations for compensation and other pension purposes; for children to enter school or procure employment; for enlistment in the Army or Navy of the United States and for old age pension, for all of which purposes no charge is made.

The registration of births, marriages and deaths was supervised in each city, borough and township of the State. Blanks for birth, marriage and death certificates, burial and transit permits and other forms were supplied by the Bureau as required by law.

During the year 1935, the Bureau received, examined, classified, indexed and permanently filed more than 135,000 certificates of birth, marriage and death, part of which records were for unreported events which occurred in past years. The annual growth of the records requires approximately two hundred cubic feet of storage space.

On October 31st, twenty (20) clerks were assigned to the Bureau by the Works Progress Administration. They have been employed at indexing birth records for the period May 1, 1848 to June 1, 1878, which records were received from the Secretary

of State when the Bureau was established in 1878. About five hundred thousand cards are to be written and arranged alphabetically. The data will be typewritten upon sheets which will be bound in canvas. The use of the records being indexed has increased considerably due to old age pension laws.

Another W. P. A. Project gave the Bureau three clerks and one draftsman for three months. A great amount of data was assembled and certain charts and tables regularly published in this Report were revised. Several charts were also prepared for exhibition purposes.

The Bureau compiled an increased amount of special statistical data, for the use of insurance companies, chambers of commerce, students, statisticians and agencies interested in disease and accident prevention.

GENERAL SUMMARY

	1920	1930	1935
Births registered, tabulated and indexed	76,431	68,282	55,059
Marriages registered, tabulated and indexed ...	31,327	28,499	29,724
Deaths registered, tabulated and indexed	40,820	43,190	43,267
Stillbirths registered, tabulated and indexed ...	3,221	2,647	1,905
<hr/>			
Total records registered, tabulated and permanently filed	151,799	142,618	129,955
Searches made and certified copies issued for which fees were received	4,664	10,523	9,902
Certified copies issued and searches made in pension and other cases for which no fees were received	4,232	6,938	6,950
Fees returned to State Treasurer for searches and certified copies	\$4,051	\$9,601	\$9,318

CHARTS AND TABLES, 1935

- Table 1. Births, marriages and deaths reported, with rates, 1879-1935.
- Table 1a. Births, marriages and deaths by months.
- Table 1b. Births, marriages and deaths and deaths under one year of age by counties, cities, boroughs and townships.
- Table 2. Deaths by age groups, with the percentage which each group forms of total deaths: 1935.

- Chart 1. Births and deaths per 1,000 population, 1880-1934.
- Table 3. Deaths of infants under five years of age and percentage of total deaths, 1904-1935.
- Table 4. Number of births, stillbirths, deaths under one month, deaths under one year and maternal deaths with rates per 1,000 live births, 1906-1935.
- Table 5. Deaths under one year, deaths under one month, stillbirths and maternal deaths per 1,000 live births, by counties.
- Table 6. Deaths under one year, deaths under one month, stillbirths and maternal deaths per 1,000 live births in the ten largest cities of New Jersey.
- Table 7. Births, birth rates, deaths under one year and infant mortality rates, by counties.
- Chart 2. Deaths from typhoid fever per 100,000 population, 1880-1934.
- Table 8. Comparison between typhoid fever death rates in New Jersey and the United States Registration Area, 1926-1935.
- Table 9. Typhoid fever in urban and rural districts.
- Table 10. Typhoid fever rates by counties, 1926-1935.
- Chart 3. Deaths from measles per 100,000 population, 1880-1934.
- Chart 4. Deaths from scarlet fever per 100,000 population, 1880-1934.
- Chart 5. Deaths from whooping cough per 100,000 population, 1880-1934.
- Chart 6. Deaths from diphtheria per 100,000 population, 1880-1934.
- Table 11. Average annual death rates from all causes and from tuberculosis of lungs, by counties for 57 years, with rates for 1935.
- Chart 7. Deaths from respiratory tuberculosis per 100,000 population, 1880-1934.
- Table 12. Cancer and other malignant tumors by sex, age periods and organs affected.
- Chart 8. Deaths from cancer and other malignant tumors per 100,000 population, 1880-1934.
- Table 13. Suicide by sex, age periods and means employed.
- Table 14. Percentage of the various causes of total deaths and each sex of total.
- Table 15. Death rates, total, white and colored, from important causes, per 100,000 total, white and colored population.
- Table 16. Deaths (exclusive of stillbirths) by causes and months of death.

- Table 17. Deaths (exclusive of stillbirths) from each cause of the Abridged International List, by age, sex, and color.
- Table 18. Deaths (exclusive of stillbirths) by causes, by days, weeks and months of the first year of life.
- Table 19. Deaths (exclusive of stillbirths) under one year of age, by causes and months of death.
- Table 20. Deaths from each cause, Detailed International List, in the counties of New Jersey and selected municipalities of 5,000 or more inhabitants in 1930.
- Table 21. Deaths by occupations, age groups and certain selected causes.
- Table 22. Deaths by causes, sex, color and age periods in the counties and cities having 10,000 or more inhabitants in 1930. (County figures include cities which follow):

Atlantic County—	Essex County (con.)—	Morris County—
Atlantic City	Nutley	Dover
	Orange	Morristown
Bergen County—	South Orange	
Englewood	West Orange	Ocean County—
Garfield		
Hackensack	Gloucester County—	Passaic County—
Rutherford		Clifton
	Hudson County—	Passaic City
Burlington County—	Bayonne	Paterson
Burlington City	Harrison	
	Hoboken	Salem County—
Camden County—	Jersey City	
Camden City	Kearny	Somerset County—
Gloucester	Union City	
	West New York	Sussex County—
Cape May County—		
	Hunterdon County—	Union County—
Cumberland County—		Elizabeth
Bridgeton	Mercer County—	Linden
Millville	Trenton	Plainfield
		Rahway
Essex County—	Middlesex County—	Summit
Belleville	New Brunswick	Westfield
Bloomfield	Perth Amboy	
East Orange		Warren County—
Irvington	Monmouth County—	Phillipsburg
Montclair	Asbury Park	
Newark	Long Branch	
	Red Bank	

Population—The estimated mid-year population of the State for 1935 was 4,288,000. It has been found necessary to abandon the arithmetical method of computing estimates of population and to use the United States Bureau of the Census estimates which are now based upon reported births and deaths, net immigration (or emigration) and school censuses, etc. The estimated population of the counties and incorporated municipalities of the State which had 10,000 or more inhabitants in 1930 appears at the foot of the mortality tables for the places.

Births—The number of births for 1935 was 55,059 which was equivalent to a rate of 12.8 per 1,000 population. Total births reported showed an increase of 218 over the number for the previous year. This was the first increase in the number of births reported since 1927 when there were 72,799 births in the State.

The number of illegitimate births reported for 1935 was 1,339 of which 470 were babies born to colored mothers. The figures for 1934 were 1,305 and 467.

Marriages—The number of marriages reported for 1935 was 29,724, an increase of 733 over the number for the previous year. The marriage rate was 6.9 compared with 6.8 for 1934. The ease and rapidity with which marriage licenses have been obtained in certain adjacent States has materially affected the New Jersey rate. Economic conditions have also been a considerable factor and were undoubtedly partly responsible for the gradual decline which occurred in the marriage rate during past years.

Deaths—The number of deaths for 1935 was 43,267. The death rate, 10.0 for the year shows little variation from the 1934 rate of 10.2. The rate for 1935 was the same as for 1933 which was the lowest rate since the State Department of Health was established in 1878.

Stillbirths—The number of stillbirths reported for 1935 was 1,905. The number for the previous year was 2,025. The 1935 rate was 34.5 per 1,000 live births. The rate for the colored population was 49.4.

TABLE 1.—POPULATION; BIRTHS, MARRIAGES AND DEATHS REPORTED WITH RATES PER 1,000 POPULATION

YEAR	Estimated Population	BIRTHS		MARRIAGES		DEATHS	
		Number of births reported	Birth rate per 1,000 population	Number of marriages	Marriage rate per 1,000 population	Number of deaths	Death rate per 1,000 population
1879	1,110,489	23,110	20.8	7,096	6.3	20,440	18.4
1880	1,133,731	23,680	20.8	7,963	7.0	18,967	16.7
1881	1,165,112	23,484	20.1	8,109	6.9	20,812	17.8
1882	1,196,493	23,108	19.3	8,857	7.3	25,959	21.6
1883	1,227,874	24,430	19.8	9,106	7.4	23,310	18.9
1884	1,259,256	23,263	20.0	8,968	7.1	21,716	17.2
1885	1,290,638	24,017	18.6	8,989	6.9	23,807	18.4
1886	1,322,020	23,497	19.2	12,351	9.3	22,734	17.1
1887	1,353,402	23,340	20.2	15,416	11.3	24,331	17.9
1888	1,384,784	23,074	20.2	16,025	11.5	27,173	19.6
1889	1,416,166	23,090	20.3	15,739	11.1	26,543	18.7
1890	1,448,548	20,103	20.7	15,504	10.7	28,830	19.6
1891	1,480,930	22,882	20.3	15,305	10.2	28,840	19.3
1892	1,513,312	30,627	19.9	16,082	10.4	32,685	21.2
1893	1,550,209	32,285	20.4	17,178	10.8	30,596	19.3
1894	1,624,083	35,662	20.7	16,245	10.0	30,094	18.4
1895	1,667,957	31,742	19.0	15,873	9.5	30,634	18.3
1896	1,711,831	32,207	18.2	18,870	10.7	30,767	17.9
1897	1,755,705	31,595	17.9	18,171	10.3	29,822	16.9
1898	1,799,578	32,515	18.0	13,213	7.3	27,337	15.1
1899	1,843,452	29,419	15.9	13,336	7.2	20,999	16.8
1900	1,889,184	33,270	17.0	14,611	7.7	21,474	16.8
1901	1,935,361	34,812	17.8	16,539	8.4	21,739	16.2
1902	2,021,539	35,116	17.3	18,150	8.0	21,319	15.4
1903	2,087,716	37,242	17.8	19,512	9.3	21,820	15.2
1904	2,153,893	38,751	17.9	18,919	8.7	25,298	16.3
1905	2,220,070	39,689	17.8	20,572	9.2	23,875	15.2
1906	2,286,247	44,677	18.6	21,880	9.4	25,670	15.6
1907	2,352,424	44,651	18.9	22,649	10.0	27,408	15.9
1908	2,418,601	47,405	19.6	26,155	10.8	25,597	14.7
1909	2,484,778	47,508	19.1	29,724	11.9	26,359	14.6
1910	2,550,445	53,942	21.1	27,912	10.9	33,494	15.4
1911	2,611,177	58,133	22.2	25,014	9.5	38,514	14.7
1912	2,677,909	60,073	22.4	26,821	10.0	37,772	14.1
1913	2,744,642	61,432	22.4	27,697	10.1	39,425	14.3
1914	2,808,374	65,403	23.3	28,528	10.1	39,967	14.2
1915	2,869,106	66,476	23.1	27,694	9.6	39,435	13.7
1916	2,932,838	70,211	23.9	31,169	10.6	43,376	14.7
1917	2,996,569	73,960	25.1	30,060	10.0	46,332	14.5
1918	3,060,301	75,549	24.3	29,989	7.8	60,532	19.8
1919	3,124,034	70,935	22.7	29,281	9.3	60,979	12.7
1920	3,189,022	76,431	23.8	31,327	9.7	60,820	12.7
1921	3,253,475	78,172	23.7	27,815	8.4	57,362	11.3
1922	3,371,859	74,479	22.0	27,114	8.0	60,989	11.8
1923	3,485,243	74,011	21.5	28,730	8.3	41,294	11.9
1924	3,544,627	76,530	21.5	27,601	7.7	40,531	11.4
1925	3,631,011	74,193	20.4	27,672	7.6	41,749	11.4
1926	3,717,395	72,386	19.4	28,424	7.6	44,398	11.9
1927	3,803,779	72,769	19.1	28,316	7.4	41,362	10.9
1928	3,890,163	70,076	18.0	29,130	7.4	41,555	11.4
1929	3,976,546	68,297	17.1	30,237	7.6	45,746	11.5
1930	4,057,000	68,282	16.8	28,499	7.0	43,190	10.6
1931	4,110,000	64,078	15.5	26,468	6.4	44,135	10.7
1932	4,155,000	61,215	14.7	22,849	5.4	42,826	10.3
1933	4,196,000	56,072	13.3	24,453	5.8	43,380	10.3
1934	*4,241,000	54,541	12.9	28,891	6.8	43,547	10.2
1935	*4,288,000	55,059	12.8	29,724	6.9	43,267	10.0

* Federal estimates.

TABLE 1A.—BIRTHS, MARRIAGES AND DEATHS, 1935

(Births and Deaths Corrected for Residence)

Month	Births	Marriages	Deaths
January	4,605	1,536	4,369
February	4,266	1,773	3,760
March	4,751	1,553	4,006
April	4,402	2,166	3,905
May	4,752	1,959	3,843
June	4,707	4,667	3,371
July	5,075	2,064	3,294
August	4,842	2,612	2,991
September	4,569	3,265	3,119
October	4,402	2,973	3,402
November	4,322	3,204	3,220
December	4,366	1,952	3,987
Total	55,059	29,724	43,267

TABLE 1B.—BIRTHS, MARRIAGES, DEATHS AND DEATHS UNDER ONE YEAR OF AGE BY COUNTIES, CITIES, BOROUGHES AND TOWNSHIPS, 1935
(Births and Deaths Corrected as to Residence)

NAME OF PLACE	ATLANTIC COUNTY			
	Births	Marriages	Deaths	Deaths under one year
Absecon City	35	10	31	4
Atlantic City	784	600	1020	41
Brightaine City	5	...	5	...
Buena Vista Township	49	43	3	...
Corbin City	57	4	63	3
Egg Harbor City	57	2	38	2
Egg Harbor Township	27	10	7	...
Estelle Manor City	2	...	1	...
Folsom Borough	5	...	4	...
Galloway Township	59	4	47	1
Hamilton Township	53	24	45	4
Hammononton Town	120	69	68	5
Linwood City	16	15	23	1
Longport Borough	4	2	4	...
Margate City	36	21	47	4
Mullica Township	2	18	3	18
Northfield City	32	4	30	1
Pleasantville City	178	88	176	10
Port Republic City	3	4	6	1
Somers Point City	26	17	25	...
Ventnor City	63	47	111	3
Weymouth Township	7	2	12	...
Total	1538	1008	1803	83

BERGEN COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Allendale Borough	21	9	20	2
Alpine Borough	7	6	5	..
Bergenfield Borough	109	71	88	5
Bogota Borough	63	59	66	1
Carlstadt Borough	68	40	46	..
Chiffside Park Borough	203	53	145	7
Closter Borough	31	19	39	4
Cresskill Borough	21	13	13	..
Demarest Borough	9	3	12	..
Dumont Borough	76	33	49	5
East Paterson Borough	71	22	47	3
East Rutherford Borough	108	63	74	7
Edgewater Borough	62	30	46	5
Emerson Borough	16	6	22	..
Englewood City	228	187	196	9
Englewood Cliffs Borough	7	9	2	..
Fair Lawn Borough	132	35	83	2
Fairview Borough	129	91	87	5
Fort Lee Borough	108	159	99	6
Franklin Lakes Borough	14	6	11	..
Garfield City	386	188	151	18
Glen Rock Borough	37	28	32	3
Hackensack City	307	244	272	27
Harrington Park Borough	10	7	9	..
Hasbrouck Heights Borough	77	39	44	4
Haworth Borough	8	6	13	..
Hillsdale Borough	40	11	29	..
Hoboken Borough	18	23	11	..
Hohokus Township	46	24	34	2
Leonia Borough	60	34	42	1
Little Ferry Borough	72	27	28	4
Lodi Borough	191	95	93	10
Lodi Township changed to So. Hackensack Township Nov. 15, 1955.				
Lyndhurst Township	219	132	158	7
Maywood Borough	46	25	41	2
Midland Park Borough	67	27	32	1
Montvale Borough	13	4	15	1
Moonachie Borough	20	13	16	1
New Millford Borough	34	11	23	2
North Arlington Borough	139	59	74	10
Northvale Borough	14	13	9	..
Norwood Borough	23	21	4	..
Oakland Borough	10	8	12	..
Old Tappan Borough	6	4	6	..
Oradell Borough	12	10	24	..
Palisades Park Borough	129	67	68	6
Paramus Borough	37	11	24	1
Park Ridge Borough	21	28	24	..
Ramser Borough	45	23	60	..
Ridgefield Borough	57	38	44	1
Ridgefield Park Borough	139	83	98	3
Ridgewood Village	107	95	140	4
River Edge Borough	44	6	19	..
Riverdale Township	17	17	16	..
Rochelle Park Township	40	19	22	2
Rockleigh Borough	2	..	1	..
Rutherford Borough	130	83	178	4
Saddle River Borough	8	1	10	..
Saddle River Township	23	14	20	3
South Hackensack Township	15	8	4	..
Teaneck Township	274	56	181	9
Tenafly Borough	79	40	45	3
Teterboro Borough	..	..	1	..
Upper Saddle River Borough	8	1	5	..
Walidrick Borough	19	9	16	..
Wallington Borough	123	15	45	4
Washington Township	1	..	1	..
Westwood Borough	71	39	57	1
Woodcliff Lake Borough	11	2	8	1
Wood Ridge Borough	62	23	45	2
Wyckoff Township	31	11	24	4
Total	4582	2643	3433	202

BURLINGTON COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bass River Township	10	..	16	..
Beverly City	32	21	29	2
Bordentown City	46	33	72	6
Bordentown Township	1	13	13	1
Burlington City	122	99	122	2
Burlington Township	22	2	25	2
Chester Township	79	30	42	3
Chesterfield Township	14	7	14	2
Cinnaminson Township	18	14	28	1
Delanco Township	44	10	29	2
Delran Township	26	8	22	6
Eastampton Township	4	1	2	..
Edgewater Park Township	5	7	15	..
Evesham Township	44	3	15	..
Fieldsboro Borough	6	1	9	2
Florence Township	109	31	83	10
Hainesport Township	10	6	10	1
Lumberton Township	10	3	11	..
Mansfield Township	24	9	23	1
Medford Township	39	14	33	1
Moorestown Township	110	68	86	4
Mount Holly Township	95	38	107	6
Mount Laurel Township	21	1	15	..
New Hanover Township	20	7	13	3
North Hanover Township	7	4	10	1
Palmyra Borough	79	22	61	3
Pemberton Borough	15	6	20	..
Pemberton Township	21	21	25	1
Riverside Township	102	56	67	3
Riverton Borough	22	16	23	1
Shamong Township	4	..	4	1
Southampton Township	18	6	21	1
Springfield Township	12	1	15	..
Tabernacle Township	12	4	8	..
Washington Township	7	2	5	..
Westampton Township	5	..	4	..
Willingboro Township	3	2	7	..
Woodland Township	6	..	1	..
Wrightstown Borough	4	1	8	..
Total	1334	575	1128	63

CAMDEN COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Audubon Borough	114	29	74	4
Barrington Borough	38	8	14	..
Bellmawr Borough	15	6	9	2
Berlin Borough	31	34	31	2
Berlin Township	32	8	13	2
Brooklawn Borough	25	5	8	..
Camden City	1728	1031	1405	120
Chesilhurst Borough	2	3	7	..
Clementon Borough	45	8	25	3
Collingswood Borough	134	86	153	1
Delaware Township	51	6	30	2
Gibbsboro Borough	9	6	7	..
Gloucester City	197	91	156	10
Gloucester Township	85	40	66	7
Haddonfield Borough	102	75	125	3
Haddon Heights Borough	38	58	59	2
Haddon Township	68	32	65	8
Hixson Borough	1	1	1	..
Laurel Springs Borough	13	13	20	..
Lawnside Borough	25	5	22	5
Lindenwold Borough	42	13	24	1
Magnolia Borough	26	7	26	2
Merchantville Borough	14	12	75	5
Mount Ephraim Borough	40	10	25	..
Oaklyn Borough	24	16	32	5
Pennsauken Township	203	57	171	12

CAMDEN COUNTY—Continued

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Pine Hill Borough	30	8	17	3
Pine Valley Borough	...	...	...	...
Runnemede Borough	54	23	18	2
Somerdale Borough	13	9	11	...
Stratford Borough	12	4	10	...
Tavistock Borough	...	...	...	...
Voorbies Township	17	9	10	...
Waterford Township	40	15	21	2
Winslow Township	53	23	49	2
Woodlyne Borough	43	8	33	2
Total	3557	1788	2839	202

CAPE MAY COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Avalon Borough	6	4	7	...
Cape May City	33	25	53	1
Cape May Point Borough	1	1	3	...
Dennis Township	25	9	39	1
Lower Township	25	13	16	2
Middle Township	55	20	57	2
North Cape May Borough	...	...	...	...
North Wildwood City	19	15	22	...
Ocean City	52	42	65	3
Sea Isle City	12	11	8	...
South Cape May Borough	...	...	...	...
Stone Harbor Borough	5	4	5	...
Upper Township	25	10	41	1
West Cape May Borough	14	2	17	1
West Wildwood City	1	...	5	...
Wildwood City	75	57	70	5
Wildwood Crest Borough	3	1	13	...
Woodbine Borough	26	3	22	2
Total	377	218	443	18

CUMBERLAND COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bridgeton City	248	166	228	17
Commercial Township	49	18	33	2
Deerfield Township	24	13	21	2
Downe Township	22	11	27	1
Fairfield Township	30	9	23	...
Greenwich Township	16	4	11	...
Hopewell Township	22	6	32	...
Landis Township	162	84	167	8
Lawrence Township	28	3	22	2
Maurice River Township	25	13	25	1
Millville City	253	110	187	19
Shiloh Borough	5	1	8	...
Stow Creek Township	15	2	18	3
Upper Deerfield Township	27	4	21	1
Vineland Borough	108	45	90	5
Total	1035	487	913	61

ESSEX COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bellefleur Town	424	144	231	16
Bloomfield Town	596	187	345	23
Caldwell Borough	89	34	68	4
Caldwell Township	13	3	17	2
Cedar Grove Township	30	3	29	...
East Orange City	827	374	744	26
Essex Falls Borough	14	11	...	...
Glen Ridge Borough	51	52	73	2
Irvington Town	797	394	488	34
Livingston Township	61	19	89	2
Maplewood Township	216	91	209	7
Millburn Township	106	44	122	1
Montclair Town	459	270	424	17
Newark City	6207	4026	4872	344
North Caldwell Borough	12	1	11	...
Nutley Town	248	113	169	3
Orange City	523	330	424	27
Roseland Borough	22	7	13	2
South Orange Village	119	91	142	7
Verona Borough	97	38	61	3
West Caldwell Borough	39	2	25	1
West Orange Town	352	102	245	8
Total	11304	6316	8699	529

GLOUCESTER COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Clayton Borough	23	22	40	2
Deptford Township	64	13	51	3
East Greenwich Township	25	13	14	...
Elk Township	45	5	16	3
Franklin Township	30	13	39	2
Glassboro Borough	75	42	54	3
Greenwich Township	38	5	19	...
Harrison Township	29	4	17	2
Logan Township	37	3	21	...
Mantua Township	42	7	29	...
Monroe Township	68	39	44	2
National Park Borough	40	13	17	2
Newfield Borough	16	4	13	2
Fruitshoro Borough	127	65	79	9
Pitman Borough	56	34	97	3
South Harrison Township	6	2	6	...
Swedesboro Borough	55	31	33	2
Washington Township	23	10	14	1
Wenonah Borough	36	7	17	...
West Deptford Township	68	13	26	...
Westville Borough	43	28	47	...
Woodbury City	110	64	104	4
Woodbury Heights Borough	12	4	9	1
Woodwich Township	16	1	7	1
Total	1034	450	809	43

HUDSON COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bayonne City	1134	588	702	41
East Newark Borough	21	2	27	1
Guttenberg Town	67	44	53	3
Harrison Town	206	145	141	3
Hoboken City	678	876	613	11
Jersey City	4276	2553	3450	198
Kearny Town	573	208	339	20
North Bergen Township	527	389	366	24
Secaucus Borough	69	46	65	1
Union City	642	567	565	35
Weehawken Township	152	113	122	5
West New York Town	571	498	296	27
Total	8916	5829	6739	402

HUNTERDON COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Alexandria Township	18	6	17	1
Bethlehem Township	14	...	7	1
Bloomsbury Borough	5	...	3	...
Califon Borough	5	10	17	...
Clinton Town	15	7	18	...
Clinton Township	21	6	26	2
Delaware Township	13	8	23	2
East Amwell Township	16	5	21	...
Flemington Borough	40	22	41	5
Franklin Township	8	6	16	...
Frenchtown Borough	23	5	17	...
Glen Gardner Borough	9	2	11	...
Hampton Borough	8	6	22	1
High Bridge Borough	22	13	25	1
Holland Township	15	...	8	...
Kingwood Township	16	4	12	...
Lambertville City	73	27	61	5
Lebanon Borough	6	3	9	...
Lebanon Township	9	3	16	1
Milford Borough	12	5	20	...
Raritan Township	26	1	17	2
Readington Township	33	25	32	2
Stockton Borough	7	1	3	...
Tewksbury Township	11	16	13	...
Union Township	20	3	10	...
West Amwell Township	7	1	10	...
Total	450	190	487	23

MERCER COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
East Windsor Township	5	2	6	...
Ewing Township	144	18	85	5
Hamilton Township	481	92	299	13
Hightstown Borough	59	26	42	2
Hopewell Borough	18	19	25	...
Hopewell Township	41	6	34	2
Lawrence Township	95	25	66	3
Pennington Borough	13	13	23	1
Princeton Borough	99	74	77	1
Princeton Township	54	5	27	4
Trenton City	1620	814	1393	94
Washington Township	...	4	12	...
West Windsor Township	34	2	23	1
Total	2656	1100	2112	126

MIDDLESEX COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Carteret Borough	175	121	102	9
Cranbury Township	30	18	16	1
Dunellen Borough	84	49	54	2
East Brunswick Township	42	10	25	1
Helmetta Borough	5	21	5	...
Highland Park Borough	97	56	77	4
Jamesburg Borough	38	19	26	1
Madison Township	41	14	41	1
Metuchen Borough	97	40	59	3
Middlesex Borough	43	4	35	3
Milford Borough	61	17	32	2
Mourne Township	19	3	19	3
New Brunswick City	499	294	392	28
North Brunswick Township	51	15	43	2
Perth Amboy City	602	384	366	4
Piscataway Township	73	10	36	4
Plainboro Township	12	7	8	...

MIDDLESEX COUNTY—Continued

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Raritan Township	150	36	73	2
Sayreville Borough	98	67	65	8
South Amboy City	110	71	105	4
South Brunswick Township	48	9	31	1
South Plainfield Borough	73	27	43	2
South River Borough	132	70	103	10
Spotswood Borough	17	5	19	2
Woodbridge Township	351	141	232	20
Total	2947	1324	2007	140

MONMOUTH COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Allenhurst Borough	3	2	9	...
Allentown Borough	13	15	18	...
Asbury Park City	187	183	224	9
Atlantic Township	8	3	16	2
Atlantic Highlands Borough	37	20	31	2
Avon Borough	9	17	12	...
Belmar Borough	45	46	53	...
Bradley Beach Borough	37	18	43	1
Brielle Borough	9	4	16	3
Deal Borough	15	11	13	1
Eatonville Borough	32	13	27	...
Englishtown Borough	16	13	12	...
Fair Haven Borough	25	6	21	...
Farmingdale Borough	11	15	18	...
Freehold Borough	106	74	83	5
Freehold Township	32	3	29	1
Highlands Borough	45	27	37	1
Holmdel Township	16	2	5	...
Howell Township	31	13	37	2
Interlaken Borough	5	2	5	...
Keansburg Borough	35	30	41	2
Keyport Borough	73	64	86	1
Little Silver Borough	19	3	14	2
Long Branch City	270	115	242	12
Manalapan Township	20	7	17	...
Manasquan Borough	26	41	44	...
Marlboro Township	19	7	38	...
Matawan Borough	49	29	35	3
Matawan Township	25	10	27	1
Middletown Township	114	40	115	4
Millstone Township	9	2	14	1
Monmouth Beach Borough	...	...	...	...
Neptune Township	156	50	207	15
Neptune City Borough	49	14	27	...
Ocean Township	56	9	36	3
Oceanport Borough	22	13	22	1
Raritan Township	20	1	9	...
Red Bank Borough	153	103	153	9
Rumson Borough	42	27	24	...
Sea Bright Borough	13	4	13	...
Sea Girt Borough	11	4	12	...
Shrewsbury Borough	17	22	17	...
Shrewsbury Township	11	4	11	...
South Belmar Borough	6	2	8	...
Spring Lake Borough	17	19	21	...
Spring Lake Heights Borough	15	9	20	...
Union Beach Borough	20	5	25	3
Upper Freehold Township	29	2	24	...
Wall Township	35	22	38	...
West Long Branch Borough	21	17	26	...
Total	2066	1161	2088	88

MORRIS COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bonton Town	100	47	83	7
Bonton Township	12	1	7	1
Butler Borough	48	27	30	2
Chatham Borough	66	17	33	2
Chatham Township	14	2	5	1
Chester Borough	9	4	7	1
Chester Township	11	3	7	1
Denville Township	13	17	27	2
Dorset Town	154	74	139	6
East Hanover Township	17	7	9	1
Florham Park Borough	12	1	24	2
Hanover Township	38	20	24	2
Harding Township	11	5	14	1
Jefferson Township	14	3	15	1
Kinnelon Borough	10	...	6	...
Lincoln Park Borough	22	8	18	7
Madison Borough	142	66	73	1
Mendham Borough	18	9	19	1
Mendham Township	18	4	10	1
Mine Hill Township	21	5	14	...
Montville Township	45	11	38	3
Morris Plains Borough	23	22	12	...
Morristown Town	221	112	160	5
Morris Township	21	10	49	2
Mountain Lakes Borough	22	11	22	1
Mount Arlington Borough	8	1	6	...
Mount Olive Township	14	6	23	1
Netcong Borough	22	24	23	1
Parshipany-Troy Hills Township	42	6	38	2
Passaic Township	35	22	23	2
Pequannock Township	36	8	22	2
Randolph Township	20	10	37	3
Riverdale Borough	20	8	12	...
Rockaway Borough	48	35	33	3
Rockaway Township	50	8	38	1
Roxbury Township	64	17	46	8
Washington Township	19	3	32	1
Wharton Borough	41	24	41	...
Total	1669	656	1249	68

OCEAN COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Barnegat City Borough	7	...	2	...
Bay Head Borough	7	3	5	...
Beach Haven Borough	13	11	1	...
Beachwood Borough	8	2	9	...
Berkeley Township	8	9	9	...
Brick Township	19	6	24	2
Dover Township	62	37	54	3
Eagleswood Township	8	10	10	1
Harvey Cedars Borough	...	...	...	...
Island Beach Borough	4	4	7	...
Island Heights Borough	23	4	20	1
Jackson Township	6	3	12	...
Lacey Township	6	1	16	3
Lakehurst Borough	15	68	108	4
Lakewood Township	84	3	4	...
Laxaville Borough	1	...	1	...
Little Egg Harbor Township	8	...	5	...
Long Beach Township	8	1	14	1
Manchester Township	21	2	1	...
Mantoloking Borough	...	7	8	...
Ocean Township	6	7	7	1
Ocean Gate Borough	3	...	2	...
Pine Beach Borough	7	12	38	...
Plumstead Township	18	9	33	1
Point Pleasant Borough	51	18	26	...
Point Pleasant Beach Borough	8	...	8	...
Seaside Heights Borough	3	4	...	...

OCEAN COUNTY—Continued

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Seaside Park Borough	9	5	12	1
Skip Bottom-Beach Arlington Borough	7	5	9	1
South Toms River Borough	6	7	3	...
Stafford Township	17	9	19	1
Surf City Borough	1	...	1	...
Tuckerton Borough	17	13	17	1
Union Township	11	9	28	4
Total	469	264	533	28

PASSAIC COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bloomington Borough	48	14	23	3
Clifton City	638	168	333	22
Haledon Borough	58	49	50	2
Hawthorne Borough	168	73	119	4
Little Falls Borough	66	42	64	5
North Haledon Borough	32	5	19	...
Passaic City	728	724	322	29
Paterson City	1735	1117	1487	73
Pompton Lakes Borough	45	33	35	2
Prospect Park Borough	69	36	35	1
Ringwood Borough	22	2	13	3
Totowa Borough	47	10	35	1
Wanaque Borough	44	17	26	4
Wayne Township	74	26	48	2
West Milford Township	36	18	33	1
West Paterson Borough	45	11	30	2
Total	3349	2345	2875	154

SALEM COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Alloway Township	24	9	19	...
Elmer Borough	22	8	22	1
Elisiboro Township	7	1	9	...
Lower Alloways Creek Township	18	7	10	...
Lower Penns Neck Township	28	15	25	8
Mannington Township	15	5	17	2
Oldmans Township	20	12	15	3
Penns Grove Borough	132	50	66	9
Pilesgrove Township	22	1	19	2
Pittsgrove Township	18	8	23	4
Quinton Township	...	14	2	...
Salem City	151	55	125	8
Upper Penns Neck Township	52	11	29	5
Upper Pittsgrove Township	32	6	21	1
Woodstown Borough	35	14	23	...
Total	631	204	436	38

SOMERSET COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bedminster Township	15	4	13	...
Bernards Township	35	11	26	2
Bernardsville Borough	40	22	33	1
Bound Brook Borough	105	100	72	2
Branchburg Township	16	3	15	...
Bridgewater Township	99	7	45	7
Far Hills Borough	11	3	6	...
Franklin Township	97	14	55	2
Green Brook Township	6	...	2	...
Hillsborough Township	39	9	25	1
Manville Borough	90	61	47	8
Millstone Borough	4	1	5	...
Montgomery Township	24	1	27	1
North Plainfield Borough	122	77	106	8
Paspack-Gladstone Borough	25	4	17	2
Raritan Town	36	36	29	1
Rocky Hill Borough	8	5	7	1
Somerville Borough	116	49	114	2
South Bound Brook Borough	29	8	13	1
Warren Township	23	7	20	...
Watchung Borough	15	8	11	...
Total	967	430	693	39

UNION COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Clerk Township	15	4	8	1
Cranford Township	143	61	131	4
Elizabeth City	1518	959	1019	60
Fanwood Borough	34	5	26	...
Garwood Borough	56	34	28	1
Hillside Township	247	86	160	12
Kenilworth Borough	33	6	13	1
Linden City	343	155	178	13
Mountainside Borough	5	...	10	1
New Providence Borough	25	12	12	...
New Providence Township	21	10	15	...
Plainfield City	459	272	412	11
Rahway City	216	118	171	10
Roselle Borough	171	77	96	8
Roselle Park Borough	112	34	95	8
Scotch Plains Township	72	22	56	1
Springfield Township	58	23	33	2
Summit City	198	97	151	5
Union Township	316	84	190	14
Westfield Town	223	87	175	9
Total	4236	2096	2979	162

SUSSEX COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Andover Borough	9	5	14	...
Andover Township	3	2	2	...
Branchville Borough	10	6	10	...
Byram Township	1	...	5	...
Frankford Township	21	3	24	1
Franklin Borough	72	28	43	3
Fredon Township	4	6	5	...
Green Township	5	4	7	2
Hamburg Borough	22	10	12	1
Hampton Township	11	12	7	...
Hardyston Township	9	...	10	...
Hope Township	5	5	4	...
Hopatcong Borough	11	1	12	1
Lafayette Township	7	7	8	...
Montague Township	7	7	8	...
Newton Town	83	24	74	4
Ogdensburg Borough	26	...	11	2
Sandyston Township	8	7	7	...
Sparta Township	25	7	21	1
Stanhope Borough	12	14	21	1
Stillwater Township	7	6	10	...
Sussex Borough	32	10	30	4
Vernon Township	28	3	8	...
Walpack Township	5	1	2	...
Wantage Township	54	3	19	4
Total	468	164	379	27

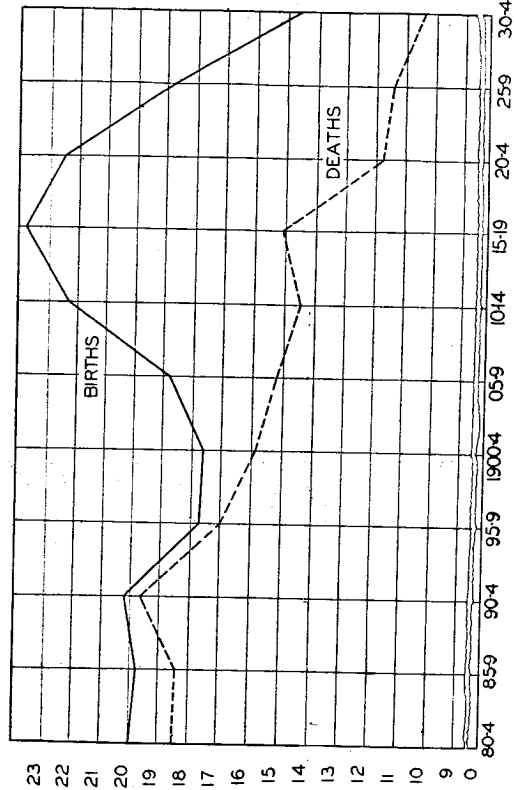
WARREN COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Allamuchy Township	5	...	6	...
Alpha Borough	48	23	18	2
Belvidere Town	24	13	32	4
Blairstown Township	19	6	19	...
Franklin Township	22	2	27	2
Frelighuysen Township	...	6	5	...
Greenwich Township	16	20	17	2
Hackettstown Town	49	15	57	3
Hardwick Township	7	1	5	1
Harmony Township	25	4	23	5
Hope Township	13	2	10	1
Independence Township	18	5	17	1
Knowlton Township	12	7	11	...
Liberty Township	4	1	2	...
Lopatcong Township	15	1	12	...
Mansfield Township	12	7	21	1
Oxford Township	24	18	22	1
Pahaquarry Township	...	...	8	...
Phillipsburg Town	235	105	195	13
Poatcong Township	24	13	29	3
Washington Borough	60	36	73	...
Washington Township	17	2	5	...
White Township	24	...	13	...
Total	679	276	623	43
State Total	55059	29724	43267	2539

TABLE 2—TOTAL DEATHS BY AGE PERIODS SHOWING PERCENTAGE OF TOTAL DEATHS, 1885

Deaths	AGE PERIODS													90 and over	Unknown		
	Total	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
49,297	2,559	802	122	121	124	124	5,291	540	1,077	1,807	2,675	4,876	7,157	9,113	8,480	3,911	891
Percentage of total...	5.2	1.6	0.2	0.2	0.2	0.2	10.6	1.1	2.2	3.6	5.4	9.9	14.5	18.3	17.6	9.9	1.8

NEW JERSEY BIRTHS AND DEATHS AVERAGE ANNUAL RATES 1,000 POPULATION



Infant Mortality—The infant mortality rate for 1935 was 46.1 per 1,000 babies born alive and was the lowest infant mortality rate ever attained in New Jersey. Reference to Table 4 will show the great decrease in the infant death rate in New Jersey since extensive baby welfare work was undertaken.

Colored Races—The infant mortality rate for the colored races was 77.4. The colored races have shown high mortality rates since vital statistics were first collected and analyzed.

Maternal Mortality—The rate for 1935 was 4.5 and for 1934, 5.3. This was the lowest maternal mortality rate since such rates were first computed in 1906. It is regrettable that a decrease comparable to the infant mortality decline has not been shown in deaths due to maternity. The colored maternal mortality rate was 7.1.

TABLE 3—NUMBER OF DEATHS AT ALL AGES, UNDER ONE YEAR OF AGE AND UNDER FIVE YEARS OF AGE, AND THEIR PERCENTAGES OF TOTAL DEATHS

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
1919	39,979	6,111	15.3	8,661	21.7
1920	40,820	6,672	16.3	9,569	23.4
1921	37,362	5,773	15.4	8,047	21.5
1922	40,086	5,864	14.6	8,371	20.9
1923	41,294	5,368	13.0	7,727	18.7
1924	40,531	5,359	15.5	7,344	21.3
1925	41,749	5,109	12.3	6,997	16.8
1926	44,396	5,090	11.5	7,442	16.8
1927	41,562	4,464	10.7	6,045	14.5
1928	44,555	4,600	10.3	6,438	14.4
1929	45,746	4,116	9.0	5,795	12.6
1930	43,190	3,870	9.0	5,205	12.1
1931	44,135	3,649	8.3	4,916	11.1
1932	42,826	3,089	7.2	4,049	9.4
1933	43,380	2,608	6.0	3,512	8.1
1934	43,547	2,686	6.2	3,518	8.1
1935	43,267	2,539	5.9	3,291	7.6

TABLE 4.—NUMBER OF BIRTHS, STILLBIRTHS, DEATHS UNDER ONE MONTH, DEATHS UNDER ONE YEAR AND MATERNAL DEATHS IN NEW JERSEY, WITH RATES PER 1,000 LIVE BIRTHS

Year	Births Reported	Deaths Under 1 Year of Age	Rates per 1,000 Live Births	Deaths Under 1 Month of Age	Rates per 1,000 Live Births	Stillbirths	Rates per 1,000 Live Births	Maternal Deaths	Rates per 1,000 Live Births
1906	42,627	7,773	182.1	2,545	59	2,399	56	322	7.5
1907	44,651	7,732	173.2	2,602	58	2,530	56	289	6.5
1908	47,405	7,823	165.2	2,655	56	2,617	55	329	6.9
1909	47,508	7,658	161.2	2,661	56	2,539	53	311	6.5
1910	53,942	8,352	154.8	2,801	51	2,737	50	377	6.9
1911	58,133	7,642	131.4	2,887	49	2,754	47	427	7.3
1912	60,073	7,457	124.1	2,836	47	2,953	49	415	6.9
1913	61,432	7,542	122.7	2,903	47	2,866	46	460	7.4
1914	65,403	7,431	113.6	2,995	45	3,074	47	416	6.3
1915	66,476	7,077	106.4	2,862	43	3,075	46	390	5.8
1916	70,211	7,348	104.7	3,075	43	3,221	45	383	5.4
1917	75,309	7,582	100.7	3,256	43	3,183	42	411	5.4
1918	74,540	8,372	112.3	3,175	42	3,525	42	417	5.5
1919	70,935	6,111	86.2	2,696	38	3,047	42	366	5.1
1920	76,431	6,672	87.1	2,961	38	3,221	42	472	6.1
1921	78,172	5,773	73.8	2,830	36	3,242	41	464	5.9
1922	74,479	5,864	78.7	2,773	37	3,033	40	466	6.2
1923	74,611	5,368	71.9	2,621	35	3,169	42	424	5.4
1924	76,530	5,359	70.0	2,739	35	3,177	41	466	6.0
1925	74,193	5,109	68.8	2,607	35	3,010	40	461	6.2
1926	72,386	5,090	70.3	2,537	35	3,018	41	394	5.4
1927	72,799	4,464	61.3	2,462	33	3,074	42	450	6.1
1928	70,076	4,600	65.6	2,485	35	2,864	40	406	5.7
1929	68,297	4,116	60.2	2,233	32	2,767	40	367	5.3
1930	68,282	3,870	56.6	2,107	30	2,647	38	390	5.9
1931	64,078	3,649	56.9	2,064	32	2,578	40	378	5.9
1932	61,215	3,089	50.4	1,802	29	2,543	38	351	5.7
1933	56,072	2,608	46.5	1,533	27	2,073	36	289	5.1
1934	54,841	2,686	48.9	1,634	29	2,025	34	294	5.3
1935	55,059	2,539	46.1	1,560	28	1,905	36	249	4.3

TABLE 5.—DEATHS UNDER ONE YEAR, DEATHS UNDER ONE MONTH, STILLBIRTHS AND MATERNAL MORTALITY PER THOUSAND LIVE BIRTHS—1935

	Rates per 1,000 live births			
	Deaths Under One Year	Deaths Under One Month	Stillbirths	Maternal Deaths
New Jersey	46	28	34	4.5
Atlantic	52	34	39	6.9
Bergen	41	30	32	4.0
Burlington	47	29	30	3.7
Camden	56	29	39	4.2
Cape May	47	29	39	2.6
Cumberland	58	30	34	1.9
Essex	46	28	33	4.4
Gloucester	41	23	30	3.8
Hudson	45	28	40	3.8
Hunterdon	51	26	24	11.1
Mercer	47	29	33	7.1
Middlesex	47	30	27	4.4
Monmouth	42	26	35	7.7
Morris	42	23	29	3.7
Ocean	59	36	36	10.6
Passaic	40	25	31	4.4
Salem	60	33	53	3.1
Somerset	40	24	35	3.1
Sussex	57	36	44	4.2
Union	38	24	34	4.2
Warren	63	30	14	1.4

TABLE 6.—DEATHS UNDER ONE YEAR, DEATHS UNDER ONE MONTH, STILLBIRTHS AND MATERNAL MORTALITY PER THOUSAND LIVE BIRTHS: NEW JERSEY AND TEN LARGEST CITIES—1935

	Rates per 1,000 live births			
	Deaths Under One Year	Deaths Under One Month	Stillbirths	Maternal Deaths
New Jersey	46	28	34	4.5
Newark	55	31	38	4.6
Jersey City	46	28	44	4.4
Paterson	42	21	29	5.1
Trenton	58	35	35	8.0
Camden	69	31	43	6.3
Elizabeth	39	24	37	3.2
Bayonne	36	21	27	3.5
East Orange	31	24	26	3.6
Atlantic City	52	36	49	8.9
Passaic City	39	31	24	2.7

TABLE 7—BIRTHS, BIRTH RATES, DEATHS UNDER ONE YEAR AND INFANT MORTALITY RATES (EXCLUSIVE OF STILLBIRTHS)—1935

	<i>Births (Exclusive of Still- births)</i>	<i>Birth Rates per 1,000 Population</i>	<i>Deaths Under One Year</i>	<i>Infant Mortality Rates</i>
New Jersey	55,059	12.8	2,539	46
Atlantic County	1,583	11.6	83	52
Atlantic City	784	11.1	41	52
Hammonton Town	120	15.0	5	41
Pleasantville	178	13.5	10	56
Bergen County	4,892	11.9	202	41
Bergenfield	109	10.6	5	45
Cliffside Park	203	11.3	7	34
Englewood City	228	11.6	9	39
Fairview Borough	129	12.6	5	38
Fort Lee Borough	106	11.1	6	56
Garfield City	386	11.8	18	46
Hackensack City	367	13.9	22	59
Lodi Borough	191	15.4	10	52
North Arlington	139	13.9	10	71
Ridgefield Park	139	12.3	3	21
Ridgewood Village	107	7.9	4	37
Rutherford Borough	130	7.9	4	30
Wallington Borough	123	12.4	4	32
Burlington County	1,334	13.7	63	47
Bordentown City	46	10.4	6	130
Burlington City	192	16.9	5	26
Camden County	3,557	13.2	202	56
Audubon Borough	114	11.4	4	35
Camden City	1,726	14.4	120	69
Collingswood	134	9.7	1	7
Gloucester City	197	13.8	10	50
Haddonfield Borough	102	10.5	3	29
Cape May County	377	11.7	18	47
Cumberland County	1,035	14.3	61	58
Bridgeton	248	15.5	17	68
Millville	253	17.2	19	75
Vineland	108	13.8	5	46
Essex County	11,304	12.7	529	46
Belleville Town	424	14.0	16	37
Bloomfield	596	14.0	23	38
East Orange	827	11.3	26	31

	<i>Births (Exclusive of Still- births)</i>	<i>Birth Rates per 1,000 Population</i>	<i>Deaths Under One Year</i>	<i>Infant Mortality Rates</i>
Irvington	797	12.1	34	42
Montclair	459	10.0	17	37
Newark	6,207	13.7	344	55
Nutley	248	10.5	3	12
Orange	525	14.6	27	51
South Orange	119	7.7	7	58
West Orange	352	13.1	8	22
Gloucester County	1,034	13.4	43	41
Woodbury	110	12.5	4	36
Hudson County	8,916	12.5	402	45
Bayonne City	1,134	12.2	41	36
Guttenberg	67	10.2	3	44
Harrison	206	13.2	11	53
Hoboken	678	11.4	36	53
Jersey City	4,276	13.2	198	46
Kearny Town	573	12.8	20	34
Secaucus	69	6.9	1	14
Union City	642	10.9	35	54
West-New York	571	14.6	27	47
Hunterdon County	450	12.7	23	51
Lambertville	73	16.1	5	68
Mercer County	2,656	13.6	126	47
Princeton Borough	99	13.7	1	10
Trenton	1,620	13.0	94	58
Middlesex County	2,947	13.0	140	47
Carteret	175	12.5	9	51
Highland Park	97	10.0	4	41
New Brunswick	469	13.4	28	59
Perth Amboy	602	13.6	27	44
Sayreville	98	10.8	8	81
South Amboy	110	12.7	4	36
South River	152	12.7	10	65
Monmouth County	2,066	13.0	88	42
Asbury Park	187	11.9	9	48
Long Branch	270	13.7	12	44
Red Bank	183	15.0	9	49
Morris County	1,609	13.6	68	42
Dover	154	15.4	6	38
Madison	142	17.7	7	49
Morristown	221	13.8	5	22

	<i>Births (Exclusive of Still- births)</i>	<i>Birth Rates per 1,000 Population</i>	<i>Deaths Under One Year</i>	<i>Infant Mortality Rates</i>
Ocean County	469	12.9	28	59
Passaic County	3,849	12.2	154	40
Clifton	638	12.1	22	34
Hawthorne	168	12.2	4	23
Passaic City	728	11.5	29	39
Paterson City	1,735	12.4	73	42
Salem County	631	17.1	38	60
Salem City	151	18.4	8	52
Somerset County	967	13.8	39	40
Bound Brook	105	13.6	2	19
North Plainfield	122	11.6	8	65
Somerville	116	13.4	2	17
Sussex County	468	16.3	27	57
Union County	4,236	12.6	162	38
Elizabeth	1,518	12.6	60	39
Linden	343	13.8	19	55
Plainfield	459	12.6	11	23
Rahway	216	12.4	10	46
Roselle	171	11.4	8	46
Roselle Park Borough	112	11.3	3	26
Summit	169	10.7	5	29
Westfield	223	12.6	9	40
Warren County	679	13.4	43	63
Phillipsburg	235	11.8	13	55

Typhoid Fever—The number of deaths was 22 and the death rate for 1935 was only 0.5 per 100,000 population. That the rate was low was proven by the 1934 rate of 3.2 for the United States. The rate for the Country for 1935 was not available. The number of deaths from typhoid fever and other diseases of the international list of causes of death by counties and cities can be obtained by referring to Table 20. Table 22 shows the more important causes by sex, color and age groups.

NEW JERSEY
TYPHOID FEVER
AVERAGE ANNUAL DEATH RATES
100,000 POPULATION

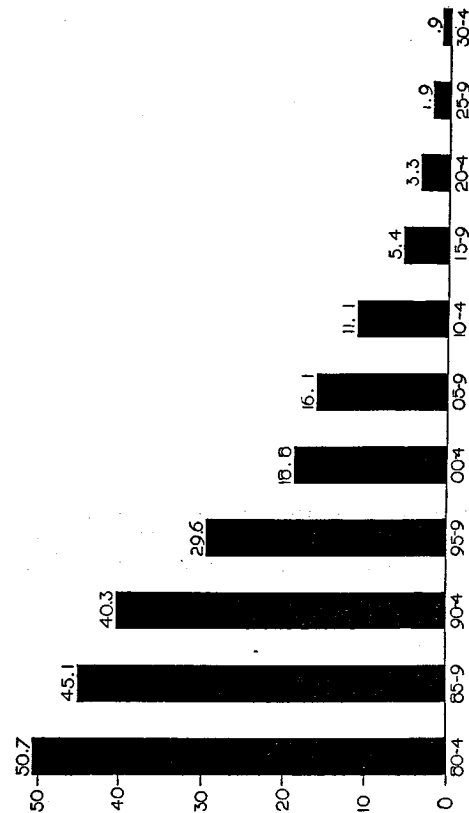


TABLE 8—COMPARATIVE DEATH RATES FROM TYPHOID FEVER PER 100,000 POPULATION, IN THE REGISTRATION AREA OF U. S. AND IN N. J. FOR 10 YEARS

	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
Registration area of the United States	6.5	5.8	4.9	4.2	4.8	4.4	3.6	3.5	3.2	
New Jersey	2.7	1.4	1.7	1.4	1.1	0.9	0.7	0.9	0.7	0.5

TABLE 9—URBAN AND RURAL DEATHS FROM TYPHOID FEVER—1935

	Estimated population	Deaths from typhoid fever	Rate per 100,000 population
New Jersey	4,288,000	22	0.5
Municipalities having 5,000 or more inhabitants in 1930	3,110,000	11	0.3
Remainder of State	1,178,000	11	0.9

TABLE 10—DEATHS FROM TYPHOID FEVER, PER 100,000 POPULATION, BY COUNTIES, FOR 10 YEARS

COUNTIES	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
Atlantic	9.7	5.8	2.1	1.0	3.1	1.5	2.2	2.1	1.5	5.8
Bergen	2.6	0.7	1.8	0.7	..	0.7	..	0.2	1.0	0.9
Burlington	5.4	3.2	3.1	3.1	3.1	1.0	3.1	4.1	..	..
Camden	3.5	0.8	4.7	2.9	1.9	0.7	1.5	1.5	0.3	1.1
Cape May	5.1	5.4	..	..	3.3	..	..	..	3.2	6.2
Cumberland	1.5	..	1.4	1.4	..	1.4	1.3	2.7	..	..
Essex	1.6	1.5	0.9	1.3	0.8	0.7	0.3	0.6	0.4	0.1
Gloucester	9.0	..	5.1	3.3	..	2.7	2.6	2.5	1.0	..
Hudson	1.8	0.9	0.9	0.9	0.7	..	0.2	0.1	0.1	..
Hunterdon .....	..	3.0	3.0	..	..	..	..	..	..	..
Mercer	4.9	1.0	1.5	1.5	1.5	1.5	0.5	2.0	0.5	..
Middlesex	4.1	1.0	0.9	1.9	1.8	1.3	1.3	0.4	..	..
Monmouth	2.6	2.6	7.0	1.7	3.3	2.6	3.1	1.8	7.7	1.2
Morris .....	..	1.1	2.2	..	0.8	0.8	..	1.6	1.7	..
Ocean	8.8	..	..	..	2.9	2.9	..	2.7	..	..
Passaic	0.6	0.3	1.0	2.3	..	1.9	0.6	..	0.6	0.3
Salem	2.3	4.5	2.2	..	2.7	..	..	5.4	..	..
Somerset	1.8	3.9	3.5	..	4.5	..	..	5.6	1.4	1.4
Sussex .....	..	..	4.0	..	..	..	..	..	..	..
Union	4.1	1.2	1.1	1.1	0.9	1.8	..	0.5	..	..
Warren .....	..	..	..	..	..	..	..	..	..	..
New Jersey	2.7	1.4	1.7	1.4	1.1	0.9	0.7	0.9	0.7	0.5

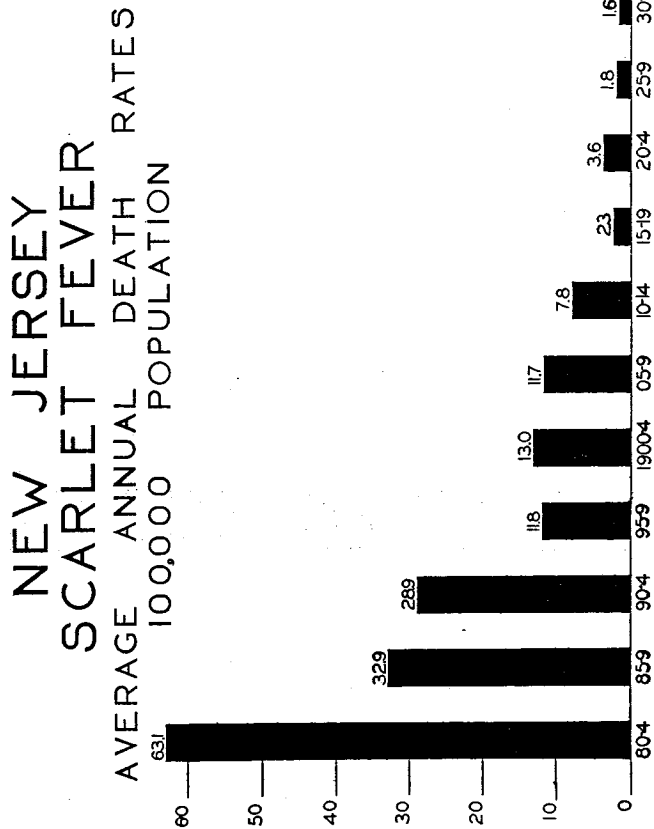
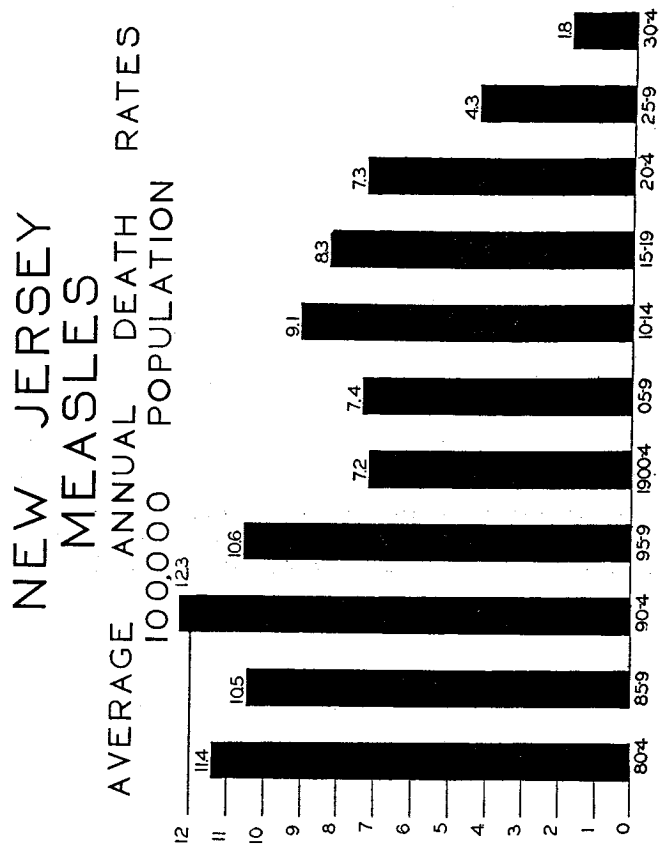
Malaria—As the following figures show, deaths during recent years from this affection are practically negligible in this State:

1879	268	1893	148	1907	29	1921	10
1880	293	1894	162	1908	30	1922	3
1881	431	1895	144	1909	25	1923	2
1882	379	1896	119	1910	25	1924	6
1883	290	1897	132	1911	25	1925	3
1884	230	1898	82	1912	29	1926	2
1885	209	1899	96	1913	11	1927	2
1886	243	1900	84	1914	10	1928	3
1887	217	1901	50	1915	17	1929	5
1888	264	1902	36	1916	10	1930	5
1889	203	1903	40	1917	5	1931	0
1890	195	1904	47	1918	13	1932	3
1891	180	1905	21	1919	2	1933	1
1892	198	1906	33	1920	5	1934	0
						1935	6

Smallpox—No deaths from smallpox have occurred in New Jersey since 1925, when as in 1924 the disease was prevalent in epidemic form in certain sections of the State.

Measles—This disease was responsible for 55 deaths during 1935. During the preceding year 50 deaths occurred. The 1935 death rate per 100,000 population was 1.2.

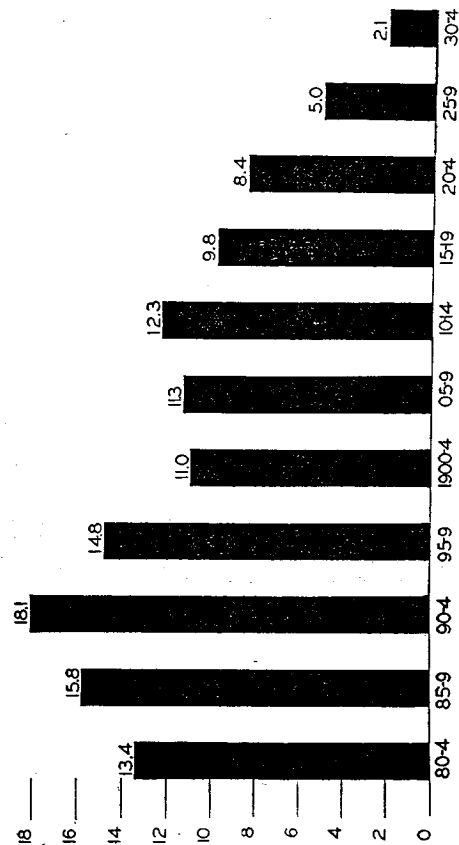
Scarlet Fever—The number of deaths from scarlet fever was 25, equivalent to a rate of 0.5 per 100,000 population. With the exception of 1935 when an unusually low rate prevailed, very little variation has occurred in the death rate from this disease for the past ten years. The average rate for the period was about half the rate which prevailed during the previous decade.



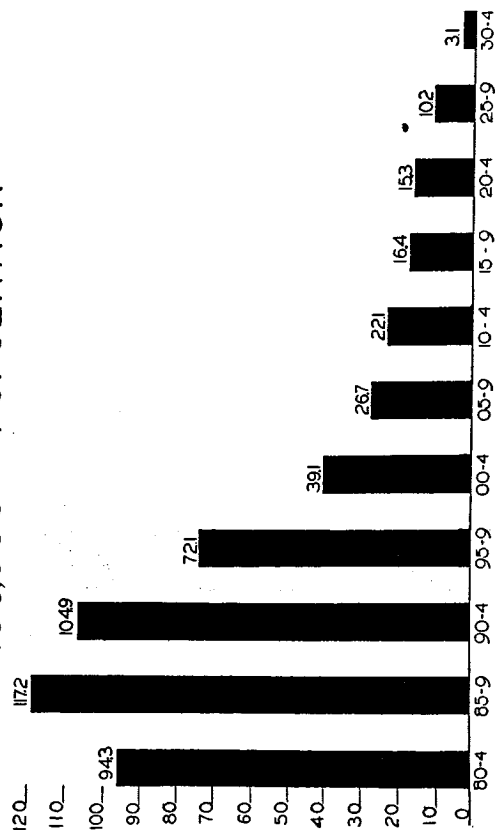
Whooping Cough—This disease caused 98 deaths during 1935, for 1934 the number was 63 and for 1933, 43. The 1935 death rate was 2.0 per 100,000 population.

Diphtheria—During 1935 only 48 persons died from diphtheria and laryngeal croup, equivalent to a rate of 1.1 per 100,000 population, compared with 1.3 for the previous year and 1.2 for 1933. The death rate from diphtheria for 1888 was 148 per 100,000 population. During the decade beginning with 1900 the rate declined from 48 to 25. The following ten-year period showed a decline to 18. The rate for 1935 was the lowest recorded.

NEW JERSEY
WHOOPING COUGH
AVERAGE ANNUAL DEATH RATES
100,000 POPULATION



**NEW JERSEY
DIPHTHERIA
AVERAGE ANNUAL DEATH RATES
100,000 POPULATION**



Tuberculosis—The number of deaths from all forms of tuberculosis during 1935 was 2,143, of which 1,923 were deaths from tuberculosis of the respiratory system. The death rates per 100,000 population were 49.9 and 44.8 respectively. These were the lowest tuberculosis death rates recorded in New Jersey.

Colored Races—The number of deaths from all forms of tuberculosis was 434 and the rate 191.6 per 100,000 of colored population. The number of deaths from tuberculosis of the respiratory system was 375; the rate 165.6. Rates for the white population were 42.0 and 38.1 respectively.

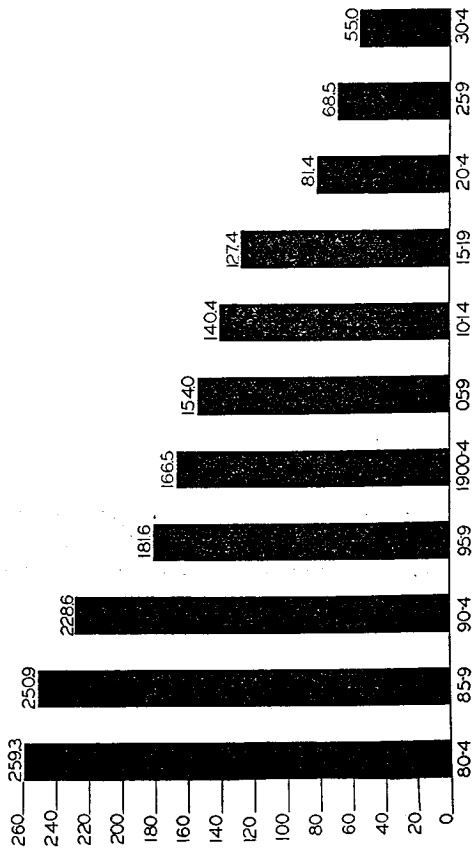
TABLE 11—AVERAGE ANNUAL DEATH RATES FROM ALL CAUSES AND FROM RESPIRATORY TUBERCULOSIS FOR 57 YEARS, COMPARED WITH RATES FOR 1935

COUNTIES	Rates per 1,000 population		Rates per 100,000 population	
	Average annual death rates from all causes	Death rates from all causes, 1935	Average annual death rate from tuberculosis of lungs	*Death rates from tuberculosis of lungs, 1935
Atlantic County	15.3	13.2	113	46
Bergen County	11.6	8.4	94	34
Burlington County	14.5	11.6	126	45
Camden County	15.3	10.5	139	44
Cape May County	14.2	13.7	91	15
Cumberland County	11.0	12.6	134	38
Essex County	14.4	9.8	154	52
Gloucester County	13.7	10.5	113	41
Hudson County	15.6	9.5	158	48
Hunterdon County	14.2	13.8	113	28
Mercer County	14.7	10.8	152	59
Middlesex County	13.2	8.8	107	48
Monmouth County	15.0	13.1	117	45
Morris County	12.0	10.5	131	35
Ocean County	14.6	14.7	137	41
Passaic County	13.8	9.1	125	38
Salem County	13.6	11.8	125	46
Somerset County	13.0	9.9	103	50
Sussex County	12.7	13.2	106	24
Union County	12.1	8.9	107	39
Warren County	13.9	12.3	105	19
The State	14.1	10.1	133	44

* It should be noted that these rates are for tuberculosis of the respiratory system. Rates of all forms of tuberculosis appear among the tables of the Bureau of Local Health Administration.

Cancer—The number of deaths from cancer and other malignant growths for 1935 was 5,309 and the death rate was 123.8 per 100,000 population compared with 123.2 for the previous year. The mortality from the disease, with few exceptions, has steadily increased during the fifty-seven years recorded in New Jersey.

NEW JERSEY RESPIRATORY TUBERCULOSIS AVERAGE ANNUAL DEATH RATES 100,000 POPULATION



NEW JERSEY CANCER AVERAGE ANNUAL DEATH RATES 100,000 POPULATION

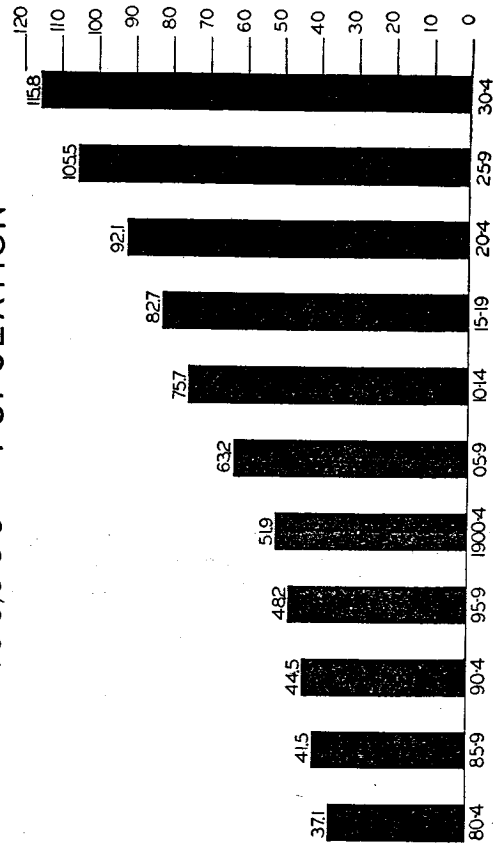


TABLE 12.—DEATHS FROM CANCER AND OTHER MALIGNANT TUMORS BY ORGAN AFFECTED, NEW JERSEY, 1935

CANCER AND OTHER MALIGNANT TUMORS	AGE PERIODS										Total									
	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 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 and over
Buccal Cavity and Pharynx—																				
Male																				
Female																				
Total																				
Digestive Tract and Peritoneum—																				
Male																				
Female																				
Total																				
Respiratory System—																				
Male																				
Female																				
Total																				
Uterus—Female																				
Other Female Genital Organs																				
Breast—																				
Male																				
Female																				
Total																				
Male Genitourinary Organs																				
Skin																				
Male																				
Female																				
Total																				
Other or Unspecified Organs—																				
Male																				
Female																				
Total																				
Total Male																				
Total Female																				
Total Male and Female																				

Encephalitis Lethargica or Sleeping Sickness—Twenty-six deaths were assigned to this disease for the year 1935. In 1922, which was the first year that the deaths were separately classified, there were forty-five deaths. Twenty-seven deaths were recorded for 1934.

Nephritis—Deaths due to acute and chronic nephritis totaled 3,388, compared with 3,509 for the previous year.

Suicide—While deaths by this means increased considerably during the years 1926 to 1932, it is gratifying to note that the trend has now reversed. Of the various means employed poisonous gas was responsible for the most deaths with hanging and firearms in second and third places. The number of deaths by suicide for ten years follows:

1926	472	1931	694
1927	505	1932	740
1928	565	1933	709
1929	622	1934	667
1930	601	1935	593

TABLE 13—DEATHS BY SUICIDE: NEW JERSEY, 1935

MODE OF DEATH	AGE PERIODS													Total				
	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 64	65 to 69	70 to 74		75 to 79	80 to 84	85 to 89	90 and over	Not stated
Solid or liquid poisons and corrosive substances—																		
Male	2	2	3	5	1	3	1	3	3	4	2	1	2	2	1	2	2	95
Female	2	2	2	1	3	6	6	1	1	2	1	1	1	1	1	1	1	22
Total	4	4	5	6	6	9	7	4	4	6	3	2	3	3	2	3	3	40
Poisonous gas—																		
Male	1	1	9	8	5	11	13	18	14	17	10	11	10	4	2	4	4	128
Female	1	1	1	7	9	7	4	5	7	9	2	2	4	2	2	1	1	52
Total	2	2	10	15	14	18	17	21	21	26	12	13	14	6	4	5	5	187
Hanging or strangulation—																		
Male	1	2	4	6	8	3	10	15	15	10	13	8	8	4	2	1	1	115
Female	1	2	4	7	9	4	11	17	10	21	15	9	9	5	3	1	1	131
Total	2	4	8	13	17	7	21	32	25	31	28	17	13	9	5	2	2	246
Drowning—																		
Male	1	2	1	1	1	1	3	1	8	8	1	2	1	1	1	1	1	18
Female	1	1	1	1	1	1	2	2	3	1	1	2	1	1	1	1	1	28
Total	2	3	2	2	2	2	5	3	11	9	2	4	2	2	2	2	2	46
Firearms—																		
Male	1	1	9	9	7	10	10	9	13	14	13	13	2	4	2	1	1	110
Female	1	1	1	1	2	1	2	1	1	1	13	13	2	4	2	1	1	59
Total	2	2	10	10	9	11	11	11	14	14	26	26	4	8	4	2	2	169
Cutting or piercing instruments—																		
Male	1	1	1	1	1	1	3	8	3	5	2	1	1	1	1	1	1	20
Female	1	1	1	1	1	1	1	3	3	5	2	1	1	1	1	1	1	3
Total	2	2	2	2	2	2	4	11	8	10	4	2	2	2	2	2	2	23

Jumping from high places—																			
Male	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13
Female	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10
Total	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	23
Crushing—																			
Male	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Female	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Total	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4
Other means—																			
Male	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Female	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Total	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6
Total Male	1	3	27	30	23	31	41	40	58	60	42	38	21	15	6	1	1	442	
Total Female	1	4	6	19	16	19	19	14	13	22	9	6	5	4	1	1	1	161	
Total Male and Female	2	7	33	49	39	44	60	63	80	82	51	42	26	19	7	2	2	603	

AUTOMOBILE FATALITIES

Deaths due to accidents in which moving automobiles were involved totaled 1,199 compared with 1,228 for 1934. The figures include 16 deaths due to motorcycle accidents and 29 deaths of bicyclists who were struck by automobiles, but are exclusive of 24 accidental deaths due to the inhalation of motor exhaust.

Analyzed the motor fatality data show the death of 599 pedestrians, which number is equivalent to 50 per cent. of the total. Slightly less than one-sixth of the pedestrians who died were children under fifteen years of age. Nineteen per cent. of the drivers and occupants of automobiles who were killed were less than twenty years of age.

The following table shows deaths, in New Jersey, of both residents and non-residents of the State, arranged by age groups:

MOTOR VEHICLE FATALITIES BY AGE PERIODS: 1935

Age	Pedestrians struck by motor vehicles		Deaths from other motor vehicle accidents		Totals	
	Residents	Non- Residents	Residents	Non- Residents	Residents	Non- Residents
Under 5 years ..	33	0	9	2	42	2
5 to 9	46	2	15	1	61	3
10 to 14	17	0	26	1	43	1
15 to 19	15	1	52	9	67	10
20 to 24	12	1	64	22	76	23
25 to 29	14	1	56	11	70	12
30 to 59	237	11	195	63	432	74
60 to 69	110	7	40	10	150	17
70 and over	87	5	21	3	108	8
Totals	571	28	478	122	1,049	150

MOTOR VEHICLE FATALITIES BY SEX, COLOR AND TYPE OF ACCIDENT, 1935

	Males		Females	
	White	Colored	White	Colored
Pedestrians	427	28	136	8
Collision auto and train or engine	22	1	4	0
Collision auto and street car	1	0	1	0
Collision auto with stationary objects...	61	6	16	6
Collision auto with another motor vehicle	199	14	97	4
Collision auto with bicycle	25	3	1	0
Motorcycle accident	15	0	1	0
Other accidents	88	8	26	1
Total	838	60	282	19

MOTOR VEHICLE FATALITIES BY MONTHS OF DEATH, 1935

January	72	July	96
February	72	August	115
March	100	September	105
April	92	October	129
May	95	November	114
June	88	December	121
Total	1,199		

TABLE 14—PERCENTAGE OF THE VARIOUS CAUSES OF TOTAL DEATHS AND EACH SEX OF TOTAL IN NEW JERSEY—1935

Abridged International List Number	CAUSE OF DEATH	Percentage of Total	Males—Percentage of Total	Females—Percentage of Total
1	Typhoid and paratyphoid fever	..	73	27
2	Typhus fever	..	100	..
3	Smallpox	..	..	..
4	Measles	..1	41	59
5	Scarlet fever	..	86	64
6	Whooping cough	..	53	47
7	Diphtheria	..	50	50
8	Influenza	..9	51	49
9	Plague	..	..	..
10	Tuberculosis of the respiratory system	4.4	58	42
11	Other forms of tuberculosis	..5	50	50
12	Syphilis	..7	61	39
13	Malaria	..	68	34
14	Other infectious and parasitic diseases	..7	58	42
15	Cancer and other malignant tumors	13.2	46	54
16	Tumors, nonmalignant, or of which the nature is not specified	..5	32	68
17	Chronic rheumatism and gout	..1	17	83
18	Diabetes mellitus	2.8	34	66
19	Alcoholism (acute or chronic)	..2	80	20
20	Other general diseases and chronic poisonings	1.7	45	55
21	Progressive locomotor ataxia and general paralysis of the insane	..4	74	26
22	Cerebral hemorrhage, cerebral embolism and thrombosis	8.5	47	53
23	Other diseases of the nervous system and of the organs of special sense	1.3	56	44
24	Diseases of the heart	23.2	54	46
25	Other diseases of the circulatory system	1.9	48	52
26	Bronchitis	..2	46	54
27	Pneumonias	6.2	53	47
28	Other diseases of the respiratory system (tuberculosis excepted)	..6	61	39
29	Diarrhea and enteritis	..5	62	38
30	Appendicitis	1.1	58	42
31	Diseases of the liver and biliary passages	1.6	51	49
32	Other diseases of the digestive system	2.4	60	40
33	Nephritis	7.3	60	50
34	Other diseases of the genitourinary system	1.3	63	37
35	Puerperal septicemia	..	..	100
36	Other diseases of pregnancy, childbirth and the puerperal state	..	..	100
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	..2	55	45
38	Congenital debility and malformations, premature birth and other diseases of early infancy	3.7	57	43
39	Senility	..2	44	56
40	Suicide	1.3	74	26
41	Homicide	..4	67	33
42	Violent and accidental deaths (suicide and homicide excepted)	6.1	60	40
43	Cause of death not specified or ill-defined	..	66	34
	All causes	100.0	53.4	46.6

TABLE 15—DEATH RATES, TOTAL, WHITE AND COLORED, FROM IMPORTANT CAUSES, PER 100,000 TOTAL, WHITE AND COLORED POPULATION IN NEW JERSEY—1935

Abridged International List Number	CAUSE OF DEATH	Total Deaths per 100,000 Estimated Population	White Deaths per 100,000 Estimated White Population	Colored Deaths per 100,000 Estimated Colored Population
1	Typhoid and paratyphoid fever	0.6	0.5	0.8
2	Typhus fever	..	..	..
3	Smallpox	..	..	..
4	Measles	1.2	1.2	2.2
5	Scarlet fever	0.5	0.5	0.4
6	Whooping cough	2.2	2.0	7.0
7	Diphtheria	1.1	1.1	1.3
8	Influenza	9.1	8.6	13.1
9	Plague	..	..	..
10	Tuberculosis of the respiratory system	44.8	38.1	165.6
11	Other forms of tuberculosis	5.1	3.9	26.0
12	Syphilis	7.6	4.5	62.7
13	Malaria	0.1	0.1	..
14	Other infectious and parasitic diseases	6.6	6.4	11.4
15	Cancer and other malignant tumors	123.8	125.2	98.9
16	Tumors, nonmalignant, or of which the nature is not specified	5.9	5.2	18.5
17	Chronic rheumatism and gout	1.1	1.2	..
18	Diabetes mellitus	28.5	28.7	25.1
19	Alcoholism (acute or chronic)	2.0	1.8	5.3
20	Other general diseases and chronic poisonings	16.3	16.3	16.3
21	Progressive locomotor ataxia and general paralysis of the insane	4.3	3.7	15.9
22	Cerebral hemorrhage, cerebral embolism and thrombosis	75.9	74.8	95.8
23	Other diseases of the nervous system and of the organs of special sense	13.8	13.2	23.8
24	Diseases of the heart	235.1	224.3	300.3
25	Other diseases of the circulatory system	19.9	19.9	21.2
26	Bronchitis	2.8	2.8	3.5
27	Pneumonias	63.2	58.4	150.1
28	Other diseases of the respiratory system (tuberculosis excepted)	6.6	6.3	11.9
29	Diarrhea and enteritis	6.5	5.2	9.7
30	Appendicitis	11.2	11.2	11.4
31	Diseases of the liver and biliary passages	16.2	16.4	11.4
32	Other diseases of the digestive system	24.3	23.8	34.0
33	Nephritis	79.0	78.1	95.8
34	Other diseases of the genitourinary system	13.2	12.4	27.3
35	Puerperal septicemia	2.4	2.2	6.6
36	Other diseases of pregnancy, childbirth and the puerperal state	3.3	3.1	6.6
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	2.9	2.8	3.9
38	Congenital debility and malformations, premature birth and other diseases of early infancy	37.5	35.6	71.5
39	Senility	3.0	3.1	1.3
40	Suicide	13.8	14.3	5.3
41	Homicide	4.1	3.0	24.7
42	Violent and accidental deaths (suicide and homicide excepted)	62.1	61.2	79.9
43	Cause of death not specified or ill-defined	0.6	0.6	0.8
	All causes	1009.2	983.4	1474.3

TABLE 16.—DEATHS (EXCLUSIVE OF STILLBIRTHS) BY CAUSES AND MONTHS OF DEATH: NEW JERSEY—1935

Revised International List Number	CAUSE OF DEATH	MONTH OF DEATH												Total
		January	February	March	April	May	June	July	August	September	October	November	December	
		1 Typhoid and paratyphoid fever	26	1	1	1	2	2	1	4	2	4	2	
2 Typhoid fever	1	1	1	1	1	1	1	1	1	1	1	1	1	
3 Smallpox	15	1	1	1	1	1	1	1	1	1	1	1	1	
4 Measles	25	2	4	1	5	6	6	1	1	1	1	1	1	
5 Scarlet fever	98	14	11	9	0	11	7	6	7	7	6	2	6	
6 Whooping cough	48	5	2	8	6	8	1	2	1	1	7	2	10	
7 Diphtheria	368	183	54	57	31	29	13	4	6	12	8	21	25	
8 Influenza	1922	176	130	171	198	185	100	143	153	174	134	117	117	
9 Plague	221	12	18	21	21	26	20	14	19	16	15	24	24	
10 Tuberculosis of the respiratory system	327	28	37	35	24	29	29	27	22	20	19	33	33	
11 Other forms of tuberculosis	6	1	1	1	1	1	1	1	1	1	1	1	1	
12 Syphilis	285	10	10	12	16	16	11	22	22	22	22	14	25	
13 Gonorrhea	5309	450	383	427	474	483	436	417	470	432	415	430	430	
14 Other infectious and parasitic diseases	not specified	20	22	24	19	20	26	16	18	28	16	21	21	
15 Cancer and other malignant tumors	not specified	61	2	5	2	10	8	7	4	2	2	6	6	
16 Tumors, nonmalignant, or of which the nature is	128	13	13	9	10	9	10	9	9	9	9	12	12	
17 Diabetes mellitus	701	64	50	58	67	60	71	85	87	51	61	58	60	
18 Alcoholism (acute or chronic)	167	15	15	14	20	15	18	24	9	4	20	19	18	
19 Other general diseases and chronic poisonings	3256	335	272	321	288	298	293	251	246	248	246	246	246	
20 Progressive locomotor ataxia and general paralysis	593	61	69	58	45	50	80	48	48	45	40	27	49	
21 Cerebral palsy	1229	176	197	140	104	101	97	81	82	80	978	923	1185	
22 Other diseases of the nervous system and of the	176	10	10	10	10	10	10	10	10	10	10	10	10	
23 Other diseases of the circulatory system	374	16	11	15	12	14	14	14	14	14	14	14	14	
24 Bronchitis	2712	415	321	355	284	237	145	90	86	89	188	193	382	
25 Pneumonia	289	30	25	23	30	27	18	26	22	24	24	24	24	
26 Other diseases of the respiratory system (tubercu-	239	18	18	15	15	16	16	16	16	16	16	16	16	
27 Diarrhea and enteritis	481	40	33	52	44	44	42	39	50	30	41	35	34	
28 Appendicitis	695	54	68	67	62	74	54	56	42	39	80	52	67	
29 Diseases of the liver and biliary passages	3398	84	80	81	101	80	79	80	82	80	74	81	73	
30 Diseases of the digestive system	568	53	54	62	43	42	40	35	20	24	20	22	22	
31 Nephritis	105	12	7	9	5	14	7	6	6	6	6	6	6	
32 Other diseases of the genitourinary system	144	13	16	8	15	12	14	9	11	19	7	9	11	
33 Puerperal septicemia	128	18	9	5	6	10	18	16	14	11	9	7	7	
34 Other diseases of pregnancy, childbirth and the	1608	144	121	147	150	131	124	139	120	133	121	128	140	
35 Congenital debility and malformations, premature	329	14	15	5	13	14	11	17	10	8	6	9	12	
36 Birth and other diseases of early infancy	598	53	40	61	44	47	58	47	39	50	47	49	58	
37 Hemiplegia	178	9	11	15	13	18	22	14	16	15	13	18	14	
38 Violent and accidental deaths (suicide and homici-	2690	197	207	225	222	204	217	209	213	193	260	221	248	
39 Cause of death not specified or ill-defined	80	6	6	6	6	6	6	6	6	6	6	6	6	
All causes	45,207	4590	3700	4000	3906	3943	3371	3254	2991	3119	3402	3220	3087	

TABLE 17.—DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM EACH CAUSE OF THE ABRIDGED INTERNATIONAL LIST, BY AGE, SEX, AND COLOR IN NEW JERSEY, 1935.—Continued

CAUSE OF DEATH, SEX, AND COLOR	AGE PERIODS—YEARS											Age unknown															
	All deaths	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	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 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 and over	
12 Syphilis—																											
Total	327	25	1	1	1	1	27	2	2	6	4	18	25	29	29	52	48	58	68	11	18	0	1	1	1	1	
Males—White	187	10	1	1	1	1	16	1	1	1	5	6	8	11	11	21	22	29	34	2	6	1	1	1	1	1	
Males—Colored	187	10	1	1	1	1	16	1	1	1	5	6	8	11	11	21	22	29	34	2	6	1	1	1	1	1	
Females—White	44	3	1	1	1	1	8	1	1	3	2	1	4	6	6	6	8	8	5	4	1	1	1	1	1	1	
Females—Colored	55	8	1	1	1	1	8	1	2	1	4	7	6	6	6	7	5	3	5	4	2	1	1	1	1	1	
13 Malaria—																											
Total	6	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Males—White	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Males—Colored	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Females—White	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Females—Colored	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
14 Other infectious and parasitic diseases—																											
Total	280	11	4	7	7	7	57	21	16	14	20	20	20	10	18	20	10	12	14	6	6	3	1	1	1	1	
Males—White	154	13	5	4	2	4	28	13	11	10	7	6	10	9	7	11	12	7	8	0	4	2	1	1	1	1	
Males—Colored	13	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Females—White	100	13	3	4	2	2	22	8	5	4	3	1	1	2	6	1	1	2	4	5	6	2	1	1	1	1	
Females—Colored	13	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
15 Cancer and other malignant tumors—																											
Total	5300	2	1	2	5	4	8	19	25	33	69	170	241	381	545	682	700	847	692	512	208	107	27	1	1	1	
Males—White	270	1	1	1	1	1	2	6	13	19	1	17	4	4	12	14	33	31	40	31	2	1	1	1	1	1	
Males—Colored	270	1	1	1	1	1	2	6	13	19	1	17	4	4	12	14	33	31	40	31	2	1	1	1	1	1	
Females—White	215	1	1	1	1	1	2	6	7	16	48	108	164	210	273	342	327	402	317	271	142	70	17	1	1	1	
Females—Colored	132	1	1	1	1	1	2	3	4	13	7	15	16	18	17	17	17	17	13	2	4	1	1	1	1	1	
16 Tumors, nonmalignant, or of which the nature is not specified—																											
Total	255	3	2	2	2	2	8	8	3	4	8	10	8	11	20	44	30	23	7	0	8	4	2	1	1	1	
Males—White	77	1	1	1	1	1	4	4	2	3	4	7	6	5	7	7	10	2	3	4	2	1	1	1	1	1	
Males—Colored	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Females—White	136	1	1	1	1	1	2	3	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Females—Colored	37	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

17 Chronic rheumatism and gout—																												
Total	61	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Males—White	51	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Males—Colored	42	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Females—White	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Females—Colored	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
18 Diabetes—																												
Total	1226	1	2	2	2	2	6	5	3	10	10	34	53	85	100	219	200	216	120	45	10	3	1	1	1	1	1	
Males—White	408	1	1	1	1	1	3	3	1	2	4	9	10	22	43	81	75	72	48	14	6	2	1	1	1	1	1	
Males—Colored	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Females—White	788	1	1	1	1	1	1	1	1	2	3	3	3	4	3	4	3	4	4	2	2	2	1	1	1	1	1	
Females—Colored	38	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
19 Alcoholism (acute or chronic)—																												
Total	86	1	1	1	1	1	5	3	9	13	15	12	10	12	2	6	1	1	1	1	1	1	1	1	1	1	1	
Males—White	50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Males—Colored	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Females—White	21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Females—Colored	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
20 Other general diseases and chronic poisonings—																												
Total	701	69	5	6	7	6	70	47	49	97	30	38	30	47	46	49	55	65	46	40	39	18	5	1	1	1	1	
Males—White	302	22	1	3	2	6	34	24	24	17	18	12	13	16	13	22	20	27	26	20	15	6	1	1	1	1	1	
Males—Colored	30	2	1	1	1	1	5	2	3	1	2	1	2	2	2	2	3	3	3	3	3	1	1	1	1	1	1	
Females—White	362	27	3	2	4	3	30	17	15	10	11	16	15	21	30	27	33	35	25	28	21	13	5	1	1	1	1	
Females—Colored	17	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
21 Primary general paralysis, tabes dorsalis, and general paralysis of the insane—																												
Total	187	1	1	1	1	1	6	3	3	6	15	19	27	20	32	20	14	8	3	1	2	1	1	1	1	1	1	
Males—White	110	1	1	1	1	1	4	2	3	3	10	11	17	10	14	10	10	10	10	10	10	10	10	10	10	10	10	
Males—Colored	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Females—White	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Females—Colored	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
22 Cerebral hemorrhage, cerebral embolism and thrombosis—																												
Total	3236	2	1	2	1	1	5	3	4	4	8	14	40	78	134	263	325	391	493	508	474	289	178	37	1	1	1	
Males—White	1434	1	1	1	1	1	3	1	1	4	2	7	15	25	40	110	162	187	221	231	207	114	63	13	1	1	1	
Males—Colored	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Females—White	1008	1	1	1	1	1	2	2	2	1	7	10	38	73	115	134	176	231	239	248	167	109	23	1	1	1	1	
Females—Colored	116	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
23 Other diseases of the nervous system and of the organs of special sense—																												
Total	593	48																										

TABLE 17.—DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM EACH CAUSE OF THE ABRIDGED INTERNATIONAL LIST, BY AGE, SEX, AND COLOR IN NEW JERSEY, 1918—Continued

CAUSE OF DEATH, SEX, AND COLOR	AGE PERIODS—YEARS													All deaths												
	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	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 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 and over	Age unknown
36 Other diseases of pregnancy, childbirth and the puerperal state—																										
Females—White	144									7	10	31	40	31	15	1										
Females—Colored	129									5	15	28	37	30	15	1										
Total	15									2	4	5	3	1												
37 Diseases of the skin and cellular tissue and of the bones and joints and of locomotion—																										
Total	125	6	2	2	1	12	8	9	8	5	5	4	0	8	13	10	4	0	7	11	8	3	3			
Males—White	67	3	1	1	1	6	5	6	7	3	3	3	2	3	4	0	2	1	4	0	2	1	2			
Males—Colored	2																									
Females—White	49	3	1	2	0	5	3	3	1	1	2	4	5	3	4	3	2	2	5	6	1	2	1			
Females—Colored	1																									
38 Congenital debilities and malformations, premature birth and other diseases of early infancy—																										
Total	1,088	1,603	10	6	2	1,001	7																			
Males—White	585	825	9	5	1	531	3																			
Males—Colored	35	94	1	1		35																				
Females—White	612	692	4	1	1	668	4																			
Females—Colored	67	65	2			67																				
39 Senility—																										
Total	129																									
Males—White	67																									
Males—Colored	60																									
Females—White	8																									
Females—Colored	8																									
40 Suicide—																										
Total	503									2	32	40	39	44	60	63	60	82	61	42	26	10	7	1		
Males—White	434									1	3	24	29	22	30	30	40	66	50	41	30	21	15	6	1	
Males—Colored	8									1	5	19	15	13	18	14	13	21	9	6	5	3	1			
Females—White	147									4	5	19	15	13	18	14	13	21	9	6	5	3	1			
Females—Colored	4									1	1	1	1	1	1	1	1	1	1	1	1	1	1			
41 Homicide—																										
Total	178	6								6	3	1	20	16	19	15	14	11	6	4	2	2	1			
Males—White	45	1								1	1	7	9	12	9	7	6	6	3	1	2	1				
Males—Colored	46	1								2	1	6	5	4	0	3	1	1	1	2	1					
Females—White	40	3								4	2	11	6	4	1	4	4	1	1	1	1					
Females—Colored	11									1	1	3	3	1	2	1	2	1	1	1	1					
42 Violent and accidental deaths (excepted) and homicide excepted—																										
Total	2,996	28	33	29	20	33	143	134	119	129	135	122	129	147	159	163	163	167	162	137	162	130	112	60	21	1
Males—White	1,725	15	19	12	10	20	67	86	80	92	112	85	88	93	121	140	143	141	143	113	133	93	63	43	16	1
Males—Colored	128	5				3	1	9	6	6	5	15	17	11	13	14	6	4	9	3	2	3	3	4	6	1
Females—White	639	10	12	15	9	11	54	40	31	20	16	18	18	36	22	28	27	27	67	67	62	63	60	44	16	
Females—Colored	65	3	6	2	1	1	13	2	2	2	4	6	3	3	3	6	5	1	1	2	2	1	1	1	1	
43 Cause of death not specified or ill-defined—																										
Total	500	1	3	3						7	1	2	1	1	3	1	4	4	2	1	2					
Males—White	2	1	1	1						1	1	1	1	3	1	2	3	1	1	1	1					
Males—Colored	9									2	1	1	1	1	1	1	2	1	1	1						
Females—White	9									1	1	1	1	1	1	1	1	1	1	1						
Females—Colored	1									1	1	1	1	1	1	1	1	1	1	1						

TABLE 20.—DEATHS FROM EACH CAUSE, DETAILED INTERNATIONAL LIST, IN THE COUNTIES
FIGURES INCLUDE PLACES

	Bloomfield	East Orange	Irington	Montclair	Newark	Nutley	Orange	South Orange	West Orange	Gloucester County	Woodbury
54. Nonmalignant tumors	1	7	1	2	26	2	2				
55. Tumors of which the nature is not specified		2	1	9	1	3					
56. Acute rheumatic fever	1	2	2	14	1	1	3	1			
57. Chronic rheumatism, osteoarthritis		3		4							
58. Gout											
59. Diabetes mellitus	9	16	20	15	138	2	16	6	9	20	2
60. Scoury											
61. Beriberi											
62. Pellagra					1						
63. Rickets											
64. Osteomalacia											
65. Diseases of the pituitary body											
66. Diseases of the thyroid and parathyroid glands	1	6	3	3	11	1				2	1
67. Diseases of the thymus gland	1				5					3	
68. Diseases of the adrenals					1						
69. Other general diseases					1						
70. Hemorrhagic conditions		1		1	2						
71. Anemias	2	2	1	10						1	
72. Leukemias and pseudoleukemias		6	3	2	26	3	4			4	
73. Diseases of the spleen				2							
74. Other diseases of the blood and blood-making organs											
75. Alcoholism		1	3	1	11	1	1				
76. Chronic poisoning by other organic substances											
77. Chronic poisoning by mineral substances			1		4						
78. Encephalitis					6		2			2	1
79. Meningitis		1	1	1	7		3			1	
80. Progressive locomotor ataxia					4					1	1
81. Other diseases of the spinal cord		5	2	2	13		2			3	
82. Cerebral hemorrhage, cerebral embolism and thrombosis	26	61	33	35	289	14	27	12	17	79	5
83. General paralysis of the insane		2	2	1	26		4	1	2	6	2
84. Dementia praecox and other psychoses					8					2	
85. Epilepsy	1	2		2	8				2	3	
86. Convulsions (under 5 years of age)			1	1	1						
87. Other diseases of the nervous system	2	1	2	2	16	1	2	1	1	2	
88. Diseases of the organs of vision											
89. Diseases of the ear and of the mastoid process	1	1	3		13	1	1		2		
90. Pericarditis			2		4					2	
91. Acute endocarditis	1				21					1	2
92. Chronic endocarditis, valvular diseases	7	36	21	22	139	6	23	5	24	25	3
93. Diseases of the myocardium	55	136	69	56	615	24	59	19	35	118	22
94. Diseases of the coronary arteries and angina pectoris	27	58	20	25	242	13	26	9	12	31	5
95. Other diseases of the heart	4	24	15	20	336	5	9	2	5	49	9
96. Aneurysm	1	1			11		1	1		2	
97. Arterio sclerosis	1	9	1	11	59	5	6	4	1	4	
98. Gangrene					13	1			1	2	
99. Other diseases of the arteries					2						
100. Diseases of the veins					1						
101. Diseases of the lymphatic system											
102. Idiopathic anomalies of the blood-pressure			1		7						
103. Other diseases of the circulatory system											
104. Diseases of the nasal fossae and annexes											
105. Diseases of the larynx											
106. Bronchitis		6	1	4	13		3	1	1	2	1
107. Broncho pneumonia	4	8	5	10	123	5	11	1	2	19	2
108. Lobar pneumonia	18	24	17	15	215	6	17	1	10	37	2

OF NEW JERSEY AND MUNICIPALITIES OF 5,000 OR MORE INHABITANTS IN 1930. COUNTY WHICH FOLLOW: 1935—Continued

	Hudson County	Bayonne	Guttenberg	Harrison	Hoboken	Jersey City	Kearny	Secaucus	Union City	West New York	Hunterdon County	Lambertville	Mercer County	Princeton	Trenton	Middlesex County	Carteret	Highland Park	New Brunswick	Perth Amboy	Sarreville	South Amboy	
30	6				1	14	2		4	2	1		5	1	3	8		1	3	1			
8	3		1		1	1	1						5	1	4	6			1	1			1
27	3				9	11	2						5	3	4	6				1	1		
7	3				1	6	2			1	1		4	4	4	1				1	2		
205	14	1	9	22	110	8	2	14	11	8			63	1	40	88			6	17	11	4	2
1					1																		
1					1																		
19	3				8	2	1	3	1	2			7	1	6	3			1				1
4	1				1	1							5	4	2	4							
2	7	1			1	3																	
4	1	1			1																		
15	1				1	9	1	1	2	2	1	1	6	1	4	6			1	1	2	1	1
35	2				2	21	1	1	4	1	1	1	9	1	5	10			1	1	3	1	1
2					1	1							2	1	2	10							
2					1					1													
15					3	9		1		1	2		4	1	3	6			2	1	1		
1						1																	
9						1																	
19	3				2	1	1	1	2	1	1		1		5	3			1	1			
18	2				1	7		1	1	1	1		9		7	10							2
480	55	1	8	38	260	14	3	47	26	48	10	163	10	97	136	7	4	36	33	7	8		
26	2				3	18	1	2	2	2		1	5	4	4	4			1	1	1		
10	2				1	4							1	3	1	3			1	1	1		
10	2				1	5							3	1	3	1			1	1	1		1
1					1	1		1	2	2			3	1	3	1			1	1	1		
19	3				1	8	1	1	2	1	1	1	3	3	3	2			1	1			
14						6	2		2	1			4		2	2				1	1		
1																							
34	8				4	16	3		1	2			13		7	8				1			1
170	25	2	4	12	78	12	1	14	7	44			62	3	48	58							
1198	110	11	29	131	593	57	12	114	40	74	10	333	11	217	219	10	10	36	43	14	15		
225	31	3	2	26	94	18	1	18	12	23		4	121	6	83	55	2	2	15	10			5
142	41	2	9	40	234	15	4	22	9	21		7	76	2	52	143	1	4	38	11	1	3	8
84	6	1		9	56		2	4	2	8		1	38	1	30	20	2	1	1	1			
8					1																		
3					6																		
8	1				4	1	1	1															
2					2																		
3					1																		
12	2				1	6																	
207	21	2	3	10	130	8	3	12	10	18			45	1	33	44	4	2	14	4	4	2	2
250	32	3	7	27	123	15	4	17	10	12			67	4	67	81	8	2	17	10	3	3	3

TABLE 20.—DEATHS FROM EACH CAUSE, DETAILED INTERNATIONAL LIST, IN THE COUNTIES
FIGURES INCLUDE PLACES

	Bloomfield	East Orange	Irrington	Montclair	Newark	Nutley	Orange	South Orange	West Orange	Gloucester County	Woodbury
109. Pneumonia, unspecified	1		1	2	10	1		1		1	
110. Pleurisy			1		11		1			2	
III. Congestion, edema, embolism, hemorrhagic infarct, and thrombosis of the lungs	1	4	1	1	11						
112. Asthma				1	4	1		1	1		
113. Pulmonary emphysema											
114. Other diseases of the respiratory system					9						
115. Diseases of the buccal cavity and annexa and of the pharynx and tonsils	2	3	4	4	14	3		1	3	1	
116. Diseases of the esophagus											
117. Ectec of the stomach and duodenum	4		1		31	1	3	2	1	5	1
118. Other diseases of the stomach				1	5					4	
119. Diarrhea and enteritis (under 2 years of age)	1	1	3	3	29			1	1	1	
120. Diarrhea and enteritis (2 years and over)	1				6		2	2	2	1	
121. Appendicitis	5	1	3	1	36	2	2	2	1	5	
122. Hernia, intestinal obstruction	5	7	5	1	36	3	1	4	9	3	
123. Other diseases of the intestines	7	3	1	1	11	1		1	3	8	
124. Cirrhosis of the liver				1	51	1	8	1	3	8	
125. Other diseases of the liver					5						
126. Biliary calculi	1	3	2	3	19	3	1		2		
127. Other diseases of the gall-bladder and biliary passages	1	2	3		6	2	1	1		8	
128. Diseases of the pancreas					1						
129. Peritonitis, cause not specified					4						
130. Acute nephritis (including unspecified under 10 years of age)		4			15	2	1	2	6	1	
131. Chronic nephritis	32	59	88	29	275	9	23	12	22	85	10
132. Nephritis, unspecified (10 years and over)	1	2	2	1	14	3	1	1	4		
133. Other diseases of the kidneys and ureters (puerperal diseases excepted)											
134. Calculi of the urinary passages		3	3	3	12	1	2		1	2	
135. Diseases of the bladder					1						
136. Diseases of the urethra, urinary abscess, etc.											
137. Diseases of the prostate	3	3	2	2	34	2	4		1	6	
138. Diseases of the male genital organs, not specified as venereal											
139. Diseases of the female genital organs, not specified as venereal	2	2	1	4	13		2		1		
140. Abortion with septic conditions	1	1	1		6		1				
141. Abortion without mention of septic conditions					1						
142. Ectopic gestation					2		2				
143. Other accidents of pregnancy					1						
144. Puerperal hemorrhage					4	1					
145. Puerperal septicemia					4	1			2		
146. Puerperal albuminuria and eclampsia					4	1					
147. Other toxemia of pregnancy					3						
148. Puerperal phlegmasia alba dolens, embolus, sudden death	1				1				1		
149. Other accidents of childbirth		1			2	1	1		1		
150. Other and unspecified conditions of the puerperal state					6	1	1		1		
151. Furuncle, carbuncle	1			1	2						1
152. Phlegmon, acute abscess	2				6		1				
153. Other diseases of the skin and annexa, and of the cellular tissue					2	1					
154. Osteomyelitis		1	1	1	4			1	1		
155. Other diseases of the bones (tuberculosis excepted)					1	1					
156. Diseases of the joints and other organs of locomotion					3			1			
157. Congenital malformations	3	3	6	3	23	3	3	1	4	2	

OF NEW JERSEY AND MUNICIPALITIES OF 5,000 OR MORE INHABITANTS IN 1930. COUNTY WHICH FOLLOW: 1930—Continued

	Hudson County	Passaic	Paterson	Passaic	Hoboken	Jersey City	Kearny	Secaucus	Union City	West New York	Hunterdon County	Lambertville	Mercer County	Princeton	Trenton	Middlesex County	Carteret	Highland Park	New Brunswick	Perth Amboy	Sayreville	South Amboy	
19	4		1	6	4	3		1		1						6				2			
10				7	7	1										6							
4	1			1	1	1					1	1	1	1	1	2		1		1			
7				1	3	1			1				2	2	2	2							
13	2			2	8					1	2					3					2		
21				3	13	1			2	1			6		4	5				1			
1				1	1								1		1	1				2			
46	3	2		4	24	3			4	2	1		15	1	10	19	2	1	3	2	1	1	
6	3	2		2	2				1	1			1	1	1	5			2	1			
24	1		2	2	11	1			2	1	2	2	5	3	3	3	7		1	1	1	1	1
14	2	3	1	1	8	1			1	1			1	1	1	1	2						
36	10	3	1	6	44	12			10	5	6	18	18	15	13	13	2	1	5	5	3		
71	10	3	2	10	33	2	1	4	3	6	1	19	13	13	2	1	2	3	3	3	3		
12	1			1	6				2	2	2	4	4	1	1	1	1	1	1	1	1	1	1
56	5	1		7	25	1	2	4	2	2	2	2	14	3	8	15		1	2	4			
4	3			1	2				1	1			5	3	3	4				1			
40	6		3	18	1			3	4				3	5	1	3	10	1	1	1	3		1
22	1			4	14				1				8		6	2				1			
2				1	1				1				1		1	2		1					
2	1				1								3	1	2	1							
11			1		8				2	4	3	5	8	2	4	9			6	1			1
340	29	8	3	29	150	25	4	39	19	34	5	152	3	5	95	130	8	6	28	29	5	3	
35	5	2	4	19	1			1	2	19	2	1	3	3	8	6	6	3	1	1	1		
15		1	1	1	11								5	4	2	2			1				
6				1	4				1				4	4	3	3							
1				1	1								2		1	2			1				
44	2		3	25	2	1	7			3			3		6	11	1		3	3		1	
24	2			18	1		2			2			5		4	6				1			1
11	2		1	5	1								4		2	2							
2													3		3	3							
1													1		1	1							
3	1			1	1								1		1	1							
9	1		1	1	4				1				3		2	2							
3				3	3								1		1	1							
2				1	1								1		1	1							
1													2		2	1							
2													2		2	2							
1													1		1	1							
3	1				2								1		1	3			1				1
2					6								1		3	3							
3					2								3		3	2							
8					5					1	1		2		2	5					2		1
1					1								1		1	1							
56	4		2	4	26	1		10	3	2	1	14		8	21	2	1	2	8	1			

TABLE 21.—DEATHS BY OCCUPATIONS

	AGRICULTURE, FORESTRY AND ANIMAL HUSBANDRY				EXTRACTION OF MINERALS				OTHER					
	Formers	Farm laborers	Fishermen and fishermen	Gardeners, florists, fruit growers and nurserymen	Other agricultural and animal husbandry pursuits	Foremen, overseers and inspectors	Miners	Quarry operatives						
Tuberculosis of the respiratory system	10 to 19													
	20 to 29	1	2		1									
	30 to 39	4	1		1									
	40 to 49	4	2											
	50 to 59	1	2		2									
	60 to 69	3	2		2									
	70 to 79	3	2		2									
	80 and over	3	2		2									
Totals	21	10		6	1		4							
Cancer and other malignant tumors	10 to 19													
	20 to 29	1												
	30 to 39													
	40 to 49	8			1									
	50 to 59	20	4	1	1		1							
	60 to 69	26	4	4	19									
	70 to 79	33	1	4	9	1								
	80 and over	21	1	4	1		1							
Totals	109	12	9	30	1		2							
Diseases of the nervous system and of the special sense	10 to 19				1									
	20 to 29		2											
	30 to 39	1												
	40 to 49	5	2											
	50 to 59	5	3	3	5									
	60 to 69	26	3	2	5									
	70 to 79	33	5	2	7		1							
	80 and over	22	4	4	6									
Totals	91	15	11	25	1		2							
Diseases of the circulatory system	10 to 19													
	20 to 29	3			1									
	30 to 39	4	2		2									
	40 to 49	16	7	1	2									
	50 to 59	34	9	2	11		2							
	60 to 69	54	15	6	22		5							
	70 to 79	128	11	7	20		3							
	80 and over	86	5	5	7									
Totals	389	50	23	65	8		11							

AND AGE GROUPS, NEW JERSEY, 1935

	MANUFACTURING AND MECHANICAL INDUSTRIES														Laborers—	General and not specified	Building and hand trades	Chemical industries	Clay and stone industries (excepting potteries)
	Bakers	Breadstuffs, 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)						Glueblowers	Jewelers, watchmakers, goldsmiths and silversmiths
Tuberculosis of the respiratory system	4	5	2	18	1	36	1	4	1	7	4	1	1	6	2	192	6	4	2
Cancer and other malignant tumors	19	14	7	25	20	121	3	16	6	12	36		2	16	1	221	6	4	3
Diseases of the nervous system and of the special sense	10	7	4	13	9	62		11	5	10	29	1	4	10	4	202	3	5	1
Diseases of the circulatory system	34	35	13	57	50	245	12	20	14	29	88	4	7	37	6	667	14	12	6

TABLE 21.—DEATHS BY OCCUPATIONS AND

	Potteries	Rubber industries	Textile industries	Other industries	Shoemakers and robbers (not in factory)	Stonecutters	Tailors and tailresses	Tinmiths and coppermiths	Upholsterers	Other manufacturing and mechanical industries
Tuberculosis of the respiratory system										
10 to 19			1	2						1
20 to 29	1	3	4	5	2		1	1		1
30 to 39			2	2			1			
40 to 49			1	1			1			
50 to 59	1	1	3	4	1		1			
60 to 69	1	1	4	5			1			
70 to 79	1	1	2	3			1			1
80 and over	1	1	2	3			1			1
Totals	8	6	27	32	4	2	12	4	2	3
Cancer and other malignant tumors										
10 to 19			1				1			
20 to 29	1		1				1			
30 to 39			2				3			
40 to 49		1	2		3		1			
50 to 59		4	12		4		5			
60 to 69	1	4	20		13		9			
70 to 79	1	1	10		1		10		1	2
80 and over	1	1	5		1		1			3
Totals	10	6	53	22	14	5	29	5	2	7
Diseases of the nervous system and of the organs of special sense										
10 to 19		1	3		1					
20 to 29		1	2							
30 to 39		1	7		1					
40 to 49		1	4		1					
50 to 59	1	1	5		5		1			1
60 to 69	3	2	9		4		4		1	2
70 to 79	1	2	12		3		4		2	2
80 and over	1	1	4		1		1		2	3
Totals	5	7	38	20	10	1	18	3	3	5
Diseases of the circulatory system										
10 to 19			1							
20 to 29	1		2							
30 to 39			6							
40 to 49			16							
50 to 59			19							
60 to 69	1		16							
70 to 79	10		36							
80 and over	4		3							
Totals	23	11	112	78	39	12	53	17	6	24

AGE GROUPS, NEW JERSEY, 1935—Continued

	TRANSPORTATION																			
	Water—	Bathmen, ranaheen, aslors and deck hands	Longshoremen and stevedores	Other pursuits	Road and Street—	Chauffeurs	Contractors and foremen (road building)	Garage keepers and managers	Laborers (road building) and street cleaners	Livery stable keepers and managers, hostlers and stable hands	Other pursuits	Railroad—	Baggage men and freight agents	Brakemen	Conductors	Foremen, overseers and inspectors	Laborers	Locomotive engineers	Locomotive firemen	
Tuberculosis of the respiratory system																				
10 to 19																				
20 to 29																				
30 to 39																				
40 to 49																				
50 to 59																				
60 to 69																				
70 to 79																				
80 and over																				
Totals	2	2			7	33	1	1		5		1	4	1	2	5				
Cancer and other malignant tumors																				
10 to 19																				
20 to 29																				
30 to 39																				
40 to 49																				
50 to 59																				
60 to 69																				
70 to 79																				
80 and over																				
Totals	12	3	7		14	19	2	4	6	12		1	4	8	5	9		2		
Diseases of the nervous system and of the organs of special sense																				
10 to 19																				
20 to 29																				
30 to 39																				
40 to 49																				
50 to 59																				
60 to 69																				
70 to 79																				
80 and over																				
Totals	13	5	4		5	13	4	2	4	7		3	6	4	4	6	5			
Diseases of the circulatory system																				
10 to 19																				
20 to 29																				
30 to 39																				
40 to 49																				
50 to 59																				
60 to 69																				
70 to 79																				
80 and over																				
Totals	41	16	10		33	59	3	8	20	10	20	8	17	14	18	14	36	6		

TABLE 21.—DEATHS BY OCCUPATIONS 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	Fishermen	Mail carriers	Telegraph operators	Telephone operators	Other pursuits
Tuberculosis of the respiratory system												
10 to 19												1
20 to 29												1
30 to 39		1					1					1
40 to 49												1
50 to 59												1
60 to 69												1
70 to 79												1
80 and over												1
Totals	4	1			3		1				1	5
Cancer and other malignant tumors												
10 to 19												
20 to 29												
30 to 39									1			
40 to 49			1									
50 to 59				1					2			
60 to 69		1		2				2	4			1
70 to 79		1		1				1	1			1
80 and over												1
Totals	3	2	3	5	12			5	5	2	2	2
Diseases of the nervous system and of the special sense												
10 to 19												
20 to 29												
30 to 39												
40 to 49												
50 to 59												
60 to 69				1								
70 to 79					3							
80 and over												
Totals	2	4	8	1	5		1	1	4	2		4
Diseases of the circulatory system												
10 to 19												1
20 to 29												2
30 to 39												1
40 to 49		1										1
50 to 59												5
60 to 69				10								5
70 to 79					3							4
80 and over												6
Totals	11	10	22	3	36		3	1	12	6	4	19

AGE GROUPS, NEW JERSEY, 1935—Continued

	TRADE										PUBLIC SERVICE (NOT ELSEWHERE CLASSIFIED)									
	Bankers, brokers and moneylenders	Clerks in stores	Deliverymen	Laborers	Real estate and insurance agents and officials	Salesmen and saleswomen	Undertakers	Wholesale and retail dealers	Other pursuits		Firemen (fire department)	Laborers (public service)	Marshals, sheriffs, detectives, etc.	Officials and inspectors (city, county, state, U.S.)	Policemen	Soldiers, sailors and marines	Other pursuits			
10 to 19		2			2			1												
20 to 29			1		1															
30 to 39		1		1	1			2												
40 to 49					1			11												
50 to 59		1		2	2			12												
60 to 69					1			4												
70 to 79		1			1			4												
80 and over																				
Totals	2	3	2	5	6	35	2	34	5		1	6		4	2		14			
10 to 19			1					1												
20 to 29				1																
30 to 39				1																
40 to 49					9			12												
50 to 59		2	2	2	12			56												
60 to 69		5	2	2	16			18												
70 to 79		2	2	2	9			6												
80 and over		2	2	2	2			4												
Totals	18	5	5	6	47	63	2	174	8		6	10	2	20	15	3	60			
10 to 19																				
20 to 29		1						2												
30 to 39								10												
40 to 49								21												
50 to 59								80												
60 to 69								40												
70 to 79								10												
80 and over																				
Totals	7	2	1	5	23	47	8	125	7		4	18	1	6	12	4	28			
10 to 19																				
20 to 29																				
30 to 39																				
40 to 49																				
50 to 59																				
60 to 69																				
70 to 79																				
80 and over																				
Totals	51	20	7	17	118	190	8	452	32		20	18	9	34	56	18	150			

TABLE 21.—DEATHS BY OCCUPATIONS AND

	PROFESSIONAL SERVICE															
	Architects	Authors, editors and reporters	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 and other educators	Other professional and semi-professional pursuits			
Tuberculosis of the respiratory system																
10 to 19													4	4	7	
20 to 29													1	1	2	
30 to 39		1											1	1	2	
40 to 49		1	1										1	1	2	
50 to 59		1	1										1	1	2	
60 to 69		1	1										1	1	2	
70 to 79		1	1										1	1	2	
80 and over		1	1										1	1	2	
Totals	4	3	2	2	2	2	1	4	4	4	3	8	19			
Cancer and other malignant tumors																
10 to 19																2
20 to 29																2
30 to 39																6
40 to 49	1															12
50 to 59	1															10
60 to 69	1															16
70 to 79	1															10
80 and over	1															2
Totals	4	6	10	3	16	3	2	10	9	2	9	42	49			
Diseases of the nervous system, organs of special sense																
10 to 19																2
20 to 29																2
30 to 39																5
40 to 49	1															9
50 to 59	1															10
60 to 69	1															5
70 to 79	1															5
80 and over	1															5
Totals	3	3	2	1	9	3	6	6	2	3	8	20	32			
Diseases of the circulatory system																
10 to 19																6
20 to 29																2
30 to 39																12
40 to 49																36
50 to 59																46
60 to 69																32
70 to 79																15
80 and over																15
Totals	7	17	8	14	45	10	17	42	22	10	33	66	149			

AGE GROUPS, NEW JERSEY, 1935—Continued

	DOMESTIC AND PERSONAL SERVICE															CLERICAL OCCUPATIONS														
	Barbers, hairdressers and manicurists	Bar-tenders	Hotel keepers and managers	Housekeepers and stewards	Janitors and sextons	Lanterners and laundresses	Porters (except in stores)	Restaurant, cafe and lunch room keepers	Subwaykeepers	Servants	Waiters	Other pursuits	Agents, canvassers and collectors	Bookkeepers, cashiers and accountants	Clerks (except clerks in stores)	Other clerical pursuits*	Totals													
Tuberculosis of the respiratory system																														
10 to 19																	27													
20 to 29																	846													
30 to 39	5	1															387													
40 to 49	5	1															360													
50 to 59	1																267													
60 to 69	1																174													
70 to 79	1																54													
80 and over	1																9													
Totals	10	2	1	431	9	8	7	3	1	80	15	21	2	21	61	16	1624													
Cancer and other malignant tumors																														
10 to 19																	7													
20 to 29																	45													
30 to 39																	217													
40 to 49	1																548													
50 to 59	5	1	3	273	1												1089													
60 to 69	8	1	4	527	6												1290													
70 to 79	2		2	350	5												861													
80 and over	1		2	112	1												227													
Totals	16	3	16	1873	10	10	9	12	1	53	16	40	6	28	79	21	4284													
Diseases of the nervous system, organs of special sense																														
10 to 19																	3													
20 to 29																	41													
30 to 39	1																119													
40 to 49	4	2															302													
50 to 59	5	1	4	359	4												635													
60 to 69	4	2	2	336	4												809													
70 to 79	1		2	315	4												731													
80 and over	1		2	143	2												283													
Totals	16	5	8	1218	15	1	5	7		55	13	22	6	22	56	13	2923													
Diseases of the circulatory system																														
10 to 19																	9													
20 to 29																	166													
30 to 39																	360													
40 to 49	4	4	7	315	2												1078													
50 to 59	13	6	6	642	13												1963													
60 to 69	11	5	7	852	19												2964													
70 to 79	2	1	6	353	20												2451													
80 and over	1		2	376	4												1147													
Totals	35	18	29	3712	60	19	23	18	4	135	26	32	25	73	210	38	9690													

TABLE 21.—DEATHS BY OCCUPATIONS AND

	AGRICULTURE, FORESTRY AND ANIMAL HUSBANDRY					EXTRACTION OF MINERALS					
	Farmers	Farm laborers	Fishermen and oystermen	Gardeners, florists, fruit growers and nurserymen	Other agricultural and animal husbandry pursuits	Foremen, overseers and inspectors	Miners	Quarry operatives			
Pneumonia											
10 to 19											
20 to 29											
30 to 39											
40 to 49											
50 to 59											
60 to 69	1										
70 to 79	9	4	1								
80 and over	16	4									
Totals	41	9	1	11	2			1			
Diseases of the respiratory system (pneumonia excepted)											
10 to 19											
20 to 29											
30 to 39											
40 to 49											
50 to 59	1										
60 to 69	1	1									
70 to 79	4	1									
80 and over	3										
Totals	10	3									
Diseases of the digestive system											
10 to 19											
20 to 29	1										
30 to 39	4										
40 to 49	4		1								
50 to 59	1										
60 to 69	12	2	2								
70 to 79	9	2									
80 and over	5		1								
Totals	36	8	4	18							
Non-venereal diseases of the genito-urinary system and anus											
10 to 19											
20 to 29											
30 to 39		1									
40 to 49	1	2									
50 to 59	14	2	2								
60 to 69	42	8	2								
70 to 79	27	5									
80 and over	36	11	2	8	2						
Totals	120	16	6	19	4						

AGE GROUPS, NEW JERSEY, 1935—Continued

	MANUFACTURING AND MECHANICAL INDUSTRIES																					
	Bakers	Blacksmiths, farriers 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, goldsmiths and silversmiths	Laborers—	General and not specified	Building and hand trades	Chemical industries	Clay and stone industries (excepting pottery)	
Pneumonia																						
10 to 19																						
20 to 29																						
30 to 39																						
40 to 49																						
50 to 59																						
60 to 69																						
70 to 79	1																					
80 and over	3																					
Totals	5	5		6	2	32	2	2	1	4	19	1	3	4		4	190	3	2	1		
Diseases of the respiratory system (pneumonia excepted)																						
10 to 19																						
20 to 29																						
30 to 39																						
40 to 49																						
50 to 59																						
60 to 69																						
70 to 79	1																					
80 and over	1																					
Totals	3	1				5	1	1		3	1		2	2		1	19	2				
Diseases of the digestive system																						
10 to 19																						
20 to 29																						
30 to 39																						
40 to 49																						
50 to 59																						
60 to 69																						
70 to 79	2																					
80 and over	2																					
Totals	7	5	2	4	8	25			4	7	17	1	1	7	1	3	116	3	6			
Non-venereal diseases of the genito-urinary system and anus																						
10 to 19																						
20 to 29																						
30 to 39																						
40 to 49																						
50 to 59																						
60 to 69																						
70 to 79	1																					
80 and over	3																					
Totals	8	7	5	18	22	73	4	14		8	25		3	16	5	13	193	9	2	1		

TABLE 21.—DEATHS BY OCCUPATIONS AND

	Veterics	Rubber industries	Textile industries	Other industries	Shoemakers and cobblers (not in factory)	Stonecutters	Tailors and tailorssees	Tinmiths and coppermiths	Upholsterers	Other manufacturing and mechanical industries
Pneumonia										
10 to 19	1		1	4			1			
20 to 29	1		1	3						
30 to 39	1		1	4						
40 to 49	1		1	4						
50 to 59	1	1	5	3			1			
60 to 69	1	1	8	4	1		4			4
70 to 79	1	1	4	6			1		1	
80 and over			1							
Totals	5	4	25	22	2	1	7	1	1	4
Diseases of the respiratory system (Pneumonia and influenza excepted)										
10 to 19				1						1
20 to 29										
30 to 39				1						
40 to 49			1	1						
50 to 59			2				2			
60 to 69			7	4			1			
70 to 79	1		1	1			1			
80 and over			1							
Totals			4	2			2	1		1
Diseases of the circulatory system										
10 to 19				1			1			
20 to 29		1		2			1			
30 to 39				2			1			
40 to 49			1	3			1			
50 to 59			7	8			2			1
60 to 69			8	4		1	1			1
70 to 79	1		1	1			1			1
80 and over			1							
Totals	4	5	22	17	7	1	9	3	3	6
Non-venereal diseases of the genito-urinary system										
10 to 19			1	1						
20 to 29			1	2						
30 to 39			2	2						
40 to 49			3	2						
50 to 59			4	4						
60 to 69			6	2						1
70 to 79			13	5						1
80 and over			1	1						1
Totals	11	8	31	26	9	5	17	2	2	6

AGE GROUPS, NEW JERSEY, 1935—Continued

	TRANSPORTATION																
	Water—	Road and Street—			Railroad—			Other pursuits									
	Boatmen, rumblers, sailors and deck hands	Longshoremen and stevedores	Other pursuits	Chaufeurs	Contractors and foremen (road building)	Garage keepers and managers	Laborers (road building) and street cleaners	Livery stable keepers and managers, hostlers and stable hands	Other pursuits	Railroad—	Baggage men and freight agents	Brakemen	Conductors	Foremen, overseers and inspectors	Laborers	Locomotive Engineers	Locomotive firemen
10 to 19																	
20 to 29																	
30 to 39																	
40 to 49																	
50 to 59																	
60 to 69	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1
70 to 79	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
80 and over																	
Totals	5	3	3	6	21	2	2	10	2	2	2	4	3	7	5	5	
10 to 19																	
20 to 29																	
30 to 39																	
40 to 49																	
50 to 59																	
60 to 69	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
70 to 79	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
80 and over																	
Totals	4	4	4	6	21	2	2	10	2	2	2	4	3	7	5	5	
10 to 19																	
20 to 29																	
30 to 39																	
40 to 49																	
50 to 59																	
60 to 69	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
70 to 79	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
80 and over																	
Totals	4	4	4	6	21	2	2	10	2	2	2	4	3	7	5	5	

TABLE 21.—DEATHS BY OCCUPATIONS 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
Pneumonia												
10 to 19					1							1
20 to 29												
30 to 39												
40 to 49								1				1
50 to 59												
60 to 69												
70 to 79				1								1
80 and over	1											
Totals	1	1		1	4			1	3			3
Diseases of the respiratory system (pneumonia and tuberculosis excepted)												
10 to 19												
20 to 29												
30 to 39												
40 to 49												
50 to 59												
60 to 69												
70 to 79												2
80 and over												
Totals												2
Diseases of the digestive system												
10 to 19												
20 to 29												1
30 to 39												
40 to 49		1										1
50 to 59	1	1										4
60 to 69												
70 to 79	2			1	1							1
80 and over												
Totals	3	3	3	1	6			1	1	1	3	6
Non-specific diseases of the genito-urinary system and amnora												
10 to 19												
20 to 29												
30 to 39												
40 to 49												
50 to 59												
60 to 69	2	4	2		3			1	1	1	1	4
70 to 79		2										1
80 and over					1							
Totals	3	8	2		6			2	2	2	2	6

AGE GROUPS, NEW JERSEY, 1935—Continued

TRADE	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 and over	Totals
Bankers, brokers and moneylenders									
Clerks in stores		1							1
Deliverymen									
Laborers									
Real estate and insurance agents and officials									
Salesmen and saleswomen									
Undertakers									
Wholesale and retail dealers									
Other pursuits									
PUBLIC SERVICES (NOT MISCELLANEOUS)									
Firemen (fire department)									
Laborers (public service)									
Marshals, sheriffs, detectives, etc.									
Officials and inspectors (city, county, state, U.S.)									
Police									
Soldiers, sailors and marines									
Other pursuits									
10 to 19									
20 to 29									
30 to 39									
40 to 49									
50 to 59									
60 to 69									
70 to 79									
80 and over									
Totals	7	5	1	4	7	34	51	8	111
10 to 19									
20 to 29									
30 to 39									
40 to 49									
50 to 59									
60 to 69									
70 to 79									
80 and over									
Totals	2	1	1	2	6	18	1		29
10 to 19									
20 to 29									
30 to 39									
40 to 49									
50 to 59									
60 to 69									
70 to 79									
80 and over									
Totals	6	4	5	19	38	2	77	6	147
10 to 19									
20 to 29									
30 to 39									
40 to 49									
50 to 59									
60 to 69									
70 to 79									
80 and over									
Totals	15	9	1	4	33	42	1	119	215

TABLE 21.—DEATHS BY OCCUPATIONS AND

	Motormen	Officials and superintendents	Switchmen, firemen and yardmen	Ticket and station agents	Other pursuits	Express, Post, Telegraph and Telephone—	Express messengers and railway mail clerks	Ironmen	Mail carriers	Telegraph operators	Telephone operators	Other pursuits
Suicide												
10 to 19												
20 to 29												
30 to 39												
40 to 49	1											
50 to 59												
60 to 69												
70 to 79												
80 and over												
Totals	1											
Violent deaths (outside excepted)												
10 to 19												3
20 to 29			1						4	1		
30 to 39												
40 to 49												
50 to 59												2
60 to 69									1			
70 to 79			1									
80 and over												1
Totals			2				1	5	1			8
All other diseases and causes of death												
10 to 19												4
20 to 29												
30 to 39												
40 to 49	1											1
50 to 59	2											1
60 to 69												1
70 to 79												1
80 and over												1
Totals	3	1	3	1	2			1	1	2		7
Summary												
10 to 19	1											3
20 to 29												1
30 to 39												1
40 to 49	1											1
50 to 59	2											1
60 to 69												1
70 to 79												1
80 and over												1
Totals	31	30	43	12	77		7	6	36	17	14	62

AGE GROUPS, NEW JERSEY, 1935—Continued

TRADE	Bankers, brokers and money lenders	Clerks in stores	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, U.S.)	Policemen	Soldiers, sailors and marines	Other pursuits
10 to 19								1									
20 to 29								5									
30 to 39								14									
40 to 49								9									
50 to 59								1									
60 to 69								1									
70 to 79								1									
80 and over								1									
Totals	2	4	2	1	12	14		32	5			3	1	1	7	5	10
10 to 19								1									
20 to 29								7									
30 to 39								5									
40 to 49								14									
50 to 59								23									
60 to 69								2									
70 to 79								2									
80 and over								4									
Totals	3	9	7	8	16	43		79	12		4	18	6	4	12	6	29
10 to 19								1									
20 to 29								10									
30 to 39								33									
40 to 49								24									
50 to 59								36									
60 to 69								14									
70 to 79								8									
80 and over								2									
Totals	8	3	4	2	25	34	5	107	10		8	5	1	6	11	5	15
10 to 19								9									
20 to 29								14									
30 to 39								32									
40 to 49								24									
50 to 59								36									
60 to 69								14									
70 to 79								8									
80 and over								2									
Totals	121	65	86	52	308	546	23	1263	103		44	93	24	89	145	45	358

TABLE 21.—DEATHS BY OCCUPATIONS AND

		PROFESSIONAL SERVICE														
		Architects	Authors, editors and reporters	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 and other educators	Other professional and semi-professional pursuits		
Suicide	10 to 19															
	20 to 29															
	30 to 39															
	40 to 49															
	50 to 59															
	60 to 69															
	70 to 79															
	80 and over															
	Totals		1	2			1	1	1	3	2	1	1	1	1	15
	Violent deaths (suicide excepted)	10 to 19														1
20 to 29															1	
30 to 39															1	
40 to 49															1	
50 to 59															1	
60 to 69															1	
70 to 79															1	
80 and over															4	
Totals			1	2	6	1	4		2	8	4		1	4	25	
All other diseases and causes of death		10 to 19														2
	20 to 29														4	
	30 to 39														8	
	40 to 49														8	
	50 to 59														8	
	60 to 69														11	
	70 to 79														7	
	80 and over														11	
	Totals		1	2	5	3	7	2	2	6	4	4	6	15	27	
	Summary	10 to 19														3
20 to 29															4	
30 to 39															11	
40 to 49															33	
50 to 59															24	
60 to 69															33	
70 to 79															15	
80 and over															102	
Totals			23	46	46	26	116	31	38	110	74	30	76	193	418	

AGE GROUPS, NEW JERSEY, 1935—Continued

		DOMESTIC AND PERSONAL SERVICE															CLERICAL OCCUPATIONS														
		Barbers, hairdressers and manicurists	Bar tenders	Hotel keepers and managers	Housekeepers and stewards	Janitors and sextons	Lanterners and lamptrussers	Porters (except in stores)	Restaurant, cafe and lunch room keepers	Saleskeepers	Servants	Waiters	Other pursuits	Agents, canvassers and collectors	Bookkeepers, cashiers and accountants	Clerks (except clerks in stores)	Other clerical pursuits	Total													
Suicide	10 to 19																														
	20 to 29																														
	30 to 39																														
	40 to 49																														
	50 to 59																														
	60 to 69																														
	70 to 79																														
	80 and over																														
	Totals		1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	15												
	Violent deaths (suicide excepted)	10 to 19																													
20 to 29																															
30 to 39																															
40 to 49																															
50 to 59																															
60 to 69																															
70 to 79																															
80 and over																															
Totals			1	2	6	1	4		2	8	4		1	4	25																
All other diseases and causes of death		10 to 19																													
	20 to 29																														
	30 to 39																														
	40 to 49																														
	50 to 59																														
	60 to 69																														
	70 to 79																														
	80 and over																														
	Totals		1	2	5	3	7	2	2	6	4	4	6	15	27																
	Summary	10 to 19																													
20 to 29																															
30 to 39																															
40 to 49																															
50 to 59																															
60 to 69																															
70 to 79																															
80 and over																															
Totals			23	46	46	26	116	31	38	110	74	30	76	193	418																

TABULATION OF DEATHS IN ATLANTIC CITY FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS											50 and over	Unknown							
						AGE PERIODS																			
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 18	20 to 29	30 to 39	40 to 49			50 to 59	60 to 69	70 to 79	80 to 89			
1	ALL CAUSES	1020	552	468	299	41	8	3	2	3	57	10	10	27	86	143	224	293	165	76	10				
1	Typhoid and paratyphoid fever	3	2	1																					
2	Typhus fever																								
3	Smallpox																								
4	Measles																								
5	Scarlet fever																								
6	Whooping cough																								
7	Diphtheria																								
8	Influenza	18	10	8	2	2		1	1	8	1	1	1	8	11	31	20	18	5	1					
9	Acute infectious diseases	36	24	12	21			1	1	1	1	1	3	10	16	10	2	1	2	1					
10	Other forms of tuberculosis	9	3	3	3	2		1	1	1	1	1	1	1	1	1	1	1	1	1					
11	Other forms of tuberculosis	17	10	7	13	2		1	1	1	1	1	1	1	1	1	1	1	1	1					
12	Scarlet fever	3	3																						
13	Whooping cough	3	3																						
14	Diphtheria	8	5	3	5	2		1	1	1	1	1	1	1	1	1	1	1	1	1					
15	Acute infectious diseases	18	10	8	2	2		1	1	1	1	1	1	1	1	1	1	1	1	1					
16	Tumors, nonmalignant, or of which the nature is not specified	8	3	5	2																				
17	Diabetes mellitus	25	1	18	5																				
18	Alcoholism (acute or chronic)	6	5	1	3																				
19	Other general diseases and chronic poisonings	12	7	5	7	2		2	2	2	2	1	1	1	1	1	1	1	1	1					
20	Other general diseases and chronic poisonings	10	9	1	5																				
21	Paralysis of the brain, crania and general	37	41	50	31																				
22	Cerebral hemorrhage, cerebral embolism and thrombosis																								
23	Other diseases of the nervous system and of the senses	15	8	7	4																				
24	Dis-eases of the heart	315	182	133	69	1																			
25	Other diseases of the circulatory system	17	11	6	3																				
26	Berkitt's disease																								
27	Other diseases of the respiratory system (tuberculosis excepted)	63	37	26	22	6		4	4	4	10	3	1	1	1	1	1	1	1	1					
28	Other diseases of the respiratory system (tuberculosis excepted)	3	1	2	1																				
29	Diphtheria	4	2	2	1	1																			
30	Whooping cough	11	5	6	3																				
31	Scarlet fever	30	20	10	7	2		1	1	1	1	1	1	1	1	1	1	1	1	1					
32	Other diseases of the digestive system	84	47	37	20																				
33	Other diseases of the digestive system	12	5	7	5	2		1	1	1	1	1	1	1	1	1	1	1	1	1					
34	Other diseases of the genitourinary system	5	3	2	1																				
35	Other diseases of pregnancy, childbirth and the puerperal state	3	1	2	2																				
36	Diseases of the skin and cellular tissue, and of the mucous membrane	23	10	13	10	24																			
37	Other diseases of the skin and cellular tissue, and of the mucous membrane	17	13	4	2																				
38	Congenital debility and malformation	10	7	3	6																				
39	Scalds	46	31	15	12																				
40	Violent and accidental deaths (suicide and homicide excepted)	2	2																						
41	Violent and accidental deaths (suicide and homicide excepted)																								
42	Violent and accidental deaths (suicide and homicide excepted)																								
43	Violent and accidental deaths (suicide and homicide excepted)																								

Estimated population, 70,500.

Total resident deaths, 1,020.

Rate per 1,000 population, 14.4.

TABULATION OF DEATHS IN ENGLEWOOD CITY FOR 1931, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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
	ALL CAUSES	196	100	96	82	0	1	2			12	4	3	12	11	15	37	50	34	10	2	
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza																					
9	Pneumonia	5	8	1	15																	
10	Pneumonia of the respiratory system	2	1	1	1																	
11	Other forms of tuberculosis	2	1	1	1																	
12	Syphilis	4	2	2	2																	
13	Malaria	27	10	17	2																	
14	Other febrile and parasitic diseases																					
15	Cancer and other malignant tumors																					
16	Primary, nonmalignant, or of which the nature is not specified	4	1	3																		
17	Chorea, chorea, and gout																					
18	Diabetes mellitus	2																				
19	Alcoholism (acute or chronic)																					
20	Drug poisonings																					
21	Progressive locomotor ataxia and general paralysis of the insane																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	18	7	11	1																	
23	Other diseases of the nervous system and of the organs of special sense																					
24	Epilepsy	6	2	4	2																	
25	Other diseases of the circulatory system	2																				
26	Bronchitis	14	10	4	5																	
27	Pneumonia	2	1	1	1																	
28	Other diseases of the respiratory system (the above excluded)	2	2																			
29	Diarrhoea and enteritis	2	2																			
30	Appendicitis	1	1																			
31	Diseases of the liver and biliary passages	4	3	1	1																	
32	Other diseases of the digestive system	13	9	4	2																	
33	Nephritis	3	2	1	1																	
34	Other diseases of the genitourinary system																					
35	Puerperal septicemia, septicemia, childbed and the puerperal state																					
36	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion																					
37	Concussion, laceration, fracture, and other wounds	8	4	4	3																	
38	Birth and other diseases of early infancy	6	5	1	1																	
39	Senility																					
40	Stroke																					
41	Violence																					
42	Violent and accidental deaths (suicide and homicide excepted)																					
43	Cause of death not specified or ill-defined	10	5	5	5																	

Estimated population, 10,500.

Total resident deaths, 190.

Rate per 1,000 population, 16.0.

TABULATION OF DEATHS IN HACKENSACK CITY FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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
						22	2	1	1	1	27	8	5	9	22	34	41	55	46	10	4	
1	ALL CAUSES	572	150	122	41	22	2	1	1	1	27	8	5	9	22	34	41	55	46	10	4	
2	Typhoid and paratyphoid fever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	Typhus fever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	Smallpox	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	Scarlet fever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	Stenosis of the aorta	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	Whooping cough	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	Diphtheria	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	Pneumonia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	Phthisis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	Tuberculosis of the respiratory system	10	3	7	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	Other forms of tuberculosis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	Syphilis	6	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	Other infectious and parasitic diseases	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	Cancer and other malignant tumors	43	19	24	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	Tumors, nonmalignant, or of which the nature is uncertain	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	Chronic rheumatism and gout	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	Diabetic mellitus	8	1	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	Alcoholism (acute or chronic)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	Other general diseases of the circulatory system	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	Other general diseases of the respiratory system and general paralysis of the insane	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	Cerebral hemorrhage, cerebral embolism and thrombosis	10	6	13	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

23	Other diseases of the nervous system and of the organs of special sense	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	Diseases of the special sense	6	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	Other diseases of the circulatory system	11	11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	Bronchitis	13	10	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	Pneumonia	13	10	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	Other diseases of the respiratory system (tuberculosis excepted)	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	Diarrhoea and enteritis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	Appendicitis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	Diseases of the urinary passages	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32	Other diseases of the digestive system	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
33	Nephritis	20	9	11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
34	Other diseases of the genitourinary system	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35	Overperal epileptics	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36	Diseases of pregnancy, childbirth and the puerperal state	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38	Causes of death in infancy	13	6	7	3	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
39	Senility	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40	Suicide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
41	Violence	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42	Homicide and accidental deaths (suicide and homicide excepted)	10	7	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
43	Cause of death not specified or ill-defined	23	10	7	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Estimated population, 29,400.

Total resident deaths, 272.

Rate per 1,000 population, 10.3.

TABULATION OF DEATHS IN RUTHERFORD BOROUGH FOR 1986, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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
						4	1	1	1	1	6	2	3	1	8	12	20	47	50	21	3	
1	ALL CAUSES	178	80	92	0	4	1	1	1	1	6	2	3	1	8	12	20	47	50	21	3	
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Diphtheria																					
7	Whooping cough																					
8	Influenza																					
9	Pneumonia																					
10	Phthisis of the respiratory system																					
11	Other forms of tuberculosis																					
12	Syphilis																					
13	Malaria																					
14	Other infectious and parasitic diseases																					
15	Tumors, nonmalignant, or of which the nature is not specified																					
16	Cancer and other malignant tumors																					
17	Chorea, chorea minor and sent																					
18	Diabetes mellitus																					
19	Alcoholism (acute or chronic)																					
20	Other acute toxicologic poisonings																					
21	Paralysis of the brain, spinal cord, and general																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis																					
23	Other diseases of the nervous system and of the organs of special sense																					
24	Diseases of the circulatory system																					
25	Other diseases of the circulatory system																					
26	Bronchitis																					
27	Pneumonia																					
28	Other acute infectious diseases																					
29	Other chronic infectious diseases																					
30	Diarrhea and enteritis																					
31	Appendicitis																					
32	Diseases of the liver and biliary passages																					
33	Diseases of the digestive system																					
34	Neuritis																					
35	Other diseases of the genitourinary system																					
36	Protoplasmic infections, erysipelas, cellulitis and other pyodermitides																					
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion																					
38	Complications of pregnancy, childbirth and the puerperal state																					
39	Stillbirth and other diseases of early infancy																					
40	Senility																					
41	Suicide																					
42	Violence and accidental deaths (suicide and homicide excepted)																					
43	Cause of death not specified or ill-defined																					

Estimated population, 10,400. Total resident deaths, 178. Rate per 1,000 population, 10.8.

TABULATION OF DEATHS IN BURLINGTON COUNTY FOR 1926, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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
						89	5	1	7	3	79	9	74	43	29	111	150	237	263	165	20
1	ALL CAUSES	1128	612	510	89	89	5	1	7	3	79	9	74	43	29	111	150	237	263	165	20
2	Diphtheria and paratyphoid fever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	Scarlet fever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	Measles	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	Scarlet fever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	Whooping cough	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	Whooping cough	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	Influenza	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	Plague	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	Tuberculosis of the respiratory system	14	29	15	6	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	Granuloma of tuberculosis	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	Malaria	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	Other infectious and parasitic diseases	121	59	82	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	Cancer and other malignant tumors	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	Is not specified	25	11	14	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
16	Diabetes mellitus	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17	Chronic rheumatism and gout	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	Diabetes mellitus	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
19	Other general diseases and chronic poisonings	16	4	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	Progressive locomotor ataxia and general paralysis of the insane	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	Emphysema, cerebral embolism and thromboses	81	36	45	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13

23	Other diseases of the nervous system and of the organs of special sense	11	8	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	Diseases of the heart	348	184	154	25	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	Other diseases of the circulatory system	31	18	13	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	Other diseases of the circulatory system	27	15	12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	Pneumonia	67	39	28	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
28	Other diseases of the respiratory system (tuberculosis excepted)	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	Diphtheria and enteritis	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	Apudiciditis	15	11	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	Diseases of the liver and biliary passages	10	4	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32	Other diseases of the digestive system	39	22	17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
33	Other diseases of the genitourinary system	12	8	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34	Other diseases of the genitourinary system	12	8	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35	Puerperal septicemia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36	Other diseases of pregnancy, childbirth and puerperium	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	8	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38	Contagious febrile and miasmatic fevers, typhoid, typhus, diphtheria, and erysipelas	37	22	15	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
39	Scabies	10	8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40	Suicide	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
41	Homicide	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
42	Violence and accidental deaths (suicide and homicide excepted)	90	61	19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
43	Cause of death not specified or ill-defined	90	61	19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Estimated population, 96,800. Total resident deaths, 1,128. Rate per 1,000 population, 11.6.

TABULATION OF DEATHS IN BURLINGTON CITY FOR 1931, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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
						5	2	2	1	1	0	5	5	6	12	17	21	26	13	1		
1	ALL CAUSES	122	65	57	14	5	2	2	1	1	0	5	5	6	12	17	21	26	13	1	1	
1	Typhoid and paratyphoid fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Schistosomiasis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Whooping cough	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Infusoria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Other diseases of the respiratory system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	Other diseases of the circulatory system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Syphilis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Cancer, neoplasm, or of which the nature is not specified	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Alcoholism (acute or chronic)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	Alcoholism (acute or chronic)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	Progressive locomotor ataxia and general paresis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Other diseases of the nervous system and of the organs of special sense	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	Other diseases of the circulatory system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	Other diseases of the circulatory system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	Bronchitis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	Pneumonia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	Other diseases of the respiratory system (in- cluding influenza excepted)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	Diarrhoea and enteritis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	Appendicitis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	Diseases of the liver and biliary passages	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
32	Other diseases of the digestive system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
33	Nephritis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
34	Other diseases of the genitourinary system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
35	Puerperal septicemia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	Other puerperal state, childbirth and other diseases of the genital tract	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Congenital debility and other diseases of early infancy	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Scalds	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Suicide	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Homicide	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Accidental deaths (suicide and homicide excepted)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Cause of death not specified or ill-defined	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Estimated population, 11,500. Total resident deaths, 122. Rate per 1,000 population, 10.7.

TABULATION OF DEATHS IN CAMDEN COUNTY FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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	ALL CAUSES	2839	1485	1354	809	202	11	6	15	3	237	36	76	61	183	262	430	563	618	282	31	1
1	Typhoid and paratyphoid fever	3	2	1																		
2	Dysentery																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Scarlet fever																					
7	Diphtheria																					
8	Influenza	43	21	22	7	4	1	1	1	1	0	3	4	3	9	11	5	1	2			
9	Plague																					
10	Other infectious and parasitic diseases	110	72	47	27	1		1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
11	Other infectious and parasitic diseases	110	72	47	27	1		1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
12	Syphilis	20	13	7	6	2																
13	Malaria	23	14	9	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	Other infectious and parasitic diseases	23	14	9	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	Other infectious and parasitic diseases	23	14	9	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	Tumors, nonmalignant, or of which the nature is not specified	12	5	7	5																	
17	Chronic rheumatism and gout	4	1	3																		
18	Alcoholism (acute or chronic)	7	4	3																		
19	Alcoholism (acute or chronic)	7	4	3																		
20	Other general diseases and chronic poisonings	44	21	23	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	Progressive locomotor ataxia and general	13	9	4	3																	
22	Cerebral hemorrhage, cerebral embolism and thrombosis	195	96	99	14																	
23	Other diseases of the nervous system and of five organs of special sense	31	15	16																		
24	Diseases of the heart	781	422	359	63	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	Diseases of the circulatory system	781	422	359	63	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	Diseases of the circulatory system	781	422	359	63	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	Pyæmia	188	90	98	44	47	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	Other diseases of the respiratory system (in tuberculosis excepted)	221	121	100	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	Other diseases of the respiratory system (in tuberculosis excepted)	221	121	100	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	Angina pectoris	10	8	2																		
31	Diseases of the liver and biliary passages	39	20	19	4																	
32	Other diseases of the digestive system	69	34	35	4																	
33	Other diseases of the digestive system	69	34	35	4																	
34	Other diseases of the genitourinary system	33	15	18	3																	
35	Other diseases of the genitourinary system	33	15	18	3																	
36	Other diseases of pregnancy, childbirth and puerperium	10		10																		
37	Diseases of the skin and cellular tissue and of the bones and organs of locomotion	4	3	1																		
38	Congenital debility and deformations, prematurity, and other diseases of early infancy	111	67	44	110	1																
39	Scalds	37	23	14	2																	
40	Stichæ	37	23	14	2																	
41	Intoxication	5	3	2																		
42	Intoxication	5	3	2																		
43	Cause of death not specified or ill-defined	185	114	71	19																	
44	Cause of death not specified or ill-defined	2	1	1																		

Estimated population, 269,400.

Total resident deaths, 2,839.

Rate per 1,000 population, 10.5.

TABULATION OF DEATHS IN GLOUCESTER CITY FOR 1985, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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	'ALL CAUSES	156	91	65		10	1	1	1	11	3	5	10	10	29	33	33	15	1	
1	Typhoid and paratyphoid fever																			
2	Typhus fever																			
3	Smallpox																			
4	Diphtheria																			
5	Scarlet fever																			
6	Whooping cough																			
7	Diphtheria																			
8	Scarlet fever																			
9	Plague																			
10	Tuberculosis of the respiratory system	7	3	4																
11	Other forms of tuberculosis	1	1																	
12	Malaria	2	2																	
13	Other infectious and parasitic diseases	16	6	10																
14	Cancer and other malignant tumors																			
15	Tumors, nonmalignant, or of which the nature																			
16	Chronic rheumatism and gout	1																		
17	Diabetic mellitus	1																		
18	Alcoholism (acute or chronic)	2	1	1																
19	Alcoholism (acute or chronic) toxic psychosis	2	1	1																
20	Progressive locomotor ataxia and general	1	1																	
21	paralysis of the insane	1	1																	
22	Cerebral hemorrhage, cerebral embolism and	12	8	4																
	thrombosis																			

23	Other diseases of the nervous system and of the organs of special sense	7	1	6																
24	Diseases of the heart	24	16	8																
25	Other diseases of the circulatory system	5	2	3																
26	Pneumonia	3	2	1																
27	Other diseases of the respiratory system (tuberculosis excepted)	1	1																	
28	Ascariasis	1																		
29	Amoebiasis	1																		
30	Diseases of the liver and biliary passages	2	2																	
31	Other diseases of the digestive system	2																		
32	Neuritis	20	10	10																
33	Other diseases of the genitourinary system	3	1	2																
34	Puerperal septicemia	1																		
35	Other diseases of pregnancy, childbirth and the puerperium	1																		
36	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	7	4	3																
37	Congenital debility and malformations (pre-natal birth and other diseases of early infancy excepted)	7	4	3																
38	Scabies	5	3	2																
39	Syphilis	5	3	2																
40	Suicide	7	6	1																
41	Homicide	1	1																	
42	Violent and accidental deaths (suicide and homicide excepted)	7	6	1																
43	Cause of death not specified or ill-defined	1	1																	

Estimated population, 14,200. Total resident deaths, 156. Rate per 1,000 population, 10.9.

TABULATION OF DEATHS IN OPE MAY COUNTY FOR 1931, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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
						18	2	2	1	1	24	1	8	14	22	28	67	89	108	74	8	
1	ALL CAUSES	440	233	210	58	18	2	2	1	1	24	1	8	14	22	28	67	89	108	74	8	
2	Typhoid and paratyphoid fever	2	1	1	1	1																
3	Typhus fever																					
4	Scarlet fever																					
5	Measles																					
6	Whooping cough	2	1	1	1	1																
7	Diphtheria	1	1	1	1	1																
8	Influenza	1	1	1	1	1																
9	Plague																					
10	Tuberculosis of the respiratory system	5	2	3	3	3																
11	Other forms of tuberculosis	3	1	2	1	1																
12	Scabies	1	1	1	1	1																
13	Malaria	61	27	34	6	6																
14	Other infectious and parasitic diseases	2	2	2	2	2																
15	Cancers and other malignant tumors	1	1	1	1	1																
16	Other diseases, not specified, the nature of which is not specified	2	2	2	2	2																
17	Chronic rheumatism and gout	6	1	5	1	1																
18	Alcoholism	6	1	5	1	1																
19	Abuse of medicine or chemicals	6	3	3	3	3																
20	Other general diseases and chronic poisonings	6	3	3	3	3																
21	Progressive locomotor ataxia and general paralysis of the insane	2	2	2	2	2																
22	Cerebral hemorrhage, cerebral embolism and thrombosis	47	28	19	8	8																
23	Other diseases of the nervous system and of the special senses	7	3	4	1	1																
24	Diseases of the heart	131	72	59	11	11																
25	Other diseases of the circulatory system	12	7	5	2	2																
26	Bronchitis	23	9	14	8	8																
27	Pneumonia	2	2	2	2	2																
28	Other diseases of the respiratory system (tuberculosis excepted)	6	2	4	1	1																
29	Diphtheria and enteritis	3	1	2	1	1																
30	Whooping cough	2	1	1	1	1																
31	Diseases of the liver and biliary passages	11	5	6	3	3																
32	Other diseases of the digestive system	11	5	6	3	3																
33	Other diseases of the genitourinary system	5	3	2	1	1																
34	Other diseases of the genitourinary system (gonorrhea excepted)	1	1	1	1	1																
35	Other diseases of pregnancy, childbirth and the puerperal state and cellular tissue	1	1	1	1	1																
36	Diseases of the bones and organs of locomotion	10	4	6	3	3																
37	Congenital debility and malformations, premature birth and other diseases of early infancy	6	3	3	1	1																
38	Senility	3	2	1	1	1																
39	Old age	3	2	1	1	1																
40	Violent and accidental deaths (suicide and homicide excepted)	24	14	10	5	5																
41	Violent and accidental deaths (suicide and homicide excepted)	24	14	10	5	5																
42	Violent and accidental deaths (suicide and homicide excepted)	24	14	10	5	5																
43	Violent and accidental deaths (suicide and homicide excepted)	24	14	10	5	5																
44	Violent and accidental deaths (suicide and homicide excepted)	24	14	10	5	5																
45	Violent and accidental deaths (suicide and homicide excepted)	24	14	10	5	5																

Rate per 1,000 population, 13.7.

Total resident deaths, 443.

Estimated population, 32,200.

TABULATION OF DEATHS IN CUMBERLAND COUNTY FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS											Unknown					
						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
						61	6	1	2	3	73	7	10	31	42	69		131	141	262	123	24
1	ALL CAUSES	913	509	404	70	61	6	1	2	3	73	7	10	31	42	69	131	141	262	123	24	
2	Typhoid and paratyphoid fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Dysentery	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Whooping cough	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	Influenza	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	Other forms of tuberculosis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Syphilis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Other infectious and parasitic diseases	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Cancer and other malignant tumors	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Tumors, non-malignant, or of which the nature is uncertain	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	Other diseases of the circulatory system (including angina pectoris and gout)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Myocardial infarction	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Ischemic heart disease (heart or "vessel")	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	Arteriosclerosis (arteriosclerosis)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other diseases of the circulatory system (including aneurysm, atherosclerosis, and other diseases of the arteries)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	Progressive locomotor ataxia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Paralysis of the larynx	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Cerebral hemorrhage, cerebral embolism and thrombosis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

23	Other diseases of the nervous system and of the organs of special sense	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	Diseases of the heart	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	Other diseases of the circulatory system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	Bronchitis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	Pneumonia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	Other diseases of the respiratory system (tuberculosis excepted)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	Diarrhoea and enteritis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	Other diseases of the digestive system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	Diseases of the liver and biliary passages	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
32	Other diseases of the digestive system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
33	Neuritis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
34	Other diseases of the genitourinary system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
35	Other diseases of the genitourinary system (the puerperal state excepted)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	Diseases of pregnancy, childbirth and the puerperal state	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and of locomotion	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Senility (dementia)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Homicide	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Violent and accidental deaths (suicide and homicide excepted)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	Causes of death not specified or ill-defined	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Causes of death not specified or ill-defined	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Estimated population, 72,200.

Total resident deaths, 913.

Rate per 1,000 population, 12.6.

TABULATION OF DEATHS IN BRIDGETON CITY FOR 1885, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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	
						17	1	1	1	1	1	1	2	7	5	17	34	28	70	38	7		
1	ALL CAUSES	228	123	105	25	17	1	1	1	1	1	1	2	7	5	17	34	28	70	38	7	Unknown	
2	Typhoid and paratyphoid fever	1																					
3	Typhus fever	1																					
4	Scarlet fever	1																					
5	Measles	1																					
6	Whooping cough	4	3	1		4																	
7	Diphtheria	8	2	6	3	4																	
8	Influenza	1																					
9	Scabies	1																					
10	Other forms of tuberculosis	7	5	2		7																	
11	Other forms of tuberculosis	1																					
12	Syphilis	1																					
13	Malaria	1																					
14	Other infectious and specific diseases	330	15	18	1	1																	
15	Cancer, nonmalignant, or of which the nature is not specified	1																					
16	Tumor, nonmalignant, or of which the nature is not specified	1																					
17	Chronic rheumatism and gout	8	6	2		8																	
18	Alcoholism (acute or chronic)	1																					
19	Other general diseases and chronic poisonings	1																					
20	Other general diseases and chronic poisonings	1																					
21	Progressive locomotor ataxia and general	1																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	23	14	9	3	17	1	1	1	1	1	1	2	7	5	17	34	28	70	38	7	Unknown	
23	Other diseases of the nervous system and of the organs of special sense	1																					
24	Diseases of the heart	18	40	32	0	18																	
25	Other diseases of the circulatory system	3	1	2	1	3																	
26	Bronchitis	3	0	3	1	3																	
27	Pneumonia	10	0	4	1	2																	
28	Other diseases of the respiratory system (tuberculosis excepted)	1																					
29	Dysentery and enteritis	1																					
30	Diarrhea	1																					
31	Diseases of the liver and biliary passages	1																					
32	Other diseases of the digestive system	2	5	0		2																	
33	Neuritis, ... of the gastrointestinal system	2	2	1		2																	
34	Other diseases of the respiratory system (tuberculosis excepted)	1																					
35	Other diseases of pregnancy, childbirth and the puerperium	1																					
36	Other diseases of pregnancy, childbirth and the puerperium	1																					
37	Diseases of the eye, ear, nose, throat, and cellular tissue, and of the bones and organs of locomotion	10	8	2	4	10																	
38	Other diseases of the eye, ear, nose, throat, and cellular tissue, and of the bones and organs of locomotion	10	8	2	4	10																	
39	Congenital debility and malformations, premature birth and other diseases of early infancy	6	4	2		6																	
40	Stillbirth	6	4	2		6																	
41	Suffocation	1																					
42	Strangulation	1																					
43	Violent and accidental deaths (suicide and homicide)	5	2	3	1	5																	
44	Cause of death not specified or ill-defined	1																					

Estimated population, 16,000.

Total resident deaths, 228.

Rate per 1,000 population, 14.2.

TABULATION OF DEATHS IN ESSEX COUNTY FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS											70 to 79	80 to 89	90 and over	Unknown			
						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
						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
1	ALL CAUSES	8839	4591	4108	1018	529	60	88	19	25	617	196	211	401	617	1023	1542	1802	1316	678	106	.....
1	Typhoid and paratyphoid fever	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Scarlet fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	Phage	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	491	276	225	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	Tuberculosis of the respiratory system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Tuberculosis of the respiratory system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	40	31	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Other infectious and parasitic diseases	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	Other infectious and parasitic diseases	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	189	72	76	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Other diseases of the nervous system and of the organs of special sense	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Other diseases of the nervous system and of the organs of special sense	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	Disease of the heart	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	Disease of the heart	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	Coronary disease of the heart	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	Pneumonia	567	318	228	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	Pneumonia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	Diarrhea and enteritis	62	40	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	Diarrhea and enteritis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	Disorders of the liver and biliary passages	105	60	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
32	Disorders of the liver and biliary passages	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
33	Disorders of the digestive system	628	369	269	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
34	Disorders of the digestive system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
35	Other diseases of the genitourinary system	125	81	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	Other diseases of the genitourinary system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Other diseases of pregnancy, childbirth, and puerperal conditions	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Disorders of the skin and cellular tissue, and of the bones and organs of locomotion	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Disorders of the skin and cellular tissue, and of the bones and organs of locomotion	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Scalds	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Scalds	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Accidental deaths (suicide and homicide excepted)	475	327	148	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Accidental deaths (suicide and homicide excepted)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	Cause of death not specified or ill-defined	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Estimated population, 883,900.

Total resident deaths, 8,000.

Rate per 1,000 population, 9.8.

TABULATION OF DEATHS IN BELLEVILLE TOWN FOR 1938, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	ALL CAUSES	251	113	118	8	10	1	1	1	1	10	2	5	12	18	20	45	53	43	15	1	
1	Typhoid and paratyphoid fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Scarlet fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Stenose fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	Pneumonia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	Other forms of tuberculosis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Syphilis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Other infectious and parasitic diseases	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases (cancer and other malignant tumors)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Tumors, nonmalignant, or of which the nature is uncertain	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	Cancer and other malignant tumors	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetic mellitus	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	Alcoholism (acute or chronic)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and toxic poisoning	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	Paralysis (cerebral, spinal, and general)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Other diseases of the nervous system and of the cranial and spinal sense	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	Diseases of the heart	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	Other diseases of the circulatory system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	Bronchitis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	Pneumonia (not specified)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	Other diseases of the respiratory system (tuberculosis excepted)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	Dysentery	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	Diarrhea and enteritis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	Diseases of the liver and biliary passages	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
32	Other diseases of the digestive system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
33	Apertosis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
34	Other diseases of the genitourinary system	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
35	Puerperal septicemia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Other diseases of the genital tract, and of the bones and joints	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Scabies	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Syphilis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Ironichia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Cause of death not specified or ill-defined	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
		17	12																			

TABULATION OF DEATHS IN BLOOMFIELD TOWN FOR 1936, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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	3 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	
						23	2	2	1	2	1	29	3	10	9	24	28	66	73	72	20	3	
	ALL CAUSES	315	172	173	13	23	2	2	1	2	1	29	3	10	9	24	28	66	73	72	20	3	
1	Typhoid and paratyphoid fever																						
2	Typhus fever																						
3	Smallpox																						
4	Measles																						
5	Scarlet fever																						
6	Diphtheria																						
7	Whooping cough																						
8	Influenza																						
9	Typhoid and other fevers																						
10	Other forms of tuberculosis	5	4	4	6	1																	
11	Syphilis	3	3																				
12	Malaria	2	2																				
13	Other fevers and parasitic diseases	2	2																				
14	Tumors, nonmalignant, or of which the nature is not specified	54	21	33	1																		
15	Cancer and other malignant tumors	1		1																			
16	Tuberculosis (acute or chronic)	9	2	7																			
17	Alcoholism (acute or chronic)	5	4	1	1	1																	
18	Other general diseases and chronic poisonings	5	4	1	1	1																	
19	Paralysis of the limbs																						
20	Cerebral hemorrhage, cerebral embolism and thrombosis	20	14	12	2																		
21	Other diseases of the nervous system and of the organs of special sense	4	2	2																			
22	Diseases of the heart	94	40	54	4																		
23	Diseases of the circulatory system	21	2	19																			
24	Bronchitis	23	16	7		8																	
25	Pneumonia	1	1																				
26	Other diseases of the respiratory system (inflammation of the larynx, pharynx, trachea, and bronchi)	1	1																				
27	Diphtheria and diphtheritic infection	1	1																				
28	Whooping cough	1	1																				
29	Scarlet fever	1	1																				
30	Measles	1	1																				
31	Smallpox	1	1																				
32	Other diseases of the digestive system	1	1																				
33	Diarrhea and enteritis	1	1																				
34	Dysentery	1	1																				
35	Other diseases of the genitourinary system	1	1																				
36	Other diseases of pregnancy, childbirth and the puerperium	1	1																				
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	2	2																				
38	Concussion, laceration, fracture, dislocation, sprain, strain, and other injuries	16	14	2	1	16																	
39	Scalds and burns	1	1																				
40	Other diseases of infancy	4	4																				
41	Suicide	4	4																				
42	Accidental deaths (suicide and homicide excluded)	10	11	5	1																		
43	Cause of death not specified or ill-defined	10	10																				

Estimated population, 42,500.

Total resident deaths, 345.

Rate per 1,000 population, 8.1.

TABULATION OF DEATHS IN EAST ORANGE CITY FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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	
						26	15	15	2	1	33	9	14	26	41	50	127	105	161	88	18		
1	ALL CAUSES	744	301	383	50	26	15	15	2	1	33	9	14	26	41	50	127	105	161	88	18		
1	Typhoid and paratyphoid fever																						
2	Scarlet fever																						
3	Smallpox																						
4	Measles																						
5	Scarlet fever																						
6	Whooping cough																						
7	Diphtheria																						
8	Influenza																						
9	Plague																						
10	Tuberculosis of the respiratory system	22	15	7	7																		
11	Other forms of tuberculosis	5	1	4	3																		
12	Styphils	1	1																				
13	Malaria	1	1																				
14	Other infectious and parasitic diseases	6	1	4	3																		
15	Cancer and other malignant tumors the nature of which is not specified	94	33	61	1																		
16	Chronic rheumatism and gout	7	1	6	3																		
17	Diphtheria mellitus or chronic	10	5	5	2																		
18	Other general diseases and chronic poisonings	16	6	10																			
19	Progressive locomotor ataxia and general paralysis of the insane	2	2		1																		
20	Cerebral meningitis, cerebellum and spinal cord																						
21	Thrombosis	61	28	33	4																		
22	Other diseases of the nervous system and of the organs of special sense	10	6	4																			
23	Diseases of the heart	255	122	112	13																		
24	Diseases of the circulatory system	14	7	7	2																		
25	Stroke	1	1																				
26	Phthisis	32	20	12	4																		
27	Pneumonia	6	4	2																			
28	Other diseases of the respiratory system (tuberculosis and emphysema)	1	1																				
29	Diarrhea and enteritis	11	5	6	1																		
30	Appendicitis	5	5																				
31	Diseases of the liver and biliary passages	9	5	4																			
32	Diseases of the digestive system	65	30	35	2																		
33	Nephritis	9	5	4	3																		
34	Other diseases of the genitourinary system	1	1																				
35	Puerperal septicemia	2		2																			
36	Other diseases of the perinatal state (prematurity, stillbirth and abortion)	1		1																			
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	1	1																				
38	Complications of pregnancy, childbirth and the puerperium	19	12	7	3																		
39	Stillbirth and the disease of early infancy	11	10	1																			
40	Scalds	3	1	2																			
41	Burns	3	1	2																			
42	Violence and accidents, deaths (suicides and homicides excepted)	39	20	10	2																		
43	Cause of death not specified or ill-defined																						

Estimated population, 72,800.

Total resident deaths, 744.

Rate per 1,000 population, 10.2.

TABULATION OF DEATHS IN IRVINGTON TOWN FOR 1995, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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	2	3	4	42	5	11	16	34	55	87	108	83	45	2			
1	ALL CAUSES	488	200	228	1	34	2	2	2	2	4	42	5	11	16	34	55	87	108	83	45	2	
1	Typhoid and paratyphoid fever																						
2	Scarlet fever																						
3	Smallpox																						
4	Measles																						
5	Scarlet fever																						
6	Whooping cough																						
7	Diphtheria																						
8	Influenza																						
9	Prague plague of the respiratory system	27	15	8																			
10	Other forms of tuberculosis	2	1	1																			
11	Syphilis	2	1	1																			
12	Malaria	0																					
13	Other infectious parasitic diseases	71	22	49		2	1	1	1	4	1	1											
14	Tumors, nonmalignant, or of which the nature is not specified	3	1	2																			
15	Chronic rheumatism and gout	20	6	14																			
16	Alcoholism (acute or chronic)	3	3																				
17	Other general diseases and chronic poisonings	10	5	5		2	1	1	1	1	1	2	1	1	1	2	2	1	2	1	1	1	2
18	Progressive degenerative diseases of the motor axons and general	2	1	1																			
19	Cerebral hemorrhage, cerebral embolism and thrombosis	33	11	22																			
20	Other diseases of the nervous system and of the organs of special sense	9	7	2		1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
21	Diseases of the heart	12	10	2		1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
22	Other diseases of the circulatory system	1	1																				
23	Breast cancer	3	1	2																			
24	Prostate cancer	1	1																				
25	Leukemia	2	1	1																			
26	Lymphomas	2	1	1																			
27	Pneumonia	27	17	6		2	1	1	1	4	1	4	1	1	1	2	3	5	4	5	1	1	1
28	Other diseases of the respiratory system (tu-berculosis excepted)	9	7	2																			
29	Tuberculosis excepted	3	2	1																			
30	Amoebiasis	3	3																				
31	Diseases of the liver and biliary passages	7	3	4																			
32	Other diseases of the digestive system	1	1																				
33	Other diseases of the genitourinary system	40	17	23		2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
34	Puerperal septicemia	0	0	0																			
35	Other diseases of pregnancy, childbirth and puerperium	1	1																				
36	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	2	1	1																			
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	2	1	1																			
38	Congenital debility and malformations, prena-tal, perinatal and other diseases of early infancy	23	11	9		23					23												
39	Stillbirth	0	0	0																			
40	Suicide	0	0	0																			
41	Intoxication	2	1	1																			
42	Violent and accidental deaths (suicide and homicide excluded)	28	26	2		1	1	1	1	1	1	1	2	2	3	5	5	2	5	2	1	1	1
43	Cause of death not specified or ill-defined																						

Estimated population, 65,400.

Total resident deaths, 488.

Rate per 1,000 population, 7.4.

TABULATION OF DEATHS IN MONTCLAIR TOWN FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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	ALL CAUSES	424	185	239	98	17	6	1	1	24	4	11	17	18	38	73	87	86	54	12		
2	Typhoid and paratyphoid fever																					
3	Typhus fever																					
4	Measles																					
5	Scarlet fever	1		1																		
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	1		1																		
9	Pneumonia	12	1	11	5	6																
10	Other forms of the respiratory system	1		1																		
11	Other forms of tuberculosis	2	1	1																		
12	Syphilis																					
13	Malaria																					
14	Other infectious and parasitic diseases	2	1	1																		
15	Tumors and benign growths of the nature of cancer	96	23	73	8	15																
16	Tumors, nonmalignant, of which the nature is not specified	3		3																		
17	Chronic rheumatism and gout																					
18	Alcoholism	13	5	8	2																	
19	Alcoholism, acute or chronic	1		1																		
20	Other general diseases and chronic poisonings	8	3	5	2																	
21	Progressive locomotor ataxia and general paralysis of the insane	1		1																		
22	Other diseases of the insane	1		1																		
23	Cerebral hemorrhage, cerebral embolism and thrombosis	35	10	25	7																	

23 Other diseases of the nervous system and of special sense

24 Diseases of the heart

25 Other diseases of the circulatory system

26 Bronchitis

27 Pneumonia

28 Other diseases of the respiratory system (tuberculosis excepted)

29 Diphtheria and enteritis

30 Appendicitis, the liver and biliary passages

31 Other diseases of the digestive system

32 Nephritis

33 Other diseases of the genitourinary system

34 Other diseases of pregnancy, childbirth and the puerperal state

37 Diseases of the skin and cellular tissue, and of the bones and articulations

38 Congenital malformations

39 Suicide

40 Homicide

41 Violent and accidental deaths (suicide and homicide excepted)

42 Cause of death not specified or ill-defined

9	6	3	3	1																	
12	53	70	26																		
11	3	9	1																		
4	3	1																			
28	19	9	1																		
27	1	1																			
29	2	2	1																		
30	9	5	1																		
31	11	8	2																		
32	20	13	17	8																	
33	10	3	7	6																	
34																					
37	2	2																			
38	11	4	7	3	11																
39	4	1	1																		
40	4	1	2																		
41	16	10	6	3	1	1	2														

Estimated population, 45,000.

Total resident deaths, 424.

Rate per 1,000 population, 9.5.

TABULATION OF DEATHS IN NEWARK CITY FOR 1935 ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year																
						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	ALL CAUSES	4572	2076	2292	723	844	45	28	9	15	441	56	122	361	517	674	877	939	736	287	43	
1	Typhoid and paratyphoid fever	11	5	6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	Scarlet fever	21	11	10	9	12	5	8	1	21	1	1	1	1	1	1	1	1	1	1	1	1
3	Diphtheria	28	10	13	8	1	2	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1
4	Plague	176	150	122	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	Other forms of tuberculosis	82	40	22	42	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	Malaria	23	17	6	3	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	Chronic infectious and parasitic diseases	532	318	256	41	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	Other diseases of the circulatory system	325	209	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	Is not specified	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Chronic rheumatism and gout	139	81	60	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	Alcoholism (acute or chronic)	78	39	42	7	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	Other general diseases and chronic poisonings	30	22	8	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	Progressive locomotor ataxia and general paresis of the insane	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Cerebral hemorrhage, cerebral embolism and thrombosis	289	132	107	34	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
23	Other diseases of the nervous system and of the organs of special sense	69	41	28	11	6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	Epilepsy	778	579	195	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	Other diseases of the circulatory system	137	62	75	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	Bronchitis	348	203	145	79	58	12	10	2	1	83	9	5	11	29	45	67	37	29	8	2	2
27	Pneumonia	49	27	17	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	Other diseases of the respiratory system (tuberculosis and enteritis)	36	22	14	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	Appendicitis	181	93	88	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	Diseases of the liver and biliary passages	181	93	88	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	Other diseases of the digestive system	241	126	115	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32	Nephritis	108	54	54	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
33	Other diseases of the genitourinary system	108	54	54	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34	Puerperal septicemia	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	Other diseases of the peritoneum and of the peritoneal cavity	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Diseases of the skin and cuticular tissue, and of the bones and organs of locomotion	14	7	7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
37	Other diseases of the skin and cuticular tissue, and of the bones and organs of locomotion	204	111	90	35	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38	Scalds and burns	23	11	12	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
39	Stomach	29	14	15	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40	Stomach	29	14	15	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
41	Stomach	29	14	15	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42	Stomach	29	14	15	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
43	Stomach	29	14	15	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
44	Stomach	29	14	15	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
45	Stomach	29	14	15	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Estimated population, 450,000.

Total resident deaths, 4,872.

Rate per 1,000 population, 10.8.

TABULATION OF DEATHS IN NUTLEY TOWN FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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	ALL CAUSES	169	92	77	4	8	1					4	2	1	1	6	10	11	11	22	37	37	22	17	1		
2	Typhoid and paratyphoid fever																										
3	Typhus fever																										
4	Shingles																										
5	Scarlet fever																										
6	Whooping cough																										
7	Diphtheria																										
8	Influenza																										
9	Measles																										
10	Tuberculosis of the respiratory system																										
11	Other forms of tuberculosis																										
12	Syphilis																										
13	Other infectious and parasitic diseases																										
14	Cancer and other malignant tumors																										
15	Tumors, nonmalignant, or of which the nature is not specified																										
16	Diabetes mellitus																										
17	Alcoholism (acute or chronic)																										
18	Other general diseases and chronic poisonings																										
19	Paralysis of the larynx																										
20	Cerebral hemorrhage, cerebral embolism and thrombosis																										

23	Other diseases of the nervous system and of the organs of special sense																										
24	Diseases of the heart	21	2	23																							
25	Other diseases of the circulatory system	51	25	3																							
26	Pneumonia	6	3																								
27	Other diseases of the respiratory system (tuberculosis excepted)	11	6	8																							
28	Dysentery and enteritis																										
29	Appendicitis																										
30	Diseases of the liver and biliary passages																										
31	Other diseases of the digestive system																										
32	Other diseases of the genitourinary system																										
33	Puerperal septicemia																										
34	Other diseases of pregnancy, childbirth and puerperium																										
35	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion																										
36	Congenital debility and malformations, prematurity, and other conditions of early infancy																										
37	Scrub typhus																										
38	Scald	21	1	1																							
39	Suicide	2	1	1																							
40	Homicide	2	1	1																							
41	Accidental deaths (suicide and homicide excepted)																										
42	Cause of death not specified or ill-defined	15	8	7																							
43	Cause of death not specified or ill-defined																										

Estimated population, 23,600. Total resident deaths, 109. Rate per 1,000 population, 7.1.

TABULATION OF DEATHS IN ORANGE CITY FOR 1938, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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
						4	27	4	1	32	1	32	1	39	31	27	31	39	62	80	94	22	5
1	All causes	424	223	201	95	27	4	1	32	1	39	31	27	31	39	62	80	94	22	5		
1	Typhoid and paratyphoid fever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2	Typhus fever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
3	Scarlet fever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
4	Measles	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
5	Diphtheria	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
6	Whooping cough	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
7	Diphtheria	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
8	Influenza	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
9	Pneumonia	22	14	8	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
10	Tuberculosis of the respiratory system	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
11	Other forms of tuberculosis	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
12	Syphilis	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
13	Other infections and parasitic diseases	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
14	Other infections and parasitic diseases	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
15	Cancer and other malignant tumors	48	23	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
16	Cancer, nonmalignant, or of which the nature is not specified	5	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
17	Cancer, nonmalignant, and of which the nature is not specified	5	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
18	Diabetes mellitus	16	5	11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
19	Alcoholism (acute or chronic)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
20	Other general causes	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
21	Paralysis of the brain, spinal, and general	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
22	Cerebral hemorrhage, cerebral embolism and thrombosis	27	11	16	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	

23	Other diseases of the nervous system and of the sense organs	10	5	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	Diseases of the heart	124	63	61	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
25	Other diseases of the circulatory system	8	3	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	Bronchitis	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	Pneumonia	29	19	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
28	(Inflammation of the respiratory system (in bronchitis excepted))	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	Dyspnoea and emphysema	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	Appendicitis	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	Other diseases of the liver and biliary passages	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32	Other diseases of the digestive system	6	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
33	Nephritis	28	16	12	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
34	Other diseases of the genitourinary system	9	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
35	Puerperal septicemia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36	Other diseases of the puerperal state	5	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38	Causes of death occurring during pregnancy, labor, birth and other diseases of early infancy	22	11	11	9	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
39	Severely ill	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40	Suicide	5	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
41	Accidental deaths (homicide and homicide excepted)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Causes of death not specified or ill-defined	17	11	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
43	Causes of death not specified or ill-defined	17	11	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

Estimated population, 35,000.

Total resident deaths, 424.

Rate per 1,000 population, 11.8.

TABULATION OF DEATHS IN WEST ORANGE TOWN FOR 1934, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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		
						8	1	2	1	1	12	4	0	8	15	10	40	00	41	23	2			
1	ALL CAUSES	246	127	119	1	8	1	2	1	1	12	4	0	8	15	10	40	00	41	23	2			
2	Typhoid and paratyphoid fever	1																						
3	Typhus fever																							
4	Smallpox																							
5	Measles																							
6	Measles, toxic																							
7	Whooping cough	1																						
8	Diphtheria																							
9	Influenza																							
10	Other forms of the respiratory system	12	0	2																				
11	Other forms of tuberculosis	2																						
12	Syphilis	2																						
13	Other infectious and parasitic diseases	36	17	19	1																			
14	Cancer and other malignant tumors																							
15	Brain, meninges, and other parts of the nervous system																							
16	Heart, pericardium, and other parts of the circulatory system																							
17	Diabetes mellitus	0	5	4																				
18	Alcoholism (acute or chronic)	3	2	1																				
19	Other general conditions	2																						
20	Paralysis (motor, sensory, and general)	2																						
21	Paralysis of the larynx, pharynx, and esophagus	2																						
22	Cerebral hemorrhage, cerebral embolism and thrombosis	17	9	8																				
23	Other diseases of the nervous system and of the organs of special sense	6	3	3																				
24	Diseases of the circulatory system	37	35	4																				
25	Other diseases of the circulatory system	1	1																					
26	Bronchitis	12	7	5																				
27	Pneumonia	2	2																					
28	Other diseases of the respiratory system (tuberculosis excepted)	1	1																					
29	Diphtheria and enteritis	1	1																					
30	Amoebiasis	5	2	3																				
31	Parasitic diseases of the liver and biliary passages	2	2																					
32	Other diseases of the digestive system	23	9	10																				
33	Nephritis	2	2																					
34	Other diseases of the genitourinary system																							
35	Other diseases of pregnancy, childbirth and the puerperal state																							
36	Diseases of the skin and cellular tissue, and of the sense organs and eye	3	3																					
37	Other diseases of the circulatory system (tuberculosis excepted)	5	4	1																				
38	Other diseases of the respiratory system (tuberculosis excepted)	1	1																					
39	Senility	5	4	1																				
40	Senility	1	1																					
41	Violent and accidental deaths (suicide and homicide excepted)	13	10	3																				
42	Violent and accidental deaths (suicide and homicide excepted)																							
43	Cause of death not specified or ill-defined																							

Estimated population, 23,700.

Total resident deaths, 245.

Rate per 1,000 population, 9.1.

TABULATION OF DEATHS IN HUDSON COUNTY FOR 1961, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS											70 to 79	80 to 89	90 and over	Unknown	
						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
	ALL CAUSES	6759	3652	3087	239	402	45	29	23	25	25	105	100	282	464	860	1180	1235	1172	378	43
1	Typhoid and paratyphoid fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	27	12	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Diphtheria	17	10	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Influenza	53	20	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Whooping cough	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	Tracheitis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Pneumonia of the respiratory system	341	197	144	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	Other forms of tuberculosis	25	13	12	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Malaria	33	27	6	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Other febrile and parasitic diseases	41	22	19	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Cancer and other malignant tumors	814	415	399	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Tumors, nonmalignant, or of which the nature is not specified	38	16	22	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	Chorea	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Alcoholism and gout	205	62	143	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	Alcoholism (acute or chronic)	15	10	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	120	66	64	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	Progressive thrombotic stasis and general	82	22	10	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	480	228	252	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

23	Other diseases of the nervous system and of the organs of special sense	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	Diseases of the eye	98	51	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	Diseases of the circulatory system	90	41	49	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	Bronchitis	110	52	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	Pneumonia	12	7	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	Other diseases of the respiratory system (tuberculosis and enteritis)	470	261	215	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	Diarrhoea and enteritis	39	20	13	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	Appendicitis	38	18	20	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	Diseases of the liver and biliary passages	169	58	111	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
32	Diseases of the digestive system	163	100	63	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
33	Nephritis	386	183	193	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
34	Other diseases of the genitourinary system	390	150	240	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
35	Puerperal septicaemia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	Other diseases of the puerperal state (toxemia, eclampsia, chills, chills and the puerperal state)	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	21	11	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Contraception and other diseases of early infancy	269	161	108	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Stomach	29	12	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Stomach	29	12	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	348	242	101	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Cause of death not specified or ill-defined	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Estimated population, 707,800. Total resident deaths, 6,739. Rate per 1,000 population, 9.5.

TABULATION OF DEATHS IN BAYONNE CITY FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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
						41	10	8	5	64	7	30	31	89	124	120	185	79	21	1		
1	ALL CAUSES	702	375	327	20	41	10	8	5	64	7	30	31	89	124	120	185	79	21	1		
2	Typhoid and paratyphoid fever																					
3	Typhus fever																					
4	Smallpox																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza																					
9	Measles																					
10	Tuberculosis of the respiratory system	56	17	10	4	21	1	1	1	1	1	1	1	2	1	3	1	1	1			
11	Other forms of tuberculosis	1	1	1																		
12	Syphilis	7	3	4	1	1																
13	Other infectious and parasitic diseases	85	62	33	1	1																
14	Cancer and other malignant tumors	9	3	6	1	1																
15	Tumors, nonmalignant, or of which the nature	14	4	10	1	1																
16	Gonorrhea	12	6	6	1	1																
17	Gonococcal meningitis and gonor-	2	2	1	1	1																
18	Chorea																					
19	Diabetes mellitus																					
20	Alcoholism (acute or chronic)																					
21	Alcoholism (habitual) and general																					
22	Progressive locomotor ataxia and general paralysis of the insano																					
23	Cerebral hemorrhage, cerebral embolism and thrombosis	55	25	30	2	1																
24	Other diseases of the nervous system and of the organs of special sense	12	4	8	1	2																
25	Diseases of the heart	215	113	102	2	2																
26	Other diseases of the circulatory system	7	3	4																		
27	Pneumonia	57	32	25	2	10	5	2	1	18	1	1	4	5	4	1	14	1	1			
28	Other diseases of the respiratory system (tuberculosis excepted)	3	2	1		1																
29	Diphtheria and diphtheritic	8	4	4		1																
30	Diphtheria	14	9	5		1																
31	Diseases of the liver and biliary passages	17	10	7		2																
32	Other diseases of the digestive system	34	17	17		2																
33	Nephritis acute of the accessory system	5	2	3		1																
34	Nephritis chronic of the accessory system	3	1	2		1																
35	Puerperal septicemia	3		3		1																
36	Other diseases of pregnancy, childbirth and the puerperal state and certain diseases of the bones and organs of locomotion	1		1		1																
37	Other diseases of pregnancy, childbirth and the puerperal state and certain diseases of the bones and organs of locomotion	22	13	9		22																
38	Congenital debility and malformations, premature birth and other diseases of early infancy	1		1		1																
39	Debility	6	3	3		3																
40	Suicide	1	1			1																
41	Homicide	41	1	40		40																
42	Violent and accidental deaths (suicide and homicide excepted)	40	34	12	3	3																
43	Causes of death not specified or ill-defined																					

Estimated population, 92,900.

Total resident deaths, 702.

Rate per 1,000 population, 7.6.

TABULATION OF DEATHS IN HARRISON TOWN FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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	ALL CAUSES	141	79	62	52	11	52	1	1	1	15	4	7	6	10	20	21	31	23	3	1	1	
1	Epidemic and paratyphoid fever																						
2	Typhoid fever																						
3	Shigellosis																						
4	Measles																						
5	Whooping cough																						
6	Diphtheria																						
8	Influenza																						
9	Pharyngitis																						
10	Other forms of the respiratory system																						
11	Other forms of tuberculosis																						
12	Syphilis																						
13	Malaria																						
14	Other infectious and parasitic diseases																						
15	Other infectious diseases																						
16	Tumors, nonmalignant, or of which the nature is not specified																						
17	Chronic rheumatism and gout																						
18	Alcoholism (acute or chronic)																						
19	Alcoholism (acute or chronic)																						
20	Other general diseases and chronic poisonings																						
21	Progressive locomotor ataxia and general paresis																						
22	Cerebral hemorrhage, cerebral embolism and thrombosis																						

23	Other diseases of the nervous system and of the organs of special sense																						
24	Diseases of the heart	4	1	3																			
25	Other diseases of the circulatory system	45	25	20																			
26	Ischemic heart disease																						
27	Thrombosis																						
28	Other diseases of the respiratory system (tuberculosis excepted)																						
29	Diarrhea and enteritis																						
30	Dysentery																						
31	Diseases of the liver and biliary passages																						
32	Other diseases of the digestive system																						
33	Nephritis																						
34	Other diseases of the genitourinary system																						
35	Urteral ectocystitis																						
36	Other diseases of pregnancy, childbirth and the puerperal state and certain toxic and infectious diseases																						
37	Diseases of the endocrine system and congenital deformities and malformations																						
38	Congenital deformity and malformations, premature birth and other diseases of early infancy																						
39	Other diseases of infancy																						
40	Subdeltoid																						
41	Fracture																						
42	Violent and accidental deaths (suicide and homicide)																						
43	Causes of death not specified or ill-defined	12	8	4																			

Baptized population, 15,601. Total resident deaths, 141. Rate per 1,000 population, 9.0.

TABULATION OF DEATHS IN JERSEY CITY FOR 1936, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS											90 and over	Unknown				
						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
1	ALL CAUSES	3470	1834	1616	2084	198	34	20	10	11	270	53	95	153	248	413	501	785	605	205	23	
2	Typhoid and paratyphoid fever	2																				
3	Typhus fever	2																				
4	Scarlet fever	1																				
5	Secretory fever	1																				
6	Whooping cough	2																				
7	Diphtheria	11	10	1	3	1	1	1	1	3	0	4	3	1	1	4	6	3	2			
8	Measles	27	16	11	1	1	1	1	1	0	4	5	1	1	1	4	6	3	2			
9	Rubella	1																				
10	Tuberculosis of the respiratory system	191	112	79	25	2	2	10	37	46	41	30	37	46	41	30	15	5	2	4		
11	Other forms of tuberculosis	31	0	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
12	Syphilis	21	20	4	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
13	Malaria	22	16	12	4	1	1	1	1	1	4	1	2	5	2	1	3	1	1	1	1	
14	Other infectious and parasitic diseases	359	188	211	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
15	Cancer and other malignant tumors	157	32	32	6																	
16	Is not specified, or of which the nature is uncertain	17																				
17	Chronic rheumatism and gout	34	31	2	2																	
18	Diseases of the heart	110	71	83	2																	
19	Diseases of the arteries and veins	31	11	22	2																	
20	Other forms of heart disease	50	20	32	0	1	1	2	2	0	3	8	1	0	4	2	2	2	3			
21	Progressive locomotor ataxia and general paralysis of the insane	19	12	7	2																	
22	Cerebral hemorrhage, cerebral embolism and thrombosis	209	124	136	18																	

23	Other diseases of the nervous system and of the sense organs	44	23	21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
24	Diseases of the heart	1035	553	483	44																	
25	Other diseases of the circulatory system	74	39	35	2																	
26	Bronchitis	6	5	1	1																	
27	Pneumonia	233	141	118	36	43	18	4	6	1	60	13	10	13	20	20	36	33	32	12	1	
28	Other diseases of the respiratory system (tuberculosis excepted)	21	15	6	3	1	3	1	4	1	4	2	2	1	1	2	7	4	2	2		
29	Diphtheria and enteritis	19	7	12	3	11	1	1	2	1	13	5	4	4	3	4	3	4	3	4		
30	Diseases of the larynx and pharynx	4	4	2	2																	
31	Diseases of the liver and biliary passages	20	9	28	1																	
32	Other diseases of the digestive system	81	50	31	3	1	1	1	2	5	4	2	3	11	17	21	12	5	1	1	1	
33	Nephritis	177	88	89	7																	
34	Other diseases of the genitourinary system	35	34	19	2																	
35	Other diseases of pregnancy, childbirth and the puerperal state	10		10	1																	
36	Diseases of the skin and cellular tissues, and diseases of the eye	15	8	7	1																	
37	Diseases of the ear, nose, and throat	1																				
38	Congenital debility and malformations, premature birth and other diseases of early infancy	128	78	50	8	120	2	128														
39	Scalds	42	31	5	2																	
40	Violent and accidental deaths	15	11	4	1																	
41	Homicide	1																				
42	Violent and accidental deaths (enclids and homicide excepted)	170	119	51	6	1	4	1	4	10	7	9	10	20	26	28	28	28	14	8	1	
43	Cause of death not specified or ill-defined	1																				

Estimated population, 221,800.

Total resident deaths, 3,450.

Rate per 1,000 population, 10.7.

TABULATION OF DEATHS IN KEARNY TOWN FOR 1926, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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	ALL CAUSES	339	187	152	1	20	4	5	1	1	3	31	4	9	11	20	43	63	00	00	10	4	
2	Typhoid and paratyphoid fever																						
3	Typhus fever																						
4	Scarlet fever																						
5	Diphtheria																						
6	Whooping cough																						
7	Diphtheria																						
8	Influenza																						
9	Measles																						
10	Tuberculosis of the respiratory system																						
11	Other forms of tuberculosis																						
12	Syphilis																						
13	Other infectious and parasitic diseases																						
14	Other diseases of the circulatory system																						
15	Cancer and other malignant tumors																						
16	Tumors, nonmalignant, or of which the nature is not specified																						
17	Diabetes mellitus																						
18	Diabetes mellitus and gout																						
19	Alcoholism (acute or chronic)																						
20	Other general diseases and chronic poisonings																						
21	Paralysis of the brain, spinal cord, and general																						
22	Cerebral hemorrhage, cerebral embolism and thrombosis																						

23	Other diseases of the nervous system and of the organs of special sense																						
24	Diseases of the heart																						
25	Other diseases of the circulatory system																						
26	Pneumonia																						
27	Other diseases of the respiratory system (tuberculosis excepted)																						
28	Other diseases of the respiratory system (tuberculosis excepted)																						
29	Alimentation																						
30	Other diseases of the digestive system																						
31	Other diseases of the digestive system																						
32	Other diseases of the circulatory system																						
33	Other diseases of the circulatory system																						
34	Other diseases of the circulatory system																						
35	Other diseases of pregnancy, childbirth and of the puerperal state																						
36	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion																						
37	Other diseases of the skin and cellular tissue, and of the bones and organs of locomotion																						
38	Congenital debility and malformations, prematurity, stillbirth and other diseases of early infancy																						
39	Senility																						
40	Suicide																						
41	Homicide																						
42	Accidental deaths (suicide and homicide excepted)																						
43	Cause of death not specified or ill-defined																						

Estimated population, 44,600. Total resident deaths, 339. Rate per 1,000 population, 7.6.

TABULATION OF DEATHS IN UNION CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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	ALL CAUSES	505	323	247		35	2	1	2	1	41	1	15	16	31	61	98	139	111	41	2	
2	Typhoid and paratyphoid fever																					
3	Typhus fever																					
4	Smallpox																					
5	Measles	1		1																		
6	Diphtheria	1	1																			
7	Whooping cough	2		2																		
8	Influenza	2		2																		
9	Scarlet fever	1		1																		
10	Tuberculosis of the respiratory system	31	21	10								2	8	1	8	1	8	1	5	1	1	
11	Other forms of tuberculosis	1		1																		
12	Syphilis	1		1																		
13	Other infectious and parasitic diseases	2		2																		
14	Cholera	84	56	24									1	2	10	27	28	13	3			
15	Cancer and other malignant tumors	4		4																		
16	Injury, not malignant, or of which the nature is not specified	4		4																		
17	Alcoholism (acute or chronic)	11	6	8																		
18	Diabetes mellitus	18	13	5																		
19	Other general diseases and chronic poisonings	18	13	5																		
20	Other general diseases and chronic poisonings, not specified	3		3																		
21	Paralysis of the larynx	3		3																		
22	Cerebral hemorrhage, cerebral embolism and thrombosis	41	29	27													2	7	15	17	6	
23	Other diseases of the nervous system and of the organs of special sense	7	5	2																		
24	Diseases of the heart	102	65	50																		
25	Diseases of the respiratory system	1		1																		
26	Bronchitis	1		1																		
27	Pneumonia	30	14	16																		
28	Other diseases of the respiratory system (tuberculosis and emphysema)	3	2	1																		
29	Thrombosis and embolism	9	7	2																		
30	Appendicitis	10	7	3																		
31	Diseases of the liver and biliary passages	8	7	3																		
32	Other diseases of the digestive system	12	10	7																		
33	Nephritis	43	29	27																		
34	Other diseases of the genitourinary system	1		1																		
35	Puerperal septicemia	1		1																		
36	Other diseases of pregnancy, childbirth and of the puerperium	1		1																		
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	1		1																		
38	Congenital debility and malformations, prematurity	1		1																		
39	Senility	27	15	12																		
40	Senility and other diseases of early infancy	7	7	2																		
41	Homicide	2		2																		
42	Accidental deaths (suicide and homicidal deaths)	18	11	7																		
43	Cause of death not specified or ill-defined	1		1																		

Estimated population, 38,659.

Total resident deaths, 505.

Rate per 1,000 population, 9.4.

TABULATION OF DEATHS IN WEST NEW YORK FOR 1934, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS											Unknown						
						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	
1	ALL CAUSES	206	108	123		27	32	11	1	1	1	5	8	8	13	22	41	55	40	54	104	2	
2	Typhoid and paratyphoid fever																						
3	Typhus fever																						
4	Scarlet fever	1	1	1																			
5	Whooping cough	1	1	1																			
6	Diphtheria	1	1	1																			
7	Polio	1	1	1																			
8	Plague																						
9	Tuberculosis of the respiratory system	16	12	4																			
10	Other forms of tuberculosis	1	1	1																			
11	Cholera	1	1	1																			
12	Other infectious and parasitic diseases	3	1	2																			
13	Malaria	44	20	13																			
14	Cancer and other malignancies of which the nature is not specified	2		2																			
15	Diabetes mellitus	11	2	9																			
16	Other general diseases and chronic poisonings	4		4																			
17	Progressive locomotor ataxia and general paralysis of the insane																						
18	Other diseases of the circulatory system																						
19	Coronary atherosclerosis, myocardial infarction and thrombosis	20	15	11																			

23	Other diseases of the nervous system and of the organs of special sense	5	3	2																			
24	Diseases of the heart	69	38	30																			
25	Other diseases of the circulatory system	3																					
26	Stroke	3																					
27	Pneumonia	20	11	9		3	1																
28	Other diseases of the respiratory system (infectious)	2	1	1																			
29	Berquianus exceptio	1	1	1																			
30	Amputicid	5	1	4																			
31	Diseases of the liver and biliary passages	6	4	2																			
32	Other diseases of the digestive system	1		1																			
33	Stomach cancer	19	9	10																			
34	Other diseases of the genitourinary system																						
35	Puerperal septicemia																						
36	Other diseases of pregnancy, childbirth and the puerperium																						
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	1	1	1																			
38	Congenital debility and malformations, prenatal and postnatal	23	17	6		23																	
39	Scabies	4	3	1																			
40	Suicide	4	3	1																			
41	Homicide	2	1	1																			
42	Violent accidental deaths (suicide and homicide excluded)	13	6	7																			
43	Cause of death not specified or ill-defined																						

Estimated population, 80,100. Total resident deaths, 290. Rate per 1,000 population, 7.5.

TABULATION OF DEATHS IN TRENTON CITY FOR 1936, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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	
						94	6	5	5	5	112	17	37	60	80	140	220	319	549	321	28		
1	ALL CAUSES	1303	744	610	101	94	6	5	5	5	112	17	37	60	80	140	220	319	549	321	28	Unknown	
2	Typhoid and paratyphoid fever																						
3	Typhus fever																						
4	Scarlet fever																						
5	Measles																						
6	Whooping cough																						
7	Diphtheria																						
8	Influenza																						
9	Scarlet fever																						
10	Tuberculosis of the respiratory system	81	59	22	20	1	1	1	1	1	2	5	18	10	18	11	12	0					
11	Other forms of tuberculosis	13	10	3	2	1	1	1	1	1	2	3	2	3	2	3	2						
12	Other forms of tuberculosis	7	2	5	4	1	1	1	1	1	1	1	1	1	1	2	2						
13	Malaria																						
14	Other febrile and parasitic diseases																						
15	Tumors, nonmalignant, or of which the nature is not specified	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Tumors, nonmalignant, or of which the nature is not specified	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Diabetes mellitus	40	13	27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	Diabetes mellitus	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Alcoholism (acute or chronic)	25	9	16	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	Other general diseases and chronic poisonings	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Other general diseases and chronic poisonings	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Cerebral hemorrhage, cerebral embolism and thrombosis	97	41	56	5	5	1	1	1	1	1	1	1	1	1	0	16	29	28	15	1	1	1
23	Other diseases of the nervous system and of the heart	12	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	Diseases of the heart	402	205	196	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	Other diseases of the circulatory system	36	23	13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	Bronchitis	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Other diseases of the respiratory system (infectious)	104	51	49	19	22	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	Other diseases of the respiratory system (infectious excepted)	9	6	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	Diarrhoea and enteritis	19	17	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	Alcoholism of the liver and biliary passages	18	15	3	0	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	Other diseases of the digestive system	33	23	10	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32	Other diseases of the digestive system	101	60	41	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
33	Nephritis	18	8	10	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34	Other diseases of the genitourinary system	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	Other diseases of the genitourinary system	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Other diseases of pregnancy, childbirth and the puerperal state	9	9	0	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	Other diseases of the skin and cellular tissue, and of the bones and organs of locomotion	59	37	22	9	59	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
39	Stillbirth	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40	Stillbirth	17	16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
41	Stillbirth	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42	Violence and accidental deaths (suicide and homicide excepted)	73	52	21	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
43	Violence and accidental deaths (suicide and homicide excepted)	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Cause of death not specified or ill-defined	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Estimated population, 124,400.

Total resident deaths, 1,303.

Rate per 1,000 population, 11.1.

TABULATION OF DEATHS IN MIDDLESEX COUNTY FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, If other than white	AGE PERIODS											30 and over	Unknown							
						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		
						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		
1	ALL CAUSES	2067	1143	862	91	140	22	12	3	9	189	22	61	96	125	201	365	401	318	142	27				
1	Typhoid and paratyphoid fever	1		1																					
2	Typhus fever																								
3	Smallpox																								
4	Scarlet fever	2	1	1																					
5	Whooping cough	2	2																						
6	Diphtheria	10	7	3																					
7	Scarlet fever	10	7	3																					
8	Whooping cough	10	7	3																					
9	Diphtheria	10	7	3																					
10	Tuberculosis of the respiratory system	110	63	47	8	1	1	1	1	1	1	1	5	25	24	26	19	6	3	1					
11	Other forms of tuberculosis	14	9	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	Malaria	14	11	3																					
13	Malaria	14	11	3																					
14	Other infectious and parasitic diseases	247	124	123	2	5	1	2	1	1	1	1	1	2	9	32	65	77	42	17					
15	Cancer and other malignant tumors	14	8	11	1																				
16	Tumor, malignant, of which the nature is not specified	14	8	11	1																				
17	Chronic rheumatism and gout	58	25	33	1																				
18	Diabetes mellitus (exclusive of coma)	1																							
19	Other diseases of the circulatory system	311	15	16	2																				
20	Other general diseases and chronic poisonings	8	5	3	1																				
21	Progressive locomotor ataxia and general paralysis of the insane	8	5	3	1																				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	165	88	68	7																				
23	Other diseases of the nervous system and of the special senses	32	17	15	2																				
24	Diseases of the brain	470	273	200	14	2	1	2	1	1	1	1	5	11	21	0	5	98	120	106	52	11			
25	Other diseases of the circulatory system	34	18	16	12																				
26	Stroke	6	3	3	7																				
27	Other diseases of the circulatory system	131	72	59	7	27	8	4	1	40															
28	Other diseases of the respiratory system (exclusive of influenza)	16	10	6	6																				
29	Influenza and enteritis	33	9	4	1																				
30	Other diseases of the respiratory system	31	14	11	1																				
31	Other diseases of the respiratory system (exclusive of influenza)	31	14	11	1																				
32	Other diseases of the digestive system	50	25	15	1																				
33	Other diseases of the digestive system	144	70	68	6																				
34	Other diseases of the genitourinary system	29	15	9	2																				
35	Other diseases of the genitourinary system	9			2																				
36	Other diseases of pregnancy, childbirth and the puerperal state	4		4																					
37	Diseases of the skin and subcutaneous tissue, and diseases of the eye, ear, nose, and throat	11	8	3																					
38	Congenital debility and malformations, premature birth and other diseases of early infancy	55	43	42	9	82	1	1	84																
39	Scalds	2	3	5																					
40	Other diseases of early infancy	10	8	2	5																				
41	Accidental deaths (suicide and homicide excepted)	172	123	46	7	1	3	1	1	1	7	8	19	21	10	28	34	24	12	7	2				
42	Violent and accidental deaths (suicide and homicide excepted)	1	1																						
43	Cause of death not specified or ill-defined																								

Estimated population, 235,000. Total resident deaths, 2,407. Rate per 1,000 population, 8.8.

TABULATION OF DEATHS IN NEW BRUNSWICK CITY FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

International List Number	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
						42	58	5	3	1	30	4	9	23	23	43	75	82	67	25	5	
1	ALL CAUSES	302	213	179	42	58	5	3	1	30	4	9	23	23	43	75	82	67	25	5		
2	Typhoid and paratyphoid fever																					
3	Typhus fever																					
4	Dysentery																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Measles																					
9	Whooping cough																					
10	Tuberculosis of the respiratory system	10	9	10	2	1																
11	Other forms of tuberculosis	1	3	2	3																	
12	Malaria	6	3	2																		
13	Other infectious and parasitic diseases	4	2	2	1	1																
14	Cancer and other malignant tumors	42	17	25	4	1																
15	Cancer and other malignant tumors	4	2	2	1	1																
16	Is not specified	4	4	4	1																	
17	Chronic rheumatism and gout																					
18	Diphtheria (acute or chronic)	17	6	11	2																	
19	Whooping cough	2	2	2	1																	
20	Whooping cough	2	2	2	1																	
21	Progressive locomotor ataxia and general paralysis of the insane	2	2	2	1																	
22	Cerebral hemorrhage, cerebral embolism and thrombosis	36	21	15	0																	
23	Other diseases of the nervous system and of the organs of special sense	8	5	3	2	2																
24	Diseases of the heart	99	55	44	6																	
25	Other diseases of the circulatory system	9	1	2	1																	
26	Dysentery	33	16	17	4	6	2	1														
27	Dysentery	33	16	17	4	6	2	1														
28	Other diseases of the respiratory system (infectious excepted)	2	2	2																		
29	Whooping cough	2	2	2																		
30	Whooping cough	2	2	2																		
31	Diseases of the liver and biliary passages	4	4	4																		
32	Other diseases of the digestive system	20	12	11	5																	
33	Other diseases of the digestive system	4	3	1	1																	
34	Other diseases of the genitourinary system	1	1	1																		
35	Other diseases of pregnancy, childbirth and puerperal septemia	2	2	2																		
36	Other diseases of pregnancy, childbirth and puerperal septemia	2	2	2																		
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	1	1	1																		
38	Congenital debility and malformations, prematurity and other diseases of the newborn	15	11	4	4	15																
39	Stillbirth	7	6	1	1																	
40	Stillbirth	7	6	1	1																	
41	Accidental deaths (suicide and homicide excepted)	20	10	7	1																	
42	Accidental deaths (suicide and homicide excepted)	20	10	7	1																	
43	Cause of death not specified or ill-defined																					

Estimated population, 35,000.

Total resident deaths, 392.

Rate per 1,000 population, 11.2.

TABULATION OF DEATHS IN PERTH AMBOY CITY FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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
						6	27	21	4	4	1	34	4	18	14	23	50	68	70	56	22	1
1	ALL CAUSES	366	205	161	6	27	21	4	4	18	14	23	50	68	70	56	22	1	Unknown			
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Scarlet fever																					
4	Whooping cough																					
5	Diphtheria																					
6	Plague																					
10	Tuberculosis of the respiratory system	31	18	13	1	1	1	1	1	3	6	5	1	6	1	1						
11	Other forms of tuberculosis	4	2	3	1	1	1	1	1	1	1	1	1	1	1	1						
12	Malaria	5	3	2																		
13	Other infections and parasitic diseases	47	26	21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
14	Cancer and other malignant tumors	18	10	8																		
15	Is not specified	2	1	1																		
17	Chronic rheumatism and gout	11	4	7																		
18	Diseases involving the circulatory system	11	4	7																		
19	Other general diseases and chronic poisonings	1	1																			
20	Progressive locomotor ataxia and general paralysis of the insane	2	2																			
21	Other diseases of the brain, spinal cord, and nerves	2	2																			
22	Thrombosis	33	10	14																		

23	Other diseases of the nervous system and of the organs of special sense	6	2	4																
24	Diseases of the heart	73	36	37																
25	Diseases of the respiratory system	2	1	1																
26	Bronchitis	14	6	8																
27	Pneumonia	14	6	8																
28	Other diseases of the respiratory system (infectious)	9	1	8																
29	Diarrhea and enteritis	1	1																	
30	Ascariasis	1	1																	
31	Diseases of the liver and biliary passages	8	6	2																
32	Other diseases of the digestive system	1	1																	
33	Nephritis	3	1	2																
34	Other diseases of the genitourinary system	3	1	2																
35	Urteral septemia	5	4	1																
36	Other diseases of pregnancy, childbirth and puerperium	2	2																	
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	2	2																	
38	Congenital debility and malformations, prematurity, stillbirth and other diseases of early infancy	20	8	12																
39	Stillbirth and other diseases of early infancy	2	2																	
40	Suicide	2	2																	
41	Homicide	2	2																	
42	Unnatural deaths (suicide and homicide excluded)	33	20	7																
43	Cause of death not specified or ill-defined																			

Estimated population, 44,000.

Total resident deaths, 360.

Rate per 1,000 population, 8.3.

TABULATION OF DEATHS IN LONG BRANCH CITY FOR 1985, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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
						12	2	1	1	1	15	2	6	11	14	26	36	56	53	10	4	
1	ALL CAUSES	242	131	111	26	12	2	1	1	1	15	2	6	11	14	26	36	56	53	10	4	
1	Typhoid and paratyphoid fever	1																				
2	Typhus fever																					
3	Dysentery																					
4	Meningitis																					
5	Scarlet fever	2	2																			
6	Whooping cough																					
7	Diphtheria	3	3																			
8	Epidemic typhus																					
9	Plague																					
10	Tuberculosis of the respiratory system	4	3	1																		
11	Other forms of tuberculosis	1																				
12	Other infectious and parasitic diseases	2	1	1																		
13	Malaria	2	1	1																		
14	Other infectious and parasitic diseases	24	10	14	1																	
15	Cancer and other malignant tumors	2	2																			
16	Is not specified	2	2																			
17	Chronic rheumatism and gout	1	1																			
18	Diabetes mellitus or diabetes	5	1	4																		
19	Other diseases of the circulatory system	1	1																			
20	Other general diseases and chronic poisonings	7	3	4	1																	
21	Progressive locomotor ataxia and general paralysis of the insane	1	1																			
22	Cerebral meningitis, cerebral embolism and thrombosis	6	6	2	1																	
23	Other diseases of the nervous system and of the organs of special sense	4	1	3																		
24	Diseases of the heart	77	47	30	5																	
25	Diseases of the circulatory system	5	5																			
26	Myocarditis	1	1																			
27	Pneumonia	11	5	6	1																	
28	Other diseases of the respiratory system (in bronchitis and emphysema)	2	1	1																		
29	Bronchitis	1	1																			
30	Appendicitis	4	3	1																		
31	Diseases of the liver and biliary passages	4	3	1																		
32	Other diseases of the digestive system	31	15	16	1																	
33	Other diseases of the genitourinary system	3	1	2																		
34	Other diseases of the genitourinary system (in venereal syphilis, gonorrhea, chlamydia and other diseases of the urethra)	1	1																			
35	Puerperal septicemia	2		2																		
36	Other diseases of pregnancy, childbirth and the puerperium	1	1																			
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	1	1																			
38	Congenital debility	10	7	3	2	10																
39	Other congenital debility	4	3	1																		
40	Suicide	3	3																			
41	Homicide	1	1																			
42	Other accidental deaths (poisoning and other causes)	13	7	6	1																	
43	Cause of death not specified or ill-defined (homicide excepted)																					

Total resident deaths, 242. Estimated population, 19,700. Rate per 1,000 population, 12.2.

TABULATION OF DEATHS IN RED BANK BOROUGH FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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	ALL CAUSES	158	83	75	26	9	2	11	2	4	6	7	17	17	31	42	20	2	
2	Typhoid and paratyphoid fever																		
3	Typhus fever																		
4	Scarlet fever																		
5	Diphtheria																		
6	Whooping cough																		
7	Diphtheria	2	1	1	1			2											
8	Influenza																		
9	Pneumonia	6	6																
10	Tuberculosis of the respiratory system	2																	
11	Other forms of tuberculosis	2																	
12	Syphilis	2																	
13	Other infectious and parasitic diseases	20	10	10	1														
14	Cancer and other malignant tumors	1																	
15	Pharynx, nasopharynx, or of which the nature																		
16	Stomach and other parts of the digestive system																		
17	Chronic rheumatism and gout																		
18	Diabetes mellitus																		
19	Alcoholism (acute or chronic)	3	1	2	2														
20	Alcoholism (acute or chronic) - Absolutum	2	1	1	2														
21	Progressive hemiparesis, paralysis, and	2																	
22	Paralysis of the brain, cerebral embolism and thrombosis	2																	
23	Other diseases of the nervous system and of the organs of special sense	4																	
24	Diseases of the heart and of the circulatory system	41	20	21	10														
25	Coronary atherosclerosis	1	4	5															
26	Bronchitis	5	3	2	1														
27	Pneumonia																		
28	Other diseases of the respiratory system (in- cluding influenza)	1	1																
29	Diarrhoea and enteritis	3																	
30	Appendicitis	2																	
31	Diseases of the liver and biliary passages	4	2	2	1														
32	Diseases of the genitourinary system	21	11	10	2														
33	Gonorrhoea	1	3	2															
34	Other diseases of the genitourinary system	20																	
35	Periparturient septicemia, childbed and the puerperal state	1																	
36	Diseases of the skin and cellular tissue, and of the bones and organs of motion	5	1	4	3														
37	Diseases of the skin and cellular tissue, and of the bones and organs of motion - Prematu- rity, birth and other diseases of early infancy	1																	
38	Other diseases of the skin and cellular tissue, and of the bones and organs of motion	4																	
39	Senility	1																	
40	Suicide	1																	
41	Violence and accidental deaths (suicide and homicide excepted)	10	6	4	3														
42	Violence and accidental deaths (suicide and homicide excepted)																		
43	Cause of death not specified or ill-defined																		

Estimated population, 12,200.

Total resident deaths, 158.

Rate per 1,000 population, 12.6.

TABULATION OF DEATHS IN MORRIS COUNTY FOR 1986, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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
						08	14	6	3	91	14	24	40	69	95	196	283	288	131	22	..	
1	ALL CAUSES	1240	688	603	36	68	14	6	3	91	14	24	40	69	95	196	283	288	131	22	..	
1	Typhoid and paratyphoid fever .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	Dysentery .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	Shigellosis .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	Amoebiasis .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5	Scarlet fever	5	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6	Diphtheria	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7	Whooping cough	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	Influenza	5	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9	Plague .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10	Other forms of the respiratory system	40	27	15	6	13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11	Scarlet fever .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12	Syphilis	5	6	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13	Malaria	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14	Other infectious and parasitic diseases	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15	Cancer and other malignant tumors	185	78	107	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16	Tumors, nonmalignant, or of which the nature is not specified	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17	Diabetes mellitus	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18	Diabetes insipidus .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19	Alcoholism (acute or chronic)	38	14	24	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20	Other diseases of the circulatory system	21	6	16	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
21	Heart disease, unspecified .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22	Paralysis of the brain and general paralysis	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23	Cerebral hemorrhage, cerebral embolism and thrombosis	65	41	54	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

25	Other diseases of the nervous system and of the special sense	8	7	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24	Diseases of the heart	340	203	140	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
25	Other diseases of the circulatory system	23	13	10	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
26	Bronchitis	74	41	33	3	7	4	2	1	14	1	5	2	6	1	10	4	17	12	2	..	..
27	Pneumonia	8	5	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
28	Other diseases of the respiratory system (tuberculosis excepted)	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
29	Diarrhoea and enteritis	3	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
30	Dysentery	13	6	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
31	Diseases of the liver and biliary passages	19	9	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
32	Other diseases of the digestive system	120	62	58	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
33	Nephritis	18	15	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
34	Other diseases of the genitourinary system	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
35	Puerperal septicemia	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
36	Other diseases of pregnancy, childbirth and the puerperal state .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
37	Diseases of the bones and cellular tissue, and of the bones and organs of locomotion	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
38	Congenital debility and malformations, premature birth and other diseases of early infancy	43	34	9	41	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
39	Scalds	11	8	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
40	Scalds .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
41	Violent and accidental deaths (suicide and homicide)	64	23	1	5	3	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
42	Violent and accidental deaths (suicide and homicide)	87	61	23	1	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
43	Causes of death not specified or ill-defined	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Estimated population, 115,100. Total resident deaths, 1,249. Rate per 1,000 population, 10.5.

TABULATION OF DEATHS IN DOVER TOWN FOR 1986, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS											Unknown					
						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
1	ALL CAUSES	130	75	64	7	0	1	1	1	1	1	0	1	4	4	8	14	20	20	33	12	5
2	Typhoid and paratyphoid fever																					
3	Typhus fever																					
4	Scarlet fever																					
5	Serous fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Polio																					
9	Infuenza																					
10	Tuberculosis of the respiratory system																					
11	Other forms of tuberculosis																					
12	Syphilis																					
13	Other infectious and parasitic diseases																					
14	Cancer and other malignant tumors																					
15	Tumors, nonmalignant, or of which the nature																					
16	Diabetes mellitus																					
17	Diabetes insipidus																					
18	Alcoholism (acute or chronic)																					
19	Other general diseases and chronic poisonings																					
20	Other general diseases and chronic poisonings																					
21	Paralysis of the brain																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis																					
23	Other diseases of the nervous system and of the organs of the brain																					
24	Other diseases of the circulatory system																					
25	Myocardial infarction																					
26	Stroke																					
27	Other diseases of the respiratory system (tuberculosis excepted)																					
28	Other diseases of the respiratory system (tuberculosis and enteritis)																					
29	Diarrhea and enteritis																					
30	Appendicitis																					
31	Other diseases of the liver and biliary passages																					
32	Other diseases of the digestive system																					
33	Other diseases of the genitourinary system																					
34	Other diseases of the genitourinary system																					
35	Other diseases of pregnancy, childbirth and the puerperium																					
36	Other diseases of pregnancy, childbirth and the puerperium																					
37	Other diseases of pregnancy, childbirth and the puerperium																					
38	Other diseases of pregnancy, childbirth and the puerperium																					
39	Other diseases of pregnancy, childbirth and the puerperium																					
40	Other diseases of pregnancy, childbirth and the puerperium																					
41	Other diseases of pregnancy, childbirth and the puerperium																					
42	Other diseases of pregnancy, childbirth and the puerperium																					
43	Other diseases of pregnancy, childbirth and the puerperium																					

Abridged International List Number

CAUSE OF DEATH

AGE PERIODS

Unknown

90 and over

50 to 59

70 to 79

60 to 69

50 to 59

40 to 49

30 to 39

20 to 29

10 to 19

5 to 9

Under 5 years

4 years

3 years

2 years

1 year

Under 1 year

Color, if other than white

Male

Female

Total

Estimated population, 10,000.

Total resident deaths, 190.

Rate per 1,000 population, 18.0.

TABULATION OF DEATHS IN MORRISTOWN TOWN FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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	
						5	2	1	1	1	8	1	2	5	13	10	10	23	45	33	20	21	
1	ALL CAUSES	100	84	76	18	5	2	1	1	1	8	1	2	5	13	10	10	23	45	33	20	21	
2	Typhoid and paratyphoid fever	1	1																				
3	Typhus fever																						
4	Scarlet fever																						
5	Whooping cough																						
6	Diphtheria																						
7	Epidemic typhus																						
8	Plague																						
10	Tuberculosis of the respiratory system	6	2	5	1																		
11	Other forms of tuberculosis																						
12	Other forms of tuberculosis																						
13	Malaria	1		1																			
14	Other infectious and parasitic diseases																						
15	Cancer and other malignant tumors	10	7	9	1																		
16	Tumors, benign, or of which the nature is not specified																						
17	Cerebral rheumatism and gout																						
18	Diabetes mellitus and diabetes insipidus	6	4	7	1																		
19	Other general diseases and chronic poisonings	1	1	1																			
20	Progressive locomotor ataxia and general paralysis of the insane	1	1																				
21	Other general diseases and chronic poisonings	1	1																				
22	Other general diseases and chronic poisonings	10	3	7	1																		
	a. Myocarditis, cerebral embolism and thrombosis																						

23 Other diseases of the nervous system and of the organs of special sense
 24 Typhoid and paratyphoid fever
 25 Other diseases of the circulatory system
 26 Bronchitis
 27 Pneumonia
 28 Other diseases of the respiratory system (including influenza)
 29 Diphtheria and enteritis
 30 Appendicitis
 31 Diseases of the liver and biliary passages
 32 Other diseases of the digestive system
 33 Nephritis
 34 Other diseases of the genitourinary system
 35 Intestinal and other diseases of early infancy
 36 Other diseases of pregnancy, childbirth and the puerperium
 37 Diseases of the skin and cellular tissues and of the bones and organs of locomotion
 38 Congenital disability and malformations, prematurity and other diseases of early infancy
 39 Stillbirth
 40 Suicide
 41 Homicide
 42 Accidental death (suicide and homicide excluded)
 43 Cause of death not specified or ill-defined

1	1	1																						
2																								
3	31	25	6																					
4	1	2	5	3																				
5	1	1	1																					
6	2	2	2																					
7	1	1	1																					
8	2	2	2																					
9	1	1	1																					
10	1	1	1																					
11	2	2	2																					
12	1	1	1																					
13	1	1	1																					
14	1	1	1																					
15	1	1	1																					
16	1	1	1																					
17	10	7	1																					
18	11	11	1																					

Estimated population, 15,900.

Total resident deaths, 100.

Rate per 1,000 population, 10.0.

TABULATION OF DEATHS IN OCEAN COUNTY FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH		Total	Male	Female	Color, If other than white	AGE PERIODS										
	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	ALL CAUSES	553	301	252	27	28	2	7	16	26	40	78	124	122	73	7	
1	Typhoid and paratyphoid fever																
2	Typhus fever																
3	Smallpox																
4	Dysentery																
5	Scarlat fever																
6	Whooping cough																
7	Diphtheria																
8	Scarlet fever																
9	Plague																
10	Tuberculosis of the respiratory system																
11	Other forms of tuberculosis																
12	Other forms of tuberculosis																
13	Other forms of tuberculosis																
14	Other forms of tuberculosis																
15	Other forms of tuberculosis																
16	Other forms of tuberculosis																
17	Other forms of tuberculosis																
18	Other forms of tuberculosis																
19	Other forms of tuberculosis																
20	Other forms of tuberculosis																
21	Other forms of tuberculosis																
22	Other forms of tuberculosis																
23	Other diseases of the nervous system and of the organs of special sense	2	1	2													
24	Diseases of the heart	157	91	66													
25	Other diseases of the circulatory system	21	11	10													
26	Stroke	1	1														
27	Other diseases of the circulatory system	20	18	11													
28	Other diseases of the respiratory system (infectious excepted)	3	1	2													
29	Dysentery and enteritis	4	3	1													
30	Other diseases of the respiratory system	5	2	3													
31	Diseases of the liver and biliary passages	7	4	3													
32	Other diseases of the digestive system	7	4	3													
33	Nephritis	51	27	24													
34	Other diseases of the genitourinary system	10	7	3													
35	Uræmic symptoms	1	1														
36	Other diseases of pregnancy, childbirth and the puerperal state	4		4													
37	Diseases of the bones and joints, periosteum, and of the muscles																
38	Congenital deformity and malformations, premature birth and other diseases of early infancy	16	11	5													
39	Stomach	2	1	1													
40	Stomach	2	1	1													
41	Stomach	2	1	1													
42	Violent and accidental deaths (suicide and homicide)	40	30	10													
43	Cause of death not specified or ill-defined																

Estimated population, 86,100.

Total resident deaths, 838.

Rate per 1,000 population, 14.7.

TABULATION OF DEATHS IN PASSAIC COUNTY FOR 1938, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS											90 and over	Unknown				
						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
1	ALL CAUSES	2873	1493	1380	86	104	10	10	12	7	100	42	82	140	168	300	467	624	548	256	29	
1	Diphtheria and paratyphoid fever	1	1												1							
2	Epidemic typhus fever																					
3	Syphilis																					
4	Measles	4	1	3		1	1			2	4											
5	Scarlet fever	1	1																			
6	Whooping cough	3	3																			
7	Diphtheria	33	17	16		1	1	1	1	1	1	1	1	2	3	6	5	9	2	2		
8	Influenza	22	12	10		8	1	1	1	1	1	1	1	1	2	3	6	14	1	1		
9	Plague	1																				
10	Tuberculosis of the respiratory system	128	72	56		8	1	1	1	1	1	1	1	1	2	3	4	4	2	1		
11	Other forms of tuberculosis	14	12	2		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
12	Syphilis	14	12	2		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
13	Malaria	1																				
14	Other infectious and parasitic diseases	307	162	145		8	1	1	1	3	1	3	8	18	40	101	131	181	70	29	1	
15	Phases unclassified, of which the nature is not specified	12	5	7		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
17	Chorea, rheumatism and gout	3	3																			
18	Alcoholism	9	9																			
19	Mental (acute or chronic)	4	3	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
20	Other general diseases and chronic poisonings	52	27	25		3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
21	Progressive locomotor ataxia and general paralysis of the insane	9	9			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
22	Cerebrovascular, cerebral embolism and thrombosis	222	109	113		5	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
23	Other diseases of the nervous system and of special sense	42	22	20		2	4	1	1	1	1	1	1	1	1	1	1	1	1	1		
24	Diseases of the brain	354	18	336		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
25	Other diseases of the circulatory system	86	4	82		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
26	Ischemic heart disease	6	1	5		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
27	Brain aneurysm	102	102			10	20	2	4	2	1	3	6	10	8	21	18	38	34	11	3	
28	Other diseases of the circulatory system (including cerebral aneurysm)	20	18	2		2	10	1	1	1	1	1	1	1	1	1	1	1	1	1		
29	Diarrhoea and enteritis	10	8	2		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
30	Dysentery	13	13			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
31	Diseases of the liver and biliary passages	86	43	43		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
32	Diseases of the gallbladder and biliary passages	75	43	32		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
33	Other diseases of the digestive system	210	87	123		5	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
34	Acute gastritis	8	8			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
35	Acute enteritis	58	28	30		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
36	Other diseases of the genitourinary system	8	8			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
37	Other diseases of pregnancy, childbirth and the puerperal state	9		9																		
38	Diseases of the skin and cellular tissue, and of the bones and cartilages	9	2	7																		
39	Congenital debility and malformations	102	57	45		5	101															
40	Stillbirth and other diseases of early infancy	8	2	6																		
41	Sudden infant death syndrome	94	89	5																		
42	Violent and accidental deaths (suicide and homicide excepted)	10	7	3																		
43	Cause of death not specified or ill-defined	169	112	57		7	1	1	3	2	1	6	13	14	13	17	24	23	20	11	2	

Estimated population, 314,000.

Total resident deaths, 2,876.

Rate per 1,000 population, 9.1.

TABULATION OF DEATHS IN CHIPTON CITY FOR 1983, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS											50 and over	Unknown			
						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
	ALL CAUSES	333	166	164		22		2		24	11	11	10	18	37	56	70	62	28		
1	Typhoid and paratyphoid fever																				
2	Typhus fever																				
3	Shigellosis																				
4	Measles	1	1																		
5	Scarlet fever	1	1																		
6	Whooping cough	1	1																		
7	Diphtheria	6	6	1																	
8	Influenza	6	6	1																	
9	Tuberculosis	17	1	13																	
10	Other forms of the respiratory system	2	1	1																	
11	Other forms of tuberculosis	2	1	1																	
12	Syphilis	3																			
13	Other infectious and parasitic diseases	3	2	1																	
14	Other infectious and parasitic diseases	53	26	27																	
15	Cancer and other malignant tumors	10	9	1																	
16	Tumors, nonmalignant, or of which the nature is not specified	9	1	8																	
17	Chorea, choreoidosis and gout	18	3	15																	
18	Disturbances of the nervous system	18	3	15																	
19	Alcoholism (acute or chronic)	1	1																		
20	Other general diseases and injuries	9	6	3																	
21	Other general diseases and injuries	1	1																		
22	Other general diseases and injuries	2																			
23	Cerebral hemorrhage, cerebral embolism and thrombosis	25	13	12																	
24	Other diseases of the nervous system and of the organs of special sense	2	1	1																	
25	Diseases of the heart	37	30	7																	
26	Diseases of the circulatory system	8	3	5																	
27	Pneumonia	16	9	7																	
28	Other diseases of the respiratory system (tuberculosis excepted)	1	1																		
29	Throat and enteritis	1	1																		
30	Appendicitis	1	1																		
31	Diseases of the liver and biliary passages	1	1																		
32	Diseases of the digestive system	4	4																		
33	Nephritis	2	1	1																	
34	Other diseases of the genitourinary system	23	13	11																	
35	Unspecified septicaemia	3	3																		
36	Unspecified septicaemia	3	3																		
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	2																			
38	Congenital anomalies	14	7	7																	
39	Senility	6	5	1																	
40	Sanctus	2	2																		
41	Fracture	6	5	1																	
42	Other general diseases and injuries	21	19	2																	
43	Cause of death not specified or ill-defined	21	19	2																	

Estimated population, 52,500.

Total resident deaths, 333.

Rate per 1,000 population, 6.3.

23 Other diseases of the nervous system and of the organs of special sense

24 Diseases of the heart

25 Diseases of the circulatory system

26 Bronchitis

27 Pneumonia

28 Other diseases of the respiratory system (tuberculosis excepted)

29 Throat and enteritis

30 Appendicitis

31 Diseases of the liver and biliary passages

32 Diseases of the digestive system

33 Nephritis

34 Other diseases of the genitourinary system

35 Unspecified septicaemia

36 Unspecified septicaemia

37 Diseases of the skin and cellular tissue, and of the bones and organs of locomotion

38 Congenital anomalies

39 Senility

40 Sanctus

41 Fracture

42 Other general diseases and injuries

43 Cause of death not specified or ill-defined

TABULATION OF DEATHS IN PASSAIC CITY FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

List Number	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
						21	25	5	1	3	2	40	7	10	30	24	56	107	120	77	36	6
1	ALL CAUSES	522	268	229	21	25	5	1	3	2	40	7	10	30	24	56	107	120	77	36	6	
2	Typhoid and paratyphoid fever	1	1																			
3	Typhus fever	1																				
4	Malaria	2																				
5	Scarlet fever	2																				
6	Diphtheria	1																				
7	Whooping cough	1																				
8	Infantile	4																				
9	Plague	4																				
10	Tuberculosis of the respiratory system	20	12	8	2																	
11	Other forms of tuberculosis	12	6	6																		
12	Syphilis	5																				
13	Malaria	3	3		2																	
14	Other infectious and parasitic diseases	84	41	37	2																	
15	Septicemia, meningitis, and other forms of pyemia	17	10	7																		
16	Tumors, nonmalignant, of which the nature is not specified	1																				
17	Brain, meningitis and font	1																				
18	Alcoholism (acute or chronic)	12	4	8																		
19	Alcoholism (fatal or chronic)	12	4	8																		
20	Other general diseases and chronic poisonings	9	6	3																		
21	Progressive locomotor ataxia and general paresis	1																				
22	Cerebral hemorrhage, cerebral embolism, and thrombosis	40	20	20	1																	
23	Other diseases of the nervous system and of the organs of special sense	15	8	7	1	1																
24	Diphtheria	11	6	5																		
25	Other diseases of the circulatory system	19	10	9																		
26	Bronchitis	1																				
27	Pneumonia	39	23	16	4	5	2															
28	Pneumonia of the respiratory system (except lobar pneumonia)	4	3	1																		
29	Diarrhea and enteritis	1	1																			
30	Appendicitis	1	1																			
31	Septicemia	17	1	16																		
32	Other diseases of the liver and biliary passages	24	18	6																		
33	Other diseases of the digestive system	26	8	18																		
34	Nephritis	20	8	12																		
35	Other diseases of the genitourinary system	9	5	4																		
36	Other diseases of pregnancy, childbirth, and the puerperal state	1																				
37	Diseases of the skin and cellular tissue, and of the mucous membranes	2	1	1																		
38	Congenital debility and malformations, prematurity	14	9	5																		
39	Other congenital debility and malformations, infancy	3																				
40	Senility	5																				
41	Homicide	1	1																			
42	Violent and accidental deaths (suicide and homicide excepted)	82	53	29	1	1																
43	Cause of death not specified or ill-defined	1																				

Estimated population, 62,939

Total resident deaths, 822.

Rate per 1,000 population, 8.2.

TABULATION OF DEATHS IN PATERSON CITY FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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	
						73	6	7	0	3	85	16	33	70	87	149	247	312	313	160	15		
1	ALL CAUSES	1487	708	719	83	73	6	7	0	3	85	16	33	70	87	149	247	312	313	160	15		
1	Typhoid and paratyphoid fever																						
2	Typhoid fever																						
3	Smallpox																						
4	Measles																						
5	Scarlet fever																						
6	Diphtheria																						
7	Diphtheria																						
8	Influenza																						
9	Tracheitis																						
10	Tracheitis of the respiratory system																						
11	Other forms of tuberculosis																						
12	Syphilis																						
13	Adaritis																						
14	Other diseases and injuries of the nervous system																						
15	Other diseases and injuries of the nervous system																						
16	Cancer and other malignant tumors																						
17	Primary, nonmalignant, or of which the nature is uncertain																						
18	Chorea, choreiform and other																						
19	Diabetes mellitus																						
20	Alcoholism (acute or chronic)																						
21	Alcoholism (acute or chronic) - Intoxications																						
22	Progressive locomotor ataxia and other paralytic diseases of the brain																						
23	Cerebral hemorrhage, cerebral embolism and thrombosis																						
24	Other diseases of the nervous system and of the organs of special sense																						
25	Diseases of the heart																						
26	Other diseases of the circulatory system																						
27	Pneumonia																						
28	Other diseases of the respiratory system (tuberculosis excepted)																						
29	Diphtheria and enteritis																						
30	Other diseases of the respiratory system																						
31	Diseases of the liver and biliary passages																						
32	Other diseases of the digestive system																						
33	Nephritis																						
34	Other diseases of the genitourinary system																						
35	Other diseases of pregnancy, childbirth and the puerperal state																						
36	Other diseases of pregnancy, childbirth and the puerperal state and other diseases of the bones and organs of locomotion																						
37	Other diseases of pregnancy, childbirth and the puerperal state and other diseases of the bones and organs of locomotion																						
38	Congenital debility and malformations, premature birth and other diseases of early infancy																						
39	Other diseases of early infancy																						
40	Stomach																						
41	Stomach																						
42	Violent and accidental deaths (suicide and homicide)																						
43	Cause of death not specified or ill-defined																						

Estimated population, 130,200. Total resident deaths, 1,487. Rate per 1,000 population, 10.6.

TABULATION OF DEATHS IN SOMERSET COUNTY FOR 1986, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
1	ALL CAUSES	695	386	307	25	39	5	5	5	5	52	9	16	20	30	65	104	133	166	166	71	11			
2	Typhoid and paratyphoid fever	1		1																					
3	Typhus fever																								
4	Smallpox																								
5	Dysentery																								
6	Stenosis fecae																								
7	Whooping cough																								
8	Diphtheria	7	5	4																					
9	Influenza	32	24	11																					
10	Tuberculosis of the respiratory system	2	1	1																					
11	Other forms of tuberculosis	1		1																					
12	Syphilis	2	1	1																					
13	Other infectious and parasitic diseases	11	6	5																					
14	Cancer and other malignant tumors	81	46	35	3																				
15	Tumors, nonmalignant, or of which the nature is uncertain	5	1	4	2																				
16	Chronic rheumatism and gout	1		1																					
17	Diphtheria mellitus	17	9	8																					
18	Diabetes mellitus	2		2																					
19	Alcoholism (acute or chronic)	14	5	9																					
20	Alcoholism (chronic) (continued)	2		2																					
21	Progressive locomotor ataxia and general paralysis of the insane	2	2																						
22	Cerebral hemorrhage, cerebral embolism and thrombosis	65	35	32																					

23	Other diseases of the nervous system and of the organs of special sense	9	6	3																					
24	Diseases of the heart	100	86	74	6																				
25	Other diseases of the circulatory system	16	7	9																					
26	Ischemic heart disease	14	7	7																					
27	Influenza	44	24	20	2																				
28	Other diseases of the respiratory system (tuberculosis excepted)	9	5	4	1																				
29	Influenza and enteritis	5	5	5																					
30	Acute bronchitis	4	5	5																					
31	Diseases of the liver and biliary passages	9	3	6																					
32	Other diseases of the digestive system	19	12	7	1																				
33	Nephritis	50	21	28																					
34	Other diseases of the genitourinary system	7	6	2																					
35	Prostatic hypertrophy	2		2																					
36	Other diseases of pregnancy, childbirth and the puerperal state	1		1																					
37	Diseases of the ear, nose, and throat, and of the bones and organs of locomotion	4	3	1																					
38	Congenital debility and malformations, premature birth and other diseases of early infancy	28	14	14	1	27																			
39	Senility	2		2																					
40	Stomach cancer	1		1																					
41	Homicide	1		1																					
42	Violent and accidental deaths (suicide and homicide excepted)	51	40	11	2																				
43	Cause of death not specified or ill-defined	1	1																						

Estimated population, 80,800.

Total resident deaths, 693.

Rate per 1,000 population, 9.0.

TABULATION OF DEATHS IN ELIZABETH CITY FOR 1896, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS											90 and over						
						Under 1 year																	
						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		
1	ALL CAUSES	1018	635	484	68	60	6	0	4	0	84	20	33	45	66	130	202	106	169	60	71	Unknown	
1	Typhoid and paratyphoid fever	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Typhus fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Smallpox	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Scarlet fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Whooping cough	6	6	1	1	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Diphtheria	12	7	5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Measles	12	7	5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Pharyngitis	12	7	5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Tuberculosis of the respiratory system	51	33	18	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Tuberculosis of the respiratory system	51	33	18	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Other forms of tuberculosis	10	5	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Syphilis	10	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Other infectious and parasitic diseases	6	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Other infectious and parasitic diseases	6	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Cancer and other malignant tumors	115	57	59	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Pneumonia, meningitis, or of which the nature	11	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Chronic rheumatism and gout	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Diabetes mellitus	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Alcoholism (acute or chronic)	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Alcoholism (chronic toxic psychosis)	21	11	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Progressive locomotor ataxia and general paralysis of the insane	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Paralysed hemorrhage, cerebral embolism and thrombosis	86	30	40	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

23	Other diseases of the nervous system and of the organs of special sense	10	0	10	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Diseases of the heart	201	121	119	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Other diseases of the circulatory system	16	5	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Bronchitis	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Pneumonia	28	15	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Other diseases of the respiratory system (tuberculosis excepted)	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Diphtheria and enteritis	4	1	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Other diseases of the respiratory system	14	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Diseases of the liver and biliary passages	17	9	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Other diseases of the digestive system	27	12	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Nephritis	14	22	32	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Other diseases of the genitourinary system	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	Other diseases of pregnancy, childbirth and the puerperal state	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Other diseases of the circulatory system, and of the bones and organs of locomotion	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Other diseases of the circulatory system, and of the bones and organs of locomotion	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	Congenital debility and malformations, premature birth and other diseases of early infancy	30	20	10	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Stillbirth	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Stillbirth	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Violent and accidental deaths (suicide and homicide excepted)	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Violent and accidental deaths (suicide and homicide excepted)	76	50	26	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Causes of death not specified or ill-defined	6	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Estimated population, 119,800.

Total resident deaths, 1,019.

Rate per 1,000 population, 8.5.

TABULATION OF DEATHS IN LINDEN CITY FOR 1885, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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	ALL CAUSES	178	97	83	9	19	1	1	1	2	23	7	5	9	19	26	28	28	24	8	1
1	Typhoid and paratyphoid fever	1																			
2	Typhus fever	2																			
3	Sandhoax	3																			
4	Shingles	4																			
5	Scarlet fever	5																			
6	Whooping cough	1	1			1															
7	Diphtheria	1																			
8	Infuenza	8																			
9	Measles	1																			
10	Tuberculosis of the respiratory system	14	11	5	3																
11	Other forms of tuberculosis	2	2																		
12	Syphilis	2	2																		
13	Other infectious and parasitic diseases	19	9	10																	
14	Cancer and other malignant tumors	15																			
15	Phimo, monilium, or of which the nature	2	1	1																	
16	Chronic rheumatism and gout	4																			
17	Diabetes mellitus	4																			
18	Alcoholism (acute or chronic)	4																			
19	Alcoholism (chronic)	4																			
20	Paralytic insanity and other mental diseases	4	2	2																	
21	Progressive locomotor ataxia and general paralysis of the insane	1																			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	12	5	7	2																

23	Other diseases of the nervous system and of the organs of special sense	15	9	6	2	2															
24	Epilepsy	1																			
25	Other diseases of the circulatory system	41	25	22																	
26	Bronchitis	1	1																		
27	Pneumonia	18	1	11	2	3															
28	Other diseases of the respiratory system (tuberculosis excepted)	2																			
29	Diarrhoea and enteritis	6	2	3																	
30	Amoebic dysentery, cholera, and other diseases of the liver and biliary passages	2	1	1																	
31	Other diseases of the digestive system	2	1	1																	
32	Scrophulous diseases	1																			
33	Scrophulous diseases of the respiratory system	1																			
34	Other diseases of the respiratory system (tuberculosis excepted)	1																			
35	Other diseases of the genitourinary system	1																			
36	Other diseases of the genitourinary system (gonorrhoea excepted)	1																			
37	Diseases of the placenta and umbilical vessels, and other diseases of the foetus	1																			
38	Diseases of the skin and cellular tissue, and other diseases of the integumentary system	13	9	4	1	13															
39	Concussional debility and malformations, premature birth and other diseases of early infancy	1																			
40	Scalds	1																			
41	Self-destruction	1																			
42	Homicide	1																			
43	Violent and accidental deaths (suicide and homicide excepted)	14	10	4	1	1															
44	Causes of death not specified or ill-defined	2	1	1																	

Estimated population, 24,700.

Total resident deaths, 178.

Rate per 1,000 population, 7.2.

TABULATION OF DEATHS IN PLAINFIELD CITY FOR 1936, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International 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			
					1	3	2	1	1	1	18	7	12	28	25	43	70	67	81	52	9		
ALL CAUSES	412	196	220	66	1	3	2	1	1	1	1	18	7	12	28	25	43	70	67	81	52	9	
1 Pythoid and paratyphoid fever																							
2 Typhoid fever																							
3 Typhus																							
4 Measles																							
5 Scarlet fever																							
6 Whooping cough																							
7 Diphtheria																							
8 Influenza																							
9 Plague																							
10 Tuberculosis of the respiratory system	15	6	9	6	1																		
11 Tuberculosis of other organs	15	3	2	1	1																		
12 Syphilis																							
13 Malaria																							
14 other infectious and parasitic diseases	3	4	1	1	1																		
15 unknown cause, of which the nature is not specified	19	20	20	2	1																		
16 Chronic rheumatism and gout	3	1	2																				
17 Cancer	15	4	11	5																			
18 Alcoholism (acute or chronic)	9	5	4																				
19 Alcoholism (acute or chronic)	9	5	4																				
20 other general diseases and chronic poisonings	9	5	4																				
21 Progressive degeneration of the motor axons and general atrophy of the motor axons	2	2	1	1																			
22 Cerebral hemorrhage, cerebral embolism and thrombosis	30	11	19	4																			

23 Other diseases of the nervous system and of the organs of special sense	10	4	6	1																			
24 Diseases of the circulatory system	110	64	55	15																			
25 Other diseases of the circulatory system	11	1	7																				
26 Rheumatism	18	7	11	2																			
27 Pneumonia																							
28 Other diseases of the respiratory system (tuberculosis excepted)	2	1	1																				
29 Diphtheria and enteritis																							
30 Appendicitis	1	1																					
31 Diseases of the eye and ocular passages	1	1																					
32 Diseases of the ear, nose and throat	15	12	3	4																			
33 Neoplasms	27	13	14	3																			
34 Other diseases of the genitourinary system	11	5	6	3																			
35 Injuries (including poisoning, suffocation, asphyxiation, drowning, electrocution, and other accidents)	3	5	3	1																			
36 Other diseases of the respiratory system (tuberculosis excepted)	1	1																					
37 Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	1	1																					
38 Diseases of the digestive system (except those of the peritoneal cavity)	5	1	4	1																			
39 Scurvy																							
40 Suicide	2	1	1																				
41 Poisoning (including alcoholism)	2	1	1																				
42 Violent and accidental deaths (suicide and homicidal excepted)	27	17	10	3																			
43 Cause of death not specified or ill-defined	1		1																				

Estimated population, 30,200. Total resident deaths, 412. Rate per 1,000 population, 11.3.

TABULATION OF DEATHS IN WESTFIELD TOWN FOR 1936, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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
	ALL CAUSES	175	92	83	19	9	2	1	1	1	1	1	2	6	13	20	29	37	28	4	4	
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Meningitis																					
5	Whooping cough																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza																					
9	Septicemia																					
10	Septicemia																					
11	Other forms of the respiratory system	4	3	1	2																	
12	Syphilis	4		1	1																	
13	Other infectious and parasitic diseases	4	3	1	1																	
14	Cancer and other malignant tumors	25	13	10	5	1	1	1	1	1	2				1	7	6	6	4			
15	Cancer and other malignant tumors																					
16	Truism, nonmalignant, or of which the nature																					
17	Chronic rheumatism and gout	2	2	3	1																	
18	Dilated myelitis																					
19	Alcoholism (acute or chronic)	1																				
20	Alcoholism (acute or chronic)																					
21	Progressive locomotor ataxia and general	1																				
22	Paralysis of the insane																					
23	Cerebral hemorrhage, cerebral embolism and	13	5	8	2										1		2	4	4	1		
	Thrombosis																					
24	Other diseases of the nervous system and of	2																				
25	Diseases of the heart	90	48	32	1	1																
26	Other diseases of the circulatory system	3																				
27	Bronchitis	10	5	5	5	2	1															
28	Bronchitis																					
29	Other diseases of the respiratory system (tu-	1																				
30	berculosis excepted)																					
31	Dysentery and enteritis	1	1	1	1																	
32	Dysentery and enteritis																					
33	Diseases of the liver and biliary passages	3	2	1	1																	
34	Other diseases of the digestive system	11	1	10	2																	
35	Nephritis	12	2	1	2																	
36	Other diseases of the genitourinary system	32																				
37	Other diseases of pregnancy, childbirth and	3																				
38	the puerperal state and cellular tissue, and																					
39	Diseases of the bones and organs of locomotion	6	4	2	2	0																
40	Congenital debility and malformations, prena-																					
41	ture birth and other diseases of early infancy	21	1	1	1																	
42	Scalding	1																				
43	Homicide	9	7	2																		
44	Violent and accidental deaths (suicide and																					
45	homicide excepted)																					
	Cause of death not specified or ill-defined																					

Estimated population, 17,600.

Total resident deaths, 175.

Rate per 1,000 population, 0.9

TABULATION OF DEATHS IN WARREN COUNTY FOR 1935, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	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
						0	43	3	5	1	55	4	14	22	18	52	64	134	144	75	11	
1	ALL CAUSES	623	337	286	0	43	3	5	1	55	4	14	22	18	52	64	134	144	75	11		
1	Typhoid and paratyphoid fever	1		1																		
2	Typhus fever																					
3	Shigellosis																					
4	Meningitis																					
5	Scarlet fever																					
6	Diphtheria																					
7	Whooping cough																					
8	Influenza	4	4																			
9	Pneumonia	16	6	4	1																	
10	Other diseases of the respiratory system	2	1	1																		
11	Tuberculosis of tuberculosis	4	3	1																		
12	Syphilis																					
13	Malaria																					
14	Other infectious and parasitic diseases	1																				
15	Other neoplasms, malignant tumors	67	28	39	1	1				1												
16	Cancer, unspecified																					
17	Other diseases of the digestive system	4	1	3																		
18	Chronic rheumatism and gout	4	2	2																		
19	Rheumatic meningitis (of central nervous system)	16	3	13																		
20	Other general diseases and chronic poisonings	8	4	4																		
21	Progressive locomotor ataxia and general paralysis of the insane																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	1	1																			
23	Other diseases of the nervous system and of the organs of special sense	63	34	27	1																	

24	Other diseases of the nervous system and of the organs of special sense	15	8	4	1	1																
25	Alzheimer's disease	180	95	81	1	1																
26	Other diseases of the circulatory system	12	7	5																		
27	Heart disease	3	3																			
28	Bronchitis	44	20	24	1	10	1															
29	Other diseases of the respiratory system (tuberculosis excepted)	4	4																			
30	Diphtheria and enteritis	1	1																			
31	Alimentitis of the liver and biliary passages	1	1																			
32	Other diseases of the liver and biliary passages	10	7	3																		
33	Other diseases of the digestive system	49	28	21																		
34	Other diseases of the genitourinary system	9	5	4																		
35	Other diseases of pregnancy, childbirth and the puerperal state and certain diseases of the female sex	1		1																		
36	Other diseases of pregnancy, childbirth and the puerperal state and certain diseases of the female sex	8	2	1																		
37	Diseases of the male sex	23	16	7																		
38	Congenital debility and malformations, premature birth and other diseases of early infancy	6	2	4																		
39	Senility	4	2	2																		
40	Alcoholism	1	1																			
41	Homicide	46	32	14																		
42	Violent and accidental deaths (suicide and homicide excepted)	1		1																		
43	Cause of death not specified or ill-defined																					
44																						
45																						

Estimated population, 50,500. Total resident deaths, 623. Rate per 1,000 population, 12.3.

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