

TABLE OF CONTENTS

FIFTY-NINTH ANNUAL REPORT OF THE DEPARTMENT OF HEALTH OF THE STATE OF NEW JERSEY, 1936

	PAGE
Report of the Director	7
Report of Chief of Bureau of Local Health Administration	15
Report of Chief of Bureau of Engineering	53
Report of Chief of Bureau of Food and Drugs	121
Report of Chief of Bureau of Bacteriology	131
Report of Chief of Bureau of Chemistry	145
Report of Consultant of Bureau of Child Hygiene	149
Report of Consultant of Bureau of Venereal Disease Control	159
Report of Chief of Bureau of Public Health Education	173
Report of Chief of Bureau of Vital Statistics	177
Population	181
Births	181
Marriages	181
Deaths	181
Stillbirths	181
Infant Mortality	196
Colored Races	196
Maternal Mortality	196
Typhoid Fever	202
Malaria	205
Smallpox	205
Measles	205
Scarlet Fever	205
Whooping Cough	208
Diphtheria	208
Tuberculosis	211
Cancer	211
Encephalitis Lethargica or Sleeping Sickness	215
Nephritis	
Suicide	
Automobile Fatalities	

Department of Health of the State of New Jersey

IRVIN E. DEIBERT, M.D., President.....Camden
MISS MARGARET L. MacNAUGHTON, Vice-President.....Jersey City
MRS. HELEN M. BERRY.....Millburn
AUGUSTUS L. L. BAKER, M.D.....Dover
JOHN V. BISHOP.....Columbus
JOSEPH N. FOWLER.....Bivalve
J. E. H. GUTHRIE, D.D.S.....Newark
STANLEY H. NICHOLS, M.D.....Asbury Park
CLYDE POTTS, C.E.....Morristown
DR. JAMES E. RUSSELL.....Lawrenceville
E. W. SMILLIE, D.V.M.....Plainsboro

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 unrelenting.

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 in- spector, 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.

REPORT OF THE DIRECTOR OF HEALTH 9

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 antisymphilitic treatment given if necessary.

REPORT OF THE DIRECTOR OF HEALTH 11

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**

<i>Bureaus</i>	<i>Payrolls</i>	<i>Traveling Expense</i>	<i>Stationery</i>	<i>Office Equipment</i>	<i>Printing</i>	<i>Sundry</i>	<i>Auto Maint.</i>
Administration	\$22,470.59	\$2,298.51	\$1,814.24	\$76.80	\$298.73	\$468.49	.....
Vital Statistics	28,140.00	12.52	53.61	537.79	2,042.61	166.70	.....
Local Health Administration	37,939.10	970.23	153.24	89.88	516.92	32.33	\$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	5.50	.....	148.70	9.78	.....
Food and Drugs	32,140.00	9,097.61	11.40	.....	379.08	152.59	96.18
Milk Plant Division	7,560.00	2,642.64	233.25	16.00	182.06	42.10	.....
Shellfish Division	14,060.00	2,372.83	7.53	.....	45.83	248.52	607.53
Ice Cream Division	1,800.00	219.88	2.50	66.60	33.00	.....	291.35
Engineering	44,315.00	2,548.76	122.54	17.00	253.08	1,387.07	1,847.60
Chemistry	22,523.00	85.44	26.91	.....	91.76	235.07	.....
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	.....
Venereal 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**

<i>Bureaus</i>	<i>Tabulating Machine Rental</i>	<i>Laboratory Supplies</i>	<i>Laboratory Equipment</i>	<i>Binding Cert.</i>	<i>Boat Maint.</i>	<i>Plant Expense</i>	<i>Print'g Public Health News</i>
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					\$1,990.90	\$747.45	
Ice Cream Division							
Engineering							
Chemistry		3,234.41	\$235.50				
Bacteriology		12,745.49	866.67				
Child Hygiene							
Venereal Disease Control							
Public Health Education							\$900.00
 Total of Columns	 \$1,222.00	 \$16,239.87	 \$1,102.17	 \$495.10	 \$1,990.90	 \$747.45	 \$900.00

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

<i>Bureaus</i>	<i>Engineering Equipment</i>	<i>Clinic Equipment</i>	<i>Inspection Service</i>	<i>Welfare Sta- tion Equipm't</i>	<i>Toxoid</i>	<i>New Cars</i>	<i>Total by Bureaus</i>
Administration	\$27,427.36
Vital Statistics	32,516.33
Local Health Administration	\$1,553.14	43,297.85
Barber Division	\$7,200.00	.....	.....	.....	15,279.25
Toxoid Division	\$5,213.50	.....	6,366.95
Food and Drugs	492.63	42,629.46
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	\$398.79	.....	.....	99,954.90
Venereal Disease Control	\$6,333.61	.....	.....	.....	.....	25,497.98
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

NEW JERSEY STATE LIBRARY

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

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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	1	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	6	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	1
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	1	12
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	1
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	1	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

LOCAL HEALTH ADMINISTRATION

19

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-

LOCAL HEALTH ADMINISTRATION

21

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, chickenpox and others.

LOCAL HEALTH ADMINISTRATION

23

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.

DEPARTMENT OF HEALTH

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

<i>County</i>	<i>Toxoid</i>	<i>Vaccine</i>
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

camps. 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.

LOCAL HEALTH ADMINISTRATION

31

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

LOCAL HEALTH ADMINISTRATION

33

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	366	44	39	48	46	45	37	21	5	7	16	31	27	
1 year	540	76	63	80	70	56	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	57	71	
4 years	1013	131	118	128	148	145	91	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	13	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	0	1	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	1754	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	523	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	0	0	1	0	1	0
65 years and over	1	0	3	0	4	0
Age not stated	16	0	19	0	35	0
Total	7145	2	7035	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	57	3	6	9	7	8	2	1	1	3	9	7	1
3 years	65	9	7	6	5	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	330	28	29	29	33	42	23	16	11	15	40	39	34
10 to 14 years	111	17	5	8	12	12	13	2	4	9	6	13	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	1
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

DEPARTMENT OF HEALTH

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	15	1	25	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	0	2	1	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	1	0	0	0	0	0
55 to 64 years	2	0	0	0	0	0	0	0	2	0	0	0	0
65 years and over	3	0	0	0	0	0	0	0	2	1	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

LOCAL HEALTH ADMINISTRATION

35

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
1 year	3	0	1	1	0	0	1	0	0	0	0	0
2 years	7	0	0	1	0	0	3	1	0	1	0	1
3 years	4	0	0	1	1	0	1	1	0	0	0	0
4 years	7	1	2	0	0	1	2	0	0	0	1	0
Under 5 years	26	2	5	3	2	1	7	3	0	1	1	0
5 to 9 years	16	0	0	2	1	1	3	2	0	2	1	2
10 to 14 years	12	1	0	0	1	2	1	2	4	0	1	0
15 to 19 years	7	0	0	0	1	2	2	0	1	0	0	1
20 to 24 years	10	0	0	3	2	1	1	0	1	1	0	1
25 to 34 years	15	1	0	0	2	3	0	3	2	1	0	2
35 to 44 years	5	0	1	0	2	1	0	1	0	0	0	0
45 to 54 years	3	0	1	0	1	0	0	0	0	1	0	0
55 to 64 years	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
Age not stated	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

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	2	1	0	3	2
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	8	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
1 year	173	1	8	17	27	43	33	20	4	8	6	2
2 years	226	3	8	19	36	67	50	23	5	1	2	6
3 years	252	3	10	32	42	82	49	18	3	1	4	4
4 years	269	7	8	25	42	107	57	16	3	0	0	4
Under 5 years	1052	16	39	106	173	321	211	94	19	12	18	13
5 to 9 years	4757	48	215	453	1012	1686	1186	94	12	8	16	10
10 to 14 years	3593	29	195	478	881	1110	730	52	5	3	8	6
15 to 19 years	1405	8	125	329	367	397	155	15	0	1	1	3
20 to 24 years	418	2	13	58	125	136	65	12	2	1	4	0
25 to 34 years	241	0	8	38	59	76	48	9	1	0	0	2
35 to 44 years	106	2	7	9	32	35	17	4	0	0	0	0
45 to 54 years	25	1	2	6	8	2	6	0	0	0	0	0
55 to 64 years	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
Age not stated	34	0	1	12	6	11	2	1	0	1	0	0
Total	11544	106	605	1489	2664	3774	2422	281	39	26	47	34

DEPARTMENT OF HEALTH

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	88	0	173	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	2268	0	2489	1	4757	1
10 to 14 years	1629	0	1874	0	3503	0
15 to 19 years	742	0	663	0	1405	0
20 to 24 years	198	0	220	0	418	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 Months

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	1	0	0	0	0	2 0
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	50	5	3	3	1	3	1	2	1	0	1 4
65 years and over	59	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	3	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	5	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	8	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

LOCAL HEALTH ADMINISTRATION

37

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	1	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	2	1	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	5	0	0	0	2	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	1	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	1	1	0	0	1	1
20 to 24 years	2	0	3	0	5	0
25 to 34 years	1	1	3	2	4	3
35 to 44 years	4	0	3	4	7	4
45 to 54 years	7	5	3	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	5	9
4 years	2650	25	145	374	585	775	563	152	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	20028	293	402	3349	4507	5725	3844	1751	45	14	29	23	46
10 to 14 years	3416	72	239	640	755	889	685	108	9	6	4	6	3
15 to 19 years	652	14	50	146	152	168	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	59	1	2	9	15	19	11	0	0	2	0	0	0
45 to 54 years	20	0	0	1	4	11	4	0	0	0	0	0	0
55 to 64 years	4	0	0	0	1	3	0	0	0	0	0	0	0
65 years and over	3	0	0	0	1	0	0	0	1	0	0	0	1
Age not stated	86	0	10	19	15	22	13	4	0	2	0	0	1
Total	33516	470	1124	5401	7448	9507	6648	2518	134	44	61	69	92

DEPARTMENT OF HEALTH

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	1368	0	1282	4	2650	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 34 years	77	0	132	0	209	0
35 to 44 years	26	0	33	0	59	0
45 to 54 years	10	0	10	0	20	0
55 to 64 years	2	0	2	0	4	0
65 years and over	0	0	3	0	3	0
Age not stated	49	0	37	0	86	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	2	1	0	0	2	0	3	3
1 year	53	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	6	13	21
4 years	265	14	17	22	47	44	31	21	9	5	11	23	21
Under 5 years	674	55	53	53	120	107	75	40	30	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	168	109	48	26	23	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 34 years	151	13	17	21	22	28	13	8	6	4	1	6	12
35 to 44 years	82	10	8	4	10	8	5	7	5	3	3	3	16
45 to 54 years	19	4	3	4	1	3	3	1	0	0	0	0	0
55 to 64 years	6	0	0	2	0	1	0	1	0	1	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 34 years	59	0	92	0	151	0
35 to 44 years	42	0	40	0	82	0
45 to 54 years	6	0	13	0	19	0
55 to 64 years	4	0	2	0	6	0
65 years and over	0	0	1	2	1	2
Age not stated	10	0	9	0	19	0
Total	2974	2	2819	3	5793	5

LOCAL HEALTH ADMINISTRATION

39

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	1	0	0	0	0
15 to 19 years	2	0	0	0	0	0	0	0	0	2	0	0	0
20 to 24 years	1	0	0	0	0	1	0	0	0	0	0	0	0
25 to 34 years	1	0	0	0	0	0	0	0	0	1	0	0	0
35 to 44 years	0	0	0	0	0	0	0	0	0	0	0	0	0
45 to 54 years	2	0	0	0	1	0	1	0	0	0	0	0	0
55 to 64 years	1	0	0	0	0	0	0	0	0	0	0	1	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	1	0	1
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 34 years	1	0	0	0	1	0
35 to 44 years	0	0	0	0	0	0
45 to 54 years	1	0	1	0	2	0
55 to 64 years	0	0	1	1	1	1
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	90	39	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	93	128
5 to 9 years	582	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	12	14	14	13	7	2	6	5	7	7	13
25 to 34 years	346	67	42	34	48	33	18	6	5	7	19	21	46
35 to 44 years	476	91	56	56	52	46	29	14	11	15	31	18	57
45 to 54 years	439	73	48	63	39	36	17	9	17	15	28	34	60
55 to 64 years	410	67	49	61	51	38	17	15	10	15	23	19	45
65 years and over	666	142	73	67	72	56	32	13	10	21	39	36	105
Age not stated	10	3	1	1	0	1	1	0	0	0	1	1	1
Total	4815	744	607	663	545	466	278	140	102	134	277	281	578

DEPARTMENT OF HEALTH

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	184	58	154	46	338	104
2 years	152	27	129	20	281	47
3 years	97	9	111	7	208	16
4 years	83	9	72	8	155	17
Under 5 years	751	342	681	277	1432	619
5 to 9 years	336	33	246	38	582	71
10 to 14 years	118	12	88	25	206	37
15 to 19 years	79	20	48	18	127	38
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	264	186	175	122	439	308
55 to 64 years	241	212	169	168	410	380
65 years and over	308	376	358	437	666	813
Age not stated	4	0	6	0	10	0
Total	2647	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	0
1 year	38	1	0	0	1	0	1	1	10	13	9	1	1
2 years	48	0	0	1	0	0	0	3	6	19	9	7	3
3 years	44	0	0	0	0	1	0	1	10	19	10	1	2
4 years	36	0	0	1	1	0	0	4	7	19	3	1	0
Under 5 years	180	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	0	2	2	2	4	20	37	17	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	0	1	1	4	3	0	0
25 to 34 years	15	1	0	0	0	0	0	0	1	6	3	2	2
35 to 44 years	3	0	0	0	0	0	0	0	0	1	1	1	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	0	1	0	0	0
Total	512	2	1	3	5	3	5	17	110	224	97	30	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	16	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	1
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

LOCAL HEALTH ADMINISTRATION

41

REPORTED CASES OF SCARLET 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	28	4	4	5	3	2	5	1	0	0	1	2	1
1 year	83	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	38
4 years	399	43	43	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	289
10 to 14 years	1087	114	115	158	148	182	96	28	16	29	48	54	90
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	1	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	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	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	1	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	0	1	0	0	0	0	0
55 to 64 years	2	0	0	0	0	0	1	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	1	1	2	1	0	2

DEPARTMENT OF HEALTH

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	0	0	1	1	0	0
25 to 34 years	5	1	0	0	1	0	1	0	0	1	0	1	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	0	0	1	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

LOCAL HEALTH ADMINISTRATION

43

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
1 year	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
3 years	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
Under 5 years	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
10 to 14 years	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
20 to 24 years	4	2	0	0	0	0	0	0	0	0	1	1
25 to 34 years	3	0	0	1	1	0	0	0	0	0	1	0
35 to 44 years	2	0	0	0	1	0	0	0	0	0	1	0
45 to 54 years	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	1	0
65 years and over	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
Total	12	2	0	3	2	0	0	0	0	0	2	3

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	1	0	3	0	4	0
25 to 34 years	0	0	3	1	3	1
35 to 44 years	1	0	1	0	2	0
45 to 54 years	0	0	0	0	0	0
55 to 64 years	0	0	2	1	2	1
65 years and over	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0
Total	3	0	9	2	12	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	0	1	2
1 year	14	0	3	0	1	4	1	0	3	1	0	0
2 years	17	2	2	1	1	0	2	3	2	0	2	1
3 years	13	0	1	1	0	1	1	2	0	0	3	3
4 years	17	2	1	2	1	2	2	1	1	1	1	2
Under 5 years	76	5	8	6	5	11	6	8	6	2	7	8
5 to 9 years	133	12	18	6	13	10	15	13	9	9	9	13
10 to 14 years	176	21	8	13	17	18	20	19	12	12	10	16
15 to 19 years	345	33	28	32	31	26	15	37	37	27	27	21
20 to 24 years	617	63	46	56	63	54	46	50	50	46	49	43
25 to 34 years	1049	77	87	114	102	99	75	91	90	75	89	90
35 to 44 years	780	83	60	71	73	65	78	66	70	48	54	60
45 to 54 years	577	44	41	61	73	55	36	48	49	41	47	38
55 to 64 years	355	28	25	34	39	38	34	29	36	23	14	29
65 years and over	173	12	12	20	20	18	14	17	18	9	16	7
Age not stated	15	1	0	3	3	2	5	0	0	0	1	0
Total	4296	379	333	416	439	396	344	378	377	292	323	325

DEPARTMENT OF HEALTH

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	8	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	148	617	244
25 to 34 years	503	198	546	241	1049	439
35 to 44 years	494	278	286	180	780	458
45 to 54 years	420	249	157	91	577	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	0	1	0	0	0	1	0	0
2 years	0	0	0	0	0	0	0	0	0	0	0	0	0
3 years	2	0	0	0	0	0	1	0	1	0	0	0	0
4 years	3	0	0	0	0	0	1	0	1	1	0	0	0
Under 5 years	7	0	0	0	0	0	3	0	2	1	1	0	0
5 to 9 years	17	3	0	0	0	2	1	1	4	3	1	0	2
10 to 14 years	31	4	0	3	1	0	2	0	9	5	5	0	2
15 to 19 years	31	2	3	2	1	3	2	1	5	4	4	4	0
20 to 24 years	22	0	0	1	1	0	2	1	6	3	1	5	2
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	1	0	0	1	3	0	1	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	3	10	5	10	14	8	39	36	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	1	0	2	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

LOCAL HEALTH ADMINISTRATION

45

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	0	1	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	0	1	0	2	0	2	2
45 to 54 years	5	0	0	0	1	0	0	1	0	2	1	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	3	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	26	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	86	91	89	66	85	65	34	31	43	52
1 year	955	96	99	97	108	107	84	100	77	45	55	43	44
2 years	1291	130	122	173	145	139	117	123	102	64	49	56	71
3 years	1474	150	145	170	161	177	130	152	104	79	71	71	64
4 years	1556	173	152	161	171	170	145	195	101	52	77	78	81
Under 5 years	6077	624	602	687	676	682	542	655	449	274	283	291	312
5 to 9 years	6138	710	762	901	736	783	510	426	212	181	253	353	308
10 to 14 years	555	63	65	69	73	81	38	46	22	23	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	52	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	1	0	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	698	486	568	679	658

DEPARTMENT OF HEALTH

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	28	382	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	775	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	25	0	35	0	60	0
20 to 24 years	7	0	14	0	21	0
25 to 34 years	14	0	38	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

LOCAL HEALTH ADMINISTRATION

47

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

COUNTIES	CHICKENPOX			DIPHTHERIA				
	Cases	Cases per 100,000 Population	Deaths	Cases	Cases per 100,000 Population	Deaths	Deaths per 100,000 Population	Percent Fatality
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	11.08	0	....	....
Essex	5635	637.51	0	33	3.73	2	0.22	6.06
Gloucester	74	96.10	0	8	10.39	1	1.30	12.50
Hudson	724	102.29	2	385	54.39	17	2.40	4.41
Hunterdon	40	113.68	0	2	5.68	0	....	....
Mercer	371	190.55	0	24	12.32	3	1.54	12.50
Middlesex	323	142.92	0	38	16.81	2	0.88	5.28
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	245.86	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	328.87	0	3	10.49	0	....	....
Union	1721	514.95	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	5.86

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	2	0
Cape May	0	0	0	0	0	0	0	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

DEPARTMENT OF HEALTH

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

COUNTIES	INFLUENZA				PNEUMONIA			
	Cases	Cases per	Deaths	Deaths per	Cases	Cases per	Deaths	Deaths per
		100,000		100,000		100,000		100,000
		Population		Population		Population		Population
Atlantic	14	10.28	29	21.30	85	62.45	103	75.68
Bergen	77	18.88	27	6.62	440	107.89	189	46.34
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	55.90	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	36.36	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	14.89	14	7.19	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	186	117.05	89	56.01
Morris	12	10.16	5	4.23	139	117.69	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	Cases per	Deaths	Deaths per	Cases	Cases per	Deaths per	Percent Fatality
		100,000				100,000	100,000	
		Population		Population		Population	Population	
Atlantic	0	....	0	0	0	....	0	....
Bergen	1	0.24	0	13	3.18	5	1.22	38.46
Burlington	2	2.06	0	2	2.06	2	2.06	100.00
Camden	133	49.37	1	5	1.85	3	1.11	60.00
Cape May	0	....	0	2	6.21	0	....	....
Cumberland	0	....	0	0	....	0	....	....
Essex	4	0.45	1	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	0.63	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	2	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

LOCAL HEALTH ADMINISTRATION

49

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

COUNTIES	MEASLES					GERMAN MEASLES		
	Cases	Cases per 100,000 Population	Deaths	Deaths per 100,000 Population	Percent Fatality	Cases	Cases per 100,000 Population	Deaths
Atlantic	102	74.94	0	....	....	101	74.21	0
Bergen	5997	1470.57	4	0.98	0.06	2872	704.28	0
Burlington	241	248.96	0	....	....	186	192.15	0
Camden	56	20.78	0	....	....	68	25.24	0
Cape May	18	55.90	0	....	....	5	15.52	0
Cumberland	31	42.93	0	....	....	42	58.17	0
Essex	11938	1350.60	12	1.35	0.10	2656	300.48	1
Gloucester	16	20.78	0	....	....	45	58.44	0
Hudson	4999	706.27	27	3.81	0.54	479	67.67	0
Hunterdon	73	207.38	0	....	....	63	178.97	0
Mercer	259	133.02	0	....	....	1195	613.76	0
Middlesex	985	435.84	3	1.32	0.30	49	21.68	0
Monmouth	1088	684.70	1	0.63	0.09	1961	1234.11	0
Morris	233	197.29	0	....	....	187	158.34	0
Ocean	68	183.36	0	....	....	29	80.33	0
Passaic	3541	1127.70	4	1.27	0.11	416	132.48	0
Salem	40	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	0.11	503	150.42	0
Warren	14	27.72	0	....	....	27	53.46	0
State	33516	781.80	55	1.28	0.16	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 Population	Deaths	Deaths per 100,000 Population	Cases	Cases per 100,000 Population	Deaths	Deaths per 100,000 Population
Atlantic	5	3.67	0	....	178	130.78	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	159.98	0	....
Cape May	1	3.10	0	....	35	108.69	0	....
Cumberland	2	2.77	0	....	38	52.63	0	....
Essex	120	13.57	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	157.96	2	0.88
Monmouth	30	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	89.81	1	0.32
Salem	2	5.42	0	....	34	92.14	0	....
Somerset	15	21.49	2	2.86	47	67.33	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

DEPARTMENT OF HEALTH

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	85.96	70	51.43	59.83
Bergen	0	...	0	...	258	63.26	158	38.74	61.24
Burlington	0	...	0	...	80	82.64	47	48.55	58.75
Camden	0	...	0	...	366	135.85	131	48.62	35.79
Cape May	0	...	0	...	10	31.05	8	24.84	80.00
Cumberland ..	0	...	0	...	48	66.48	29	40.16	60.41
Essex	0	...	0	...	1025	115.96	513	58.04	50.05
Gloucester	0	...	0	...	58	75.32	36	46.75	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	35.46
Ocean	0	...	0	...	29	80.33	15	41.55	51.72
Passaic	0	...	0	...	306	97.45	139	44.26	45.42
Salem	0	...	0	...	26	70.46	20	54.20	76.92
Somerset	0	...	0	...	100	143.26	40	57.90	40.00
Sussex	0	...	0	...	18	62.93	8	27.97	44.44
Union	0	...	0	...	291	87.02	153	45.75	52.57
Warren	0	...	0	...	31	61.88	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	...	294	303.72	0	...
Camden	30	11.13	3	1.11	377	139.94	4	1.48
Cape May	5	15.52	2	6.21	53	164.59	2	6.21
Cumberland	5	6.92	0	...	72	99.72	7	9.69
Essex	29	3.28	1	0.11	5837	660.37	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	68.53	7	3.09
Monmouth	10	6.29	2	1.26	445	280.05	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	7.16	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	12988	302.96	98	2.28

LOCAL HEALTH ADMINISTRATION

51

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	0	1	1	0	0	1	3	1
Hudson	163	0	8	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	0	3	2	0
Monmouth	77	0	7	0	0	0	0	0	0	0
Morris	477	1	2	1	5	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	327	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
Tularemia	3	1	1	0	4	1
Typhus Fever	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.

DEPARTMENT OF HEALTH

No. 1

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

<i>Character of Projects</i>	<i>Number of Projects</i>	<i>Number of Applying Municipalities, Commissions or Companies</i>	<i>Number of Plans</i>	<i>Engineers' Estimates of Cost</i>
<i>Sewage:</i>				
Trunk, sub-trunk, relief and intercept- ing 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 addi- tions 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

BUREAU OF ENGINEERING

55

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	Pequannock 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

BUREAU OF ENGINEERING

57

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> ,		On Bill, &c. Final Decree.
<i>Defendants.</i>		

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.

ISIAH MATLACK,
Solicitor Borough of Interlaken.

VINCENT P. KEUPER,
Solicitor Ocean Township, et als

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

BUREAU OF ENGINEERING

59

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

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

BUREAU OF ENGINEERING

65

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
Allenhurst	Monmouth	1.20	Rapid sand filtration (pressure) lime treatment	0.12
Asbury Park	Monmouth	2.20	Aeration and rapid sand filtration (pressure)	0.10
Atlantic Highlands	Monmouth	4.25	Aeration and rapid sand filtration (pressure)	0.25
Avon	Monmouth	1 well 7.20 2 wells 0.40	Rapid sand filtration (pressure)	0.20
Chester Township	Burlington	7.5	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	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
Hightstown	Mercer	1.6	Rapid sand filtration (pressure) and lime	0.35
Ideal Beach	Monmouth	17.5	Aeration and rapid sand filtration (gravity)	0.25
Keansburg	Monmouth	10.0	Aeration, lime and rapid sand filtration (pressure)	0.25
Keyport	Monmouth	3.3	Aeration and slow sand filtration	0.15
Long Beach	Ocean	1.5	Aeration and rapid sand filtration (pressure)	0.15
Matawan	Monmouth	6.0	Aeration and slow sand filtration	0.10
Merchantville	Camden	1.9	Aeration and rapid sand filtration (pressure)	0.20
Moorestown	Burlington	2.8	Aeration, sedimentation, rapid sand filtration (pressure) and lime	0.20
Mount Holly	Burlington	2.6	Aeration, rapid sand filtration (gravity) and lime	0.30
Pennsgrove	Salem	18.0	Aeration, sedimentation and rapid sand filtration (gravity)	0.15
Perth Amboy	Middlesex	1.8	lime treatment and rapid sand filtration (pressure)	0.40
Red Bank	Monmouth	2.5	Aeration, sedimentation and rapid sand filtration (pressure)	0.20
Seaside Park	Ocean	0.8	Aeration and rapid sand filtration (gravity)	0.10
Smithville	Burlington	2.6	Aeration and rapid sand filtration (pressure)	0.25
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	Monmouth Memorial Hospital Association	Monmouth Consolidated Water Company	Deep Well	1—4"
West Orange	Montclair Golf Club	Commonwealth Water Company	Well	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:

	<i>Number of Applicants, Oct., 1935</i>	<i>Number of Applicants, April, 1936</i>	<i>Number of Applicants Accepted, Oct., 1935</i>	<i>Number of Applicants Accepted, April, 1936</i>	<i>Number of Applicants Examined, Oct., 1935</i>	<i>Number of Applicants Examined, April, 1936</i>	<i>Number of Licenses Issued, Oct., 1935</i>	<i>Number of Licenses Issued, April, 1936</i>
<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.

BUREAU OF ENGINEERING

71

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 Richfield Oil Company of California Socony Oil Company, Inc. Pennsylvania Shipping Company Pan American Foreign Corp. Malay Steamship Company Boat Owning & Operating 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 States 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.	Sinclair Navigation Company

Freehold	Municipality	Central Railroad Company of New Jersey
Weehawken	Hackensack Water Company	New York Central Railroad Company New York, Ontario & Western Railroad Company
Dumont	Hackensack Water Company	New York Central Railroad Company
Rutherford	Hackensack Water Company	Lake Tankers Corporation
Edgewater	Hackensack Water Company	Ford Motor Company Erie & 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 Mescock Steamboat Corporation 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 Sword Steamship Company Standard Shipping Company Petroleum Navigation Company Pan American Foreign Corporation
Carteret	Middlesex Water Company	Pennsylvania-Reading Seashore Lines
Millville	Millville Water Company	

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

BUREAU OF ENGINEERING

75

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

Key to Treatment Processes: I=Iron Removal P=Purification				
a=aeration am=ammoniation cl=chlorination d=activated carbon l=lime ps=prolonged storage s=sedimentation				
c=coagulation, with b=alum l=lime n=soda ash i=iron salts f=filtration, by p=pressure rs=rapid sand, or, ss=slow sand				
NAME OF SUPPLY, OWNER, AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	OTHER SOURCES AVAILABLE FOR EMERGENCY	TREATMENT (SEE KEY)	PREVIOUS NAMES OF SUPPLY
Allendale (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-cbn, s, frs, cl	
Andover (Municipality)	1 driven well, 43' 8"		None	
Ashbury Park (Municipality) (Neptune Twp., part)	3 driven wells, 1,132'	1 repaired well, 1,000'	I-a, s, fp	
Association of Property Owners (Gillette Section of Passaic Twp.)	1 driven well, 410'		None	Gillette Water Company and Mutual Realty Company
Atlantic City (Municipality)	13 driven wells, 100-675'; im- pounding reservoir on Ab- secon Creek		P-cl a (part)	
Atlantic County Water Company (Absecon) (Linwood) (Northfield) (Pleasantville) (Somers Point)	2 driven wells, 118' at Somers Point 2 driven wells, 125' at Pleasantville	Bargaintown Pond at Pleasantville	P-ps, cl for emergency supply	
Atlantic Highlands (Municipality) (Middletown Twp., part)	2 driven wells, 120-593'		I-a, fp	

Avalon (Municipality)	1 driven well, 925'	2 driven wells, 950'	P-cl (part)
Avon (Municipality)	2 driven wells, 510'	1 driven well, 1,150'	None for regular source I-a, fp for emergency
Barnegat City (Municipality)	1 driven well, 510'		None
Barnegat Water Company (Barnegat Section of Union Twp.)	2 driven wells, 150-152'		None
Bartley, 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)	Buys water from Clinton Water and Water Supply Company		
Belmar (Municipality) (South Belmar) (Wall Twp., West Belmar Section)	10 driven wells, 650'		None
Berlin (Municipality) (Berlin Twp., part)	4 driven wells, 76-366'		None
Bernards Water Company (Bernardsville) (Bernards Twp., Basking Ridge Section)	Passaic River (Osborne's Pond)		P-cbl, s, frs and ss, cl, am
Blackwood Water Company (Gloucester Twp., Blackwood Section)	1 driven well, 399'	2 driven wells, 85'	P-cl
Blair Water Company (Blairstown)	2 driven wells, 300'		P-cl
Bloombsbury (Municipality)	Mountain Springs	Musconetcong River	P-cb, s, fp, 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
Bogota Water Company (Bogota)	1 driven well, 180'		None	
Boonton (Municipality) (Boonton Twp., part)	Stony Brook 2 driven wells, 38-43'		P-am, cl	United Water Supply Com- pany
Bordentown (Municipality) (Bordentown Twp., part) (Sells water to White Horse Water Company)	26 wells, 15 springs; 37 catch basins and manholes on lines		P-cl	
Bound Brook Water Company (Bound Brook) (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-cbd (n—if necessary), s, .fp, l, am, cl	
Branchville (Municipality)	Dry Brook—Spring overflows	Spring Brook Pond	P-cl, am	
Bridgeton (Municipality)	West Branch of Cohansey River	Buys water from Fairbanks- Morse Water Company	P-cl, cbl, am, sm, frs, cl	
Bridgeport Water Company (Bridgeport)	1 driven well, 41'	2 driven wells, 40'	None	
Brielle (Municipality)	1 driven well, 100'		None	
Brigantine City (Municipality)	1 driven well, 829'	1 driven well, 785'	None	
Brooklawn (Municipality) (Crescent Park Section of Bellmawr)	2 driven wells, 152-165'		None	
Browns Mills Land Company, The (Pemberton Twp., Browns Mills Section)	2 driven wells, 225-300'		None	
Buckhorn Springs Water Company (Belvidere)	Buckhorn Creek 2 driven wells, 81-92'		P-am, cl (surface)	Belvidere Water Company

Burlington (Municipality) (Springside Section of Burlington Township) (Burlington Twp., part)	Delaware River		cl, am P, cb (n—if necessary), s, frs, cl	
Butler (Municipality) (Bloomingdale) (Pompton Lakes) (Riverdale) (Wanaque)	Apshawa and Kikeout Brooks		P, am, cl	Butler Water Company Mountain Service Water Company New Jersey Water Service Company
Califon Water Company (Califon)	3 springs		P-cl	
Camden (Municipality)	9 driven wells at Morris Station 11 driven wells in city 5 driven wells at Puchack Station	105 driven wells at Delair Station	None	
Camp Meeting Association of Newark Conference, M. E. (Hanover Twp., Mt. Tabor Section)	1 spring 2 wells, 20-24'		P-cl	
Cape May (Municipality) (South Cape May) (West Cape May) (Lower Twp., part)	13 driven wells, 30-312'		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, 110-129'		I + P-l, a, s, fp, cl	Maple Shade Water Company
Clayton (Municipality)	1 driven well, 100'		I-a, n	Clayton-Glassboro Water Company
Clementon (Municipality) (Lindenwold) (Pine Hill)	6 driven wells, 165-24'		None	

TABLE No. 12—DISCRIPTIVE 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
Cliffwood Beach Company, Inc. (Matawan Twp., Cliffwood Beach Section)	Buys water from Laurence Harbor Heights Company			
Clinton Water and Water Supply Company (Clinton) (Clinton Twp., Annandale Section) (Sells water to Beaver Brook Water Co., supplying Lebanon)	Beaver Brook 1 driven well, 1,197'		P-cl, am	
Clymer Springs Water Company (Riegelsville, Pa.) (Pohatcong Twp., Riegelsville Section)	Springs	1 dug well	None	Miss Valeria Clymer
Coast and Inland Development Company (Dover Twp., Normandy Beach Section)	Driven well, 1,038'		None	Normandy Beach Water Company
Collingswood (Municipality) (Haddon Twp., part) (Woodlynne)	3 driven wells, 297-337'		P, a, ci	
Colonial Manor Water Company (W. Deptford Twp., Colonial Manor Section)	1 driven well, 140'		None	
Columbus Water Company (Columbus Section of Mansfield Twp.)	2 driven wells, 220-225'	1 driven well, 230'	None	

<p>Commonwealth Water Company (Summit, part) (Hillside Twp., part) (Irvington) (Livingston Twp.) (Maplewood Twp.) (Millburn Twp.) (New Providence Boro.) (Passaic Twp.) (New Providence Twp.) (Springfield Twp., part) (Union Twp., part) (West Orange) (Sells water to Elizabethtown Water Co. Consolidated)</p>	<p>Canoe Brook Station: 16 driven wells, 105-379' Canoe Brook impounded reservoir Baltusrol Station: 6 driven wells, 200-300' Infiltration Galleries Short Hills Station: 2 driven wells, 76-84'</p>	<p>Millington wells</p>	<p>Canoe Brook Station: Wells P-cl Surface P-ps, cb, s, frs, cl Baltusrol Station: P-cl Short Hills Station: P-cl None None None None I + P, a, l, cl None None None</p>
<p>Cook, H. A. Estate (Dutch Neck Section of West Windsor Twp.)</p>	<p>3 wells, 30'</p>		
<p>Comp, C. A. (Yardville and Yardville Heights Sections of Hamilton Twp.)</p>	<p>2 springs at Yardville 2 Springs at Yardville Hts.</p>		
<p>Corson's Inlet Water Company (Village of Strathmere, Ludlams Beach Section of Upper Twp.)</p>	<p>1 driven well, 840'</p>		
<p>Cozy Lake, Inc. (Jefferson Twp.)</p>	<p>1 driven well, 63'</p>		
<p>Cranbury Water Company (Cranbury)</p>	<p>2 driven wells, 104-267'</p>		
<p>Crane Company, Arthur D. (Lake Mohawk, Section of Sparta Twp.) (Lake Mohawk Section of Byram Twp.)</p>	<p>4 driven wells, 28-72'</p>		
<p>Cranmer, Pearl E. (White Horse Section of Hamilton Twp.)</p>	<p>1 driven well, 75'</p>		
<p>Cresmont Realty Company (Cresmont Park Section of Ewing Twp.)</p>	<p>1 driven well, 165'</p>		

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
Crosswicks Water Company (Crosswicks Section of Chesterfield Twp.)	Spring Collecting Drains		None	
Delaware River Water Company (Beverly) (Delanco Twp.) (Edgewater Park Twp.) (Riverside Twp.)	13 driven wells, 75-80'		P-cl	
Denville Twp. (Municipality)	2 driven wells, 147-150'		None	
Dover (Municipality)	3 driven wells, 67-200' Springs		P-cl (am for springs)	
Dugan, Edward J. and Laura (Sparta)	1 spring		None	Dr. H. T. Andres A. Foulds
E. I. du Pont de Nemours and Co. (Huckell Section of Wanaque)	2 wells, 25-30'		None	
E. I. du Pont de Nemours and Co. (Deepwater Village and Carney's Point 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, 206'		None	
East Orange (Municipality)	12 driven wells, 125-300'		None	
Egg Harbor City (Municipality) (Galloway Twp., part)	2 driven wells, 410-440'		I ± P-a, s, fp, cl	

Eichler, August (East Greenwich Twp., part) (Mickleton Section)	1 driven well, 176'		None	
Elizabethtown Water Company Consolidated (Clark Twp.) (Dunellen) (Elizabeth, part) (Hillside Twp.) (Linden) (Union Twp.)	Millstone or Raritan River Hannock Station: 56 driven wells, 100-500' Springfield Station: 54 driven wells, 135-700' Piscataway Station: 13 driven wells, 125' Watchung Station: 8 driven wells, 125-210'		Surface: P-cl, am, s, cb, s (l—if necessary), d, frs, cl Wells: all stations P-cl	Watchung Water Company (part of present supply)
Elmer Water Company (Elmer)	2 driven wells, 62-73'	1 driven well (old)	None	
Essex Fells (Municipality) (Caldwell) (North Caldwell) (West Caldwell) (Verona) (Roseland)	11 driven wells, 36-295'		P-cl	
Evans, Charles N. (Lincoln Park, Hill Section)	3 driven wells, 49-250'		None	
Fairbanks-Morse Company (Bridgeton)	2 driven wells, 70-95'		a-(CO ₂ removal)	
Fairlawn (Municipality)	5 driven wells, 310-325'		P-cl	
Farmingdale (Municipality) (Howell Twp., part)	1 driven well, 480'		None	West Monmouth Water Company
Flemington Water Company (Raritan Twp., part)	2 driven wells, 405' 4 springs South Branch of Raritan River	1 driven well	P-(cl springs) (cb, frs, cl, surface)	
Florence Twp. (Municipality)	2 driven wells, 118-124'		P-a, cl	
Florham Park (Municipality) (E. Hanover Twp., part)	2 driven wells, 46'		None	
Fortescue Water Company (Fortescue Section of Downe 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, OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	OTHER SOURCES AVAILABLE FOR 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, am	New Jersey Zinc Company
Freehold (Municipality)	9 driven wells, 200'		None	
Frenchtown Water Company (Frenchtown)	1 driven well, 286'		P-cl	
Garfield (Municipality) (East Paterson) (Saddle River Twp.)	15 driven wells, 350-400'		P-cl	
Garrison, Capt. Herbert (Portescue)	1 driven well, 285'		None	Hundermark Hotel Corp.
Glassboro (Municipality)	1 driven well, 654'		P-cl	Clayton-Glassboro Water Company
Glen Gardner Water Company (Glen Gardner)	Springs		None	
Gloucester (Municipality)	7 driven wells, 91-180'		I + P-a, s, fp, cl	
Gold Mine Manor Water Company (Gold Mine Manor Section of Budd Lake)	2 springs		P-cl	
Gravity Water Supply Company (Far Hills) (Bedminster)	Buys water from Gladstone- Peapack			
Greenwich Twp. (Municipality) (Gibbstown Section)	1 driven well, 100'		P-cl (emergency)	
Grenloch Water Company (Grenloch Section of Gloucester Twp.)	2 driven wells, 160'		P-cl	Bateman Manufacturing Company Grenloch Realty Company Bateman & Company, Inc. Grenloch Real Estate Company

Gropp, Andrew (White Horse Section of Hamilton Twp.)	1 driven well, 53'	None
Hackensack Water Company (New Milford) (Alpine) (Bergenfield) (Bogota) (Carlstadt) (Cliffside Park) (Closter) (Cresskill) (Demarest) (Dumont) (East Rutherford) (Edgewater) (Emerson) (Englewood) (Englewood Cliffs) (Fairview) (Fort Lee) (Guttenberg) (Hackensack) (Harrington Park) (Hasbrouck Heights) (Haworth) (Hillsdale) (Leonia) (Little Ferry) (Lodi Township) (Lodi Borough) (Maywood) (Moonachie) (North Bergen) (Northvale) (Norwood) (Oradell) (Palisades Park) (Paramus) (Ridgefield) (Ridgefield Park) (River Edge) (Rivervale) (Rochelle Park Twp.) (Rutherford) (Secaucus) (Teaneck) (Teterboro)	Hackensack River	P-cl, cb, d, s, frs, l, 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
Hackensack Water Company—Con. (Tenafly) (Union City) (Washington Twp.) (Weehawken) (Westwood) (West New York) (Woodcliff Lake) (Wood-Ridge)				
Hackettstown (Municipality) (Independence Twp., part) (Washington Twp., part)	Mine Brook Mine Hill Brook Spring		P-cl	
Haddonfield (Municipality) (Tavistock)	4 driven wells, 218-268'	1 driven well, 218'	a	
Haledon (Municipality) (North Haledon) (Paterson, part) (Wayne Twp., part)	Tributary of Passaic River		P-ps, cl, cb, d, s, frs, am, cl	
Hamburg (Municipality)	3 driven wells, 68-103'		P-cl	
Hamilton Square Water Company (Hamilton Twp., Hamilton Square Section)	3 driven wells, 130-217'		None	
Hammonton (Municipality)	3 driven wells, 313-320'		None	
Harvey Cedars (Municipality)	2 driven wells, 350-500'		None	
Hanover Water Company (Wrightstown)	2 driven wells, 140-341'		None	Wrightstown Water, Electric Light and Sewer Company
Hawthorne (Municipality) (Wyckoff Twp., part) (Glen Rock, part)	10 driven wells, 350'		P-cl (emergency)	
Helme Company, Geo. W. (Helmetta)	1 dug well, 26' 1 tube well, 86'	1 dug well		

Hendershot, J. Blair (Sparta)	Spring		None	D. K. sher
High Bridge (Municipality) (Taylor 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, 165-650'		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, 248-251'		None	
Hulse, Estate of Aaron S. (Budd Lake Section of Mt. Olive Twp.)	1 driven well, 224'		None	
Ideal Beach Water Company (East Keansburg)	2 driven wells, 160-165'		I-a, f, ss	
Irvington (Municipality)	2 driven wells (auxiliary supply)		None	
Island Heights (Municipal)	2 driven wells, 365'		a	
Jamesburg Water Company (Jamesburg)	5 driven wells, 70-128'		None	
Jersey City (Municipality) (North Caldwell, part) (Clifton, part) (Hoboken) (Lyndhurst Twp.) (North Arlington Twp.) (Ellis Island, N. Y. Harbor) (Fort Wood, Liberty Island) (Bayonne, in emergency)	Rockaway River		P-ps, cl	
Junction Water Company (Hampton)	Rocky Run, 12 springs and 1 driven well, 327'		P-cl	
Keansburg (Municipality)	2 driven wells, 354'		I-a, l, fp	Keansburg Water Company
Keyport (Municipality)	4 driven wells, 240-296'	4 driven wells	I-a, frs	

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
Kingston Water Company (Franklin Twp., Kingston Section)	1 driven well, 83		P-cl	Wm. J. Flemer
Lakehurst (Municipality)	1' shallow well, 40'	1 driven well, 1,020'	None	Lakehurst Sewer Company
Lakeside Water Company (Kirkwood Section of Voorhees Twp.)	Buys water from Laurel Springs Water Company			
Lakewood Water Company (Lakewood) (Howell Twp., part)	Springs (Infiltration Gallery) 2 driven wells, 615'	4 shallow wells 1 driven well, 615'	P-cl (all except 1 well)	
Lakeview Heights Water Company (Washington Twp., Lakeview Heights Section)	1 driven well, 183'		P-cl	
Lambertville Water Company (Lambertville)	Swan Creek		P-ps, fss, cl, am	
Laurel Springs Water Company (Gibbsboro) (Hi Nella) (Laurel Springs) (Lawnside) (Lindenwold) (Magnolia) (Somerdale) (Stratford)	6 driven wells, 96-135'	2 driven wells	P-cl	
(Sells water to Lakeside Water Company for distribution at Kirk- wood)				
Laurence Harbor Heights Company (Madison Twp., Laurence Harbor and Morgan Beach Sections)	Buys water from Borough of Sayreville			
(Supplies water to Cliffwood Beach Water Company)				

Lavallette (Municipality)	2 driven wells, 1,136-1,522'	P-cl	
Lawrenceville Water Company (Lawrence Twp., Lawrenceville Section)	2 driven wells, 110-230'	P-cl	
Lincoln Park Water Company (Lincoln Park, part)	1 driven well, 134'	None	
Lodi (Municipality)	5 driven wells, 304-332'	None	
Long Beach Water Company	2 driven wells, 617-640' at Beach Haven Terrace	1 driven well, 576' at Brant 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, 850'	None
Long Valley Water Company (Washington Twp., Long Valley Section)	Spring fields and underdrains	P-cl	German Valley Water Company
Lopatecong Water Company (Phillipsburg, part) (Harmony Twp.) (Lopatecong Twp.)	Merrill Brook	P-cl	
Lumberton Light, Water and Sewer- age Company (Lumberton Twp.)	1 driven well, 404'	None	
Madison (Municipality)	11 driven wells, 86-160'	None	
Mahwah Water Company (Hohokus Twp., Mahwah Section)	7 driven wells, 36-655'	None	Cragmere Water Company
Manasquan (Municipality) (Brielle) (Wall Twp., part)	6 driven wells, 50-150'	None	
Mantua Water Company (Mantua Twp.)	2 driven wells, 204-206'	P-cl	Job Scott Supply
Manville (Municipality)	7 driven wells, 110-125'	P-cl	
Margate City (Municipality) (Longport)	3 driven wells, 815'	None	

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
Marlton Water Company (Marlton)	2 driven wells, 212-237'		None	
Matawan (Municipality)	3 driven wells, 200-325'		I-a, fss	
Mays Landing (Municipality)	1 driven well, 215'	2 driven wells, 211-243'	None	
Mays Landing Water Power Company (Mays Landing Section of Hamilton Twp.)	4 driven wells, 160-176'	Lake Lenape	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, 175-225'		None	
Medford Water Company (Medford Twp.)	1 driven well, 538'	Rancocas Creek	P-cl (for emergency supply)	
Mendham (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 Commission (Merchantville) (Pennsauken Twp., part) (Delaware Twp., part) (Camden, part)	13 driven wells, 75-227'	3 driven wells	I-a, f;	Merchantville Water Company

Middlesex Water Company (Woodbridge Twp.) (Carteret) (Clark Twp.) (Metuchen) (Raritan Twp.) (South Plainfield) (Sells water to Plainfield Union Water Company) (Buys water from Perth Amboy)	17 driven wells, 300' deep at Park Ave., Plainfield 11 driven wells, 300' deep at South Plainfield Robinson's Branch of Rahway River at Rahway		P-cl (well supplies) P-ch, s, frs, cl	
Millville (Municipality)	9 driven wells, 106'		None	Peoples Water Company
Millville Water Company (Millville)	Union Lake (Maurice River) 5 driven wells, 135-400'	2 driven wells	P-chn, s, frs, cl for surface supply	
Milford (Municipality)	1 driven well, 96' 1 circular well, 20 x 15.5'		P-cl	Mine Springs Water Company
Monmouth Consolidated Water Company (Asbury Park, part) (Neptune Twp.) (Bradley Beach) (Deal) (Eatontown) (Fair Haven) (Interlaken) (Little Silver) (Long Branch) (Monmouth Beach) (Middletown Twp.) (Neptune City) (Ocean Grove) (Ocean Twp.) (Oceanport) (Red Bank, part) (Rumson) (Sea Bright) (Shrewsbury Twp.) (West Long Branch)	Swimming River (Yellow and Hop Brooks) Impounded at Newman Springs Station Whalepond Brook Impounded at West Long Branch Station Jumping Brook Impounded at Neptune Township Station		Newman Springs Station: P-ch (1?), s, frs, cl West Long Branch Station: P-ch, s, fp, cl	Tintern Manor Water Company Monmouth County Water Company
Monroe Twp. (Municipality) (Williamstown Section)	2 driven wells, 610-981' at Whitesville Station	Shark River at Neptune Twp.	Jumping Brook Station: P-cl, cbld, s, fp, cl	
Moorestown Twp. (Municipality)	2 driven wells, 102-114'	19 driven wells, 450-650' at Ocean Grove	Whitesville Station: 1—P-a, l, s, f, cl	
	5 driven wells, 250-493'		None	Tice Supply Monroe Township Water Company
			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 AVAILABLE FOR EMERGENCY	TREATMENT (SEE KEY)	PREVIOUS NAMES OF SUPPLY
Morris and Sussex Water Service Company (Lake Rogerene Section of Mt. Arlington) (Lake Hopatcong, Hopatcong Park Section, Byram Cove)	1 driven well, 100' deep at Lake Rogerene 1 driven well, 251' deep at Hopatcong Park		None	
Morristown (Municipality) (Hanover Twp., part) (Harding Twp., part) (Morris Plains) (Mendham Twp., part)	Harmony Brook Impounded at Brookside 8 driven wells at Normandy Heights Springs at Jones Woods	1 well, 50' deep and 1 shallow well at Sand Springs Sta- tion	P-ps, l, cl, am for Brookside	Morris Aqueduct Company
Mountain Heights Water Company (Lincoln Park)	2 driven wells, 204-230'		None	
Mountain Lakes (Municipality) (Parsippany-Troy Hills Twp., part)	5 driven wells, 50-469'	Cross connected to Boonton Water Department	P-l, cl	Hillcrest Water Company
Mount Holly Water Company (Mount Holly Twp.) (Hainesport Twp., part) (Lumberton Twp., part)	2 driven wells, 340-380'	Rancocas Creek	I-a, s, frs, cl-algae control	
Mountain View Water Company (Mountain View)	1 driven well, 214'		None	
National Park (Municipality) (West Deptford Twp., Red Bank Section)	2 driven wells, 100-120'		None	
Neptunus Water Company (Cape May Court House Section of Middle Twp.)	1 driven well, 278' 2 shallow wells, 24-27'		None	Cape May Court House Water Department
Netcong (Municipality)	3 driven wells, 29-110'	Springs	None	

Newark (Municipality) (Bellevue) (Bloomfield) (Elizabeth, part) (Hillside—Sold to and distributed by Elizabethtown Water Com- pany, Cons.) (Nutley) (Packanack Lake) (Wayne Twp.)	Pegannock River and buys water from North Jersey District Water Supply Com- mission	P-ps, cl, am	
New Brunswick (Municipality) (Franklin Twp., part) (Highland Park) (Milltown) (North Brunswick Twp.)	Lawrence Brook	P-cl, a, cil, s, frs, cl, am	
New Brunswick Water Company (Raritan Twp.)	1 driven well, 200'	None	Murbeck Realty Company
New Egypt Light, Heat, Power and Water Company (Plumstead Twp., New Egypt Section)	1 driven well, 285'	P-cl	Raritan Township Water Department
New Jersey Conference Camp Meeting Association (Pitman, part) (Mantua Twp., Pitman Grove Sec- tion)	2 driven wells, 183'	P-cl	
New Jersey Water Company (Haddon Heights) (Audubon) (Bellmawr) (Barrington) (Camden, part) (Delaware Twp., part) (Haddonfield, part) (Haddon Twp., part) (Mt. Ephraim) (Oaklyn) (Pennsauken Twp., part) (Runnemede) (Voorhees Twp., Ashland Terrace Section)	Camden Division: 23 driven wells, 40-184' Haddon Heights 6 driven wells, 202-405'	Camden Division: None Haddon Heights Division: I-a, fp, for 5 of the wells	Stockton Water Company
	4 driven wells at Camden Station		

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

94

DEPARTMENT OF HEALTH

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 (East Newark) (Harrison)	Buys water from Passaic Valley Water Commission			
New Orange Park Water, Heat, Light and Power Company (Kenilworth, New Orange Park Section)	1 driven well, 275'		None	
Newton (Municipality)	Morris Lake		P-ps, cl	
Nicholas, H. R. H. (Mt. Olive Twp., Flanders Section)	Springs		None	
North Jersey District Water Supply Commission (Bayonne) (Elizabeth, part) (Glen Ridge) (Kearny) (Montclair) (Newark, part) (Passaic Valley Water Commission)	Wanaque River		P-ps, cl, am, t	
Oakland (Municipality)	2 driven wells, 85-185'		None	
Ober, Chas. C. (Newfield)	1 driven well, 28'		None	
Ocean City Water Service Company (Ocean City)	7 driven wells, 809-840'		P-cl (for 1 well)	Ocean City Water Company
Ocean County Water Company (Bay Head) (Brick Twp., part) (Mantoloking)	Bay Head District: 4 driven wells, 658-850' Mantoloking District: 3 driven wells, 700-1,000' 1 driven well, 366'	3 driven wells in Mantoloking 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 Company 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 (Bellmawr)	1 driven well, 226'		None	A. Z. Schultz
Owens Illinois Glass Company (Bridgeton)	2 driven wells, 98-108'		None	
Park Ridge (Municipality) (Montvale) (Woodcliffe Lake) (Riverdale, part)	4 driven wells, 200-502'		P-cl (for one well, No. 2)	
Parsippany Water Company (Parsippany Troy Hills Twp.)	1 driven well, 282'		None	
Passaic Valley Water Commission (Clifton) (Passaic) (Paterson, part) (Prospect Park)	Passaic River, Buys water from North Jersey District Water Supply Commission		Passaic River: P-c, s, frs + p, cl Wanaque Supply: Filtration, pressure to remove manganese and microorganisms	Montclair Water Company Passaic Consolidated Water Company
Paulsboro (Municipality)	2 driven wells, 98-105'		None	
Peapack-Gladstone (Municipality) (Bedminster Twp., part) (Far Hills, sells water to Gravity Water Supply Company)	Emmons Pond		P-cl, am	Bedminster Water Company
Pemberton (Municipality) (Pemberton Twp., part)	North Branch of Rancocas Creek		P-cl	
Pennington (Municipality)	3 driven wells, 156-657' 1' spring		P-cl	Pennington Spring Water Company
Pennsgrove Water Supply Company (Pedrickstown, Oldman Twp.) (Pennsgrove) (Upper Penn's Neck Twp., part)	3 driven wells, 141-162'		I-a, l, s, frs	
Peoples Water Company (Phillipsburg, part) (Lopatcong Twp., part) (Pohatcong Twp., part)	Infiltration chamber for springs		P-cl	

DEPARTMENT OF HEALTH

NAME OF SUPPLY, OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	OTHER SOURCES AVAILABLE FOR EMERGENCY	TREATMENT (SEE KEY)	PREVIOUS NAMES OF SUPPLY
Perth Amboy (Municipality) (E. Brunswick Twp.) (Sayreville, 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, l	
Pine Cliff Lake Realty Company (West Milford Twp.)	Notch Brook		P-cl	
Pine Crest Improvement Association (Outlook Park Section of Budd Lake)	5 covered springs		P-cl	
Pitman (Municipality)	1 driven well, 514'	12 driven wells, 150'	None	Pitman Water Company
Plainfield-Union Water Company (Plainfield) (Clark Twp., part) (Cranford Twp.) (Elizabeth, part) (Fanwood) (Garwood) (Kenilworth, part) (Linden, part) (Mountainside, part) (North Plainfield) (Piscataway Twp., part) (Roselle) (Roselle Park) (Scotch Plains Twp.) (South Plainfield, part) (Watchung) (Westfield)	16 driven wells, 250-600' at Netherwood 2 driven wells, 300' at South Plainfield	Cross-connected to 1. Hammock Station of Elizabethtown Water Co., Cons. (for Netherwood wells) 2. Park Avenue Station of Middlesex Water Co.	P-cl	

Plausha Park Land Company (Montville Twp., Towaco Section)	1 driven well, 200'		None	
Point Pleasant Beach (Municipality) (Point Pleasant)	7 driven wells, 148-152'		None	Point Pleasant Water Works Company
Pottersville Water Company (Bedminster Twp., Pottersville Sec- tion, part) (Tewksbury Twp., part)	Cold Brook, tributary of Black River		P-cl	
Princeton Bank and Trust Company (West Windsor Twp., Berrien City and Princeton Gardens Sections)	1 driven well, 198'		None	Estate of A. L. Berrien
Princeton Water Company (Princeton) (Princeton Twp., part)	5 driven wells at Stony Brook Station, 300-450' 3 driven wells at Harrison Street Station, 300-500'	3 driven wells at Stony Brook Station, 450-500'	P-cl (part)	
Property Owners Cooperative Associa- tion of Middlesex County, Inc. (Helmetta, Jamesburg Section)	1 driven well, 224		None	
Prospect Point Water Company (Prospect Point Section of Lake Hopatcong in Jefferson Twp.)	1 driven well, 369'		None	Home Colony, Inc.
Rahway (Municipality)	Rahway River		P-a, ebd, s, frs, cl, am (Cl-am algae control)	
Ramsey (Municipality)	3 driven wells, 202-419'	2 capped wells	None	
Red Bank (Municipality) (Fair Haven, part)	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)	15 driven wells, 201-413' (5 Wortendyke Station) (8 Harrison Ave. Station) (2 Wyckoff Station)	1 well at Grove Street 1 well at Linwood Avenue 1 well at Ridgewood Avenue	P-cl, part	Bergen Water Company
Remington, John C., Jr. (Fortescue Section of Downe Twp.)	1 driven well, 300'		None	H. D. Blew 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
Riddle, Frank (Hampton)	1 driven well, 64.5'		None	Warren Mfg. Company
Riegel Paper Corporation (Hughesville Plant) (Hughesville Mill, Holland Twp.)	Brook		P-cl	
Riegel Paper Corporation (Milford) (Milford Mill)	7 dug wells, 40'		P-cl	
Riegel Paper Corporation (Warren Glen, Pohatcong Twp.)	1 dug well, 22'		P-cl	
Ringwood Company, The (Awosting Section of W. Milford Twp.)	2 driven wells, 136-365' at Awosting		None	
(Lake Erskine Manor Section of Ringwood Borough)	3 driven wells, 163-505' at Lake Erskine			
Riverton-Palmyra Water Company (Riverton) (Cinnaminson Twp., part) (Palmyra)	6 driven wells and infiltration drains		a	
Rockaway (Municipality)	1 driven well, 50'	1 driven well, 65'	None	
Roebbling's Sons Company, John A. (Florence Twp., Roebbling Section)	1 driven well, 196'	Delaware River	P-c, s, frs, cl for emergency supply	
Salem (Municipality) (Quinton Twp., part)	36 driven wells, 135-250' Laurel Lake		P-cl wells P-cl, cbl, a, s, frs, cl for surface	
Sayreville (Municipality)	Buys water from South Amboy			
Sea Girt (Municipality)	2 driven wells, 160'	1 driven well, 760'	None	
Sea Isle City (Municipality)	4 driven wells, 856-875'		None	

Seaside Heights (Municipality) (Sunset Island)	1 driven well, 460'		P-cl (for emergency)	Perth Amboy Water Company
Seaside Park (Municipality)	3 driven wells, 230-530'		I-a, frs	
Sewell Water Company (Sewell)	2 driven wells, 80'		P-cl	
Ship Bottom-Beach Arlington (Municipality)	2 driven wells, 300-590'		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 Section)	3 driven wells, 50-55'	Buys water from Perth Amboy in emergency	P-cl	
South Jersey Water Supply Company (Mullica Hill)	2 driven wells, "60-265'		P-cl	Harrison Heights Improvement Company
South Orange (Municipality)	10 driven wells, 274-380'		a	
South River (Municipality) (East Brunswick Twp., part)	1 driven well, 193' 900' collecting drains, 18' deep			
Spring Lake (Municipality) (Spring Lake Heights)	11 driven wells, 100-710'		None	
Spring Water Company (Chester)	Spring		None	
Stanhope (Municipality)	2 driven wells, 80-90'		None	
Stewartsville Water Company (Stewartsville)	1 driven well, 250'		P-cl	
Stockton (Municipality)	2 driven wells, 160'		None	
Stone Harbor (Municipality)	2 driven wells, 890'		None	
Stonewald Park Association (Mt. Olive Twp., Budd Lake Section)	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		P-cl	
Swackhamer, B. B. (Long Valley Section of Washing- ton Twp.)	Springs		None	M. T. Welsh
Swedesboro (Municipality)	1 driven well, 221'		None	Woolwich Water Company
Toms River Water Company (Dover Twp., Toms River Section) (South Toms River) (Berkeley Twp., part)	5 driven wells, 43-62'		P-l, cl	
Trenton (Municipality) (Ewing Twp., part) (Hamilton Twp., part) (Lawrence Twp., part)	Delaware River		P-cl-am, cbd, frs, cl	
Tri-Corner Realty Company (Franklin Lakes)	1 driven well, 86'		None	
Trimmer, M. S. (Washington Twp.) (Long Valley, part)	Fairmount Spring on Fox Hill		P-cl	M. T. Welsh J. M. Welsh A. J. Reid
Tuckerton Railroad Company (Whitings Section of Manchester Twp.)	1 driven well, 148'		None	
Tuckerton Water Company (Tuckerton)	1 driven well, 487'	Pohatecong Lake	P-cl (for emergency)	
Union Beach (Municipality) (Barran Twp., part)	2 driven wells, 300'		I-a, l, s, fp	
Ventnor (Municipality)	7 driven wells, 800-825'		P-cl	
Vincentown Water Company (Vincentown Section of Mt. Holly Twp.)	1 driven well, 150'	Rancocas Creek (South Branch)	P-cl (for emergency)	

Vineland (Municipality) (Landis Twp., part)	3 driven wells, 150-220'	1 driven well, 136', 1 well at Kimble Glass Company	a
Waldwick (Municipality) (Hohokus Northern Section) (Saddle River, part)	3 driven wells, 275-300'		None
Wallington (Municipality)	6 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'		
Weinberg, Regina H. (Pennsville) (Lower Penns Neck Twp.)	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, 341'		P-cl
Westville (Municipality) (Deptford Twp., part) (West Deptford Twp., part)	2 driven wells, 112-118'		None
Wharton (Municipality)	Rockaway River above Stevens Brook		P-cb, cl, fp
Whippany Water Company (Hanover Township)	Buys water from Morristown		
White Horse Water Company (White Horse Section of Hamilton Twp.)	Buys water from Bordentown		
Wildermuth, Julius C. (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' (2 at Price and Jersey Sts. Station) (3 at 6th and Jersey Sts. Station) (27 at Rio Grande Station)	Wells at Wildwood and North Wildwood	P-cl (part)
			Westville Newbold Water Company
			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		P-cl	Replogle Steel Company Oxford Steel & Iron Company Warren Foundry & Pipe Corp.
Woodbine Light, Power and Water Company (Woodbine)	3 driven wells	4 driven wells	.	Woodbine Sand and Improve- ment Company Woodbine Light, Power and Water Company
Woodbury (Municipality) (Woodbury Heights) (Deptford Twp., part)	11 driven wells, 287-314'		P-a, cl, am	
Woodstown (Municipality)	1 driven well, 711'	6 old wells, along Creek	None	

BUREAU OF ENGINEERING

103

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

<i>Location</i>	<i>Owner</i>
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	Nitrites	Nitrates	Chlorine	Alkalinity	Total Hardness	Carbon Dioxide
Allendale (Municipal)	0	0	2.5	0	7.7	176	No Char	0.7	0	.008	.004	1.60	10	80	142	..
Alienhurst (Municipal)	0	0	2.0	.08	8.0	153	No Char	1.5	0	.016	0	.08	3	78	98	..
Allentown (Municipal)	0	0	2.5	.12	6.4	95	Slt. Char	0.7	.008	.320	.002	2.50	13	10	86	6
Andover (Municipal)	0	0	0	.02	7.7	203	No Char	0.1	.004	.064	.001	2.50	6	140	176	..
Asbury Park (Municipal)	5	0	5	.10	6.4	106	No Char	1.0	.016	.024	.003	.04	4	27	36	..
Association of Property Owners (Gillette)	0	0	0	0.2	..	370	.....	..	.022	.030	0	8.00	10	159	183	..
Atlantic City (Municipal)	0	0	2.5	.14	4.5	53	Slt. Char	3.6	0	.040	0	1.00	14	6	18	6
Atlantic County Water Company of New Jersey (Pleasant- ville)	0	0	2.5	0	5.4	29	No Char	0.5	0	.032	0	.12	12	4	18	..
Atlantic Highlands (Municipal)	0	0	2.0	.44	6.2	81	No Char	0.7	0	.016	0	.04	4	18	32	12
Avalon (Municipal)	0	0	2.0	0.7	7.9	356	Slt. Char	1.2	.112	.040	.096	.200	101	98	96	..
Avon (Municipal)	5	0	3.0	0	7.8	224	No Char	0.6	.088	.032	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	90	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	6.9	86	No Char	..	.024	.056	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	24	2

Beach Haven (Municipal)	0	0	2.0	0	6.5	98	No Char	0.3	0	.032	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															
Belmar (Municipal)	5	0	4	0.4	7.8	98	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	95	No Char	1.7	.008	.032	0	0.08	7	22	38	4
Blackwood Water Company (Blackwood)	10	0	0	0.18	7.7	146	No Char	1.3	.160	.048	.005	0.08	4	81	50	2.5
Blair Academy Water Department (Blairstown)	0	0	2.5	0.60	8.0	301	No Char	0.6	.040	.016	.003	0.04	7	204	258	10
Bloomsbury (Municipal)	0	0	2.5	0.04	6.3	149	No Char	0.4	.016	.048	.001	0.60	7	10	68	..
Bogota Water Company (Bogota)	0	1v	0	..	7.4	481	.....	..	0	.032	0	3.50	19	144	..	..
Boonton (Municipal)	0	2e	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	.032	.015	5.00	11	0	16	10
Bound Brook Water Company (Bound Brook)	0	0	2	0.14	7.0	121	Char	1.6	.048	.056	0	0.08	8	34	76	..
Branchville (Municipal)	20	1m	19.5	0.36	6.4	89	Char	2.6	.032	.072	.002	0.08	5	7	26	7
Bridgeton (Municipal)	0	1e	2.5	0.14	6.0	76	Char	1.7	.216	.056	0	1.10	13	26	34	4
Bridgeport Water Company (Bridgeport)	0	0	0	0.10	4.9	165	No Char	0.8	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	50	16	..
Brooklawn (Municipal)	20	0	5	0.70	7.2	159	Char	1.1	.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	Nitrites	Nitrates	Chlorine	Alkalinity	Total Hardness	Carbon Dioxide
Browns Mills Land Company (Browns Mills)	5	0	0	0.20	7.9	...	.....	1.6	.192	.032	.001	0	4	90	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	5
Burlington (Municipal)	5	0	0	0.5	6.7	77	.....	..	.064	.032	.001	0.60	7	9	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	.009	2.50	10	20	44	37
Camp Meeting Association of Newark Conference, M. E. (Mt. Tabor)	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	.160	.056	.001	0.04	43	90	82	..
Cape May Point (Municipal) ..	0	0	0	0.2	7.9	1,466	Slt. Char	5.0	.768	.064	.090	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	256	No Char	0.7	.608	.016	.002	0.60	8	55	102	..
Chester Township (Municipal) (Maple Shade)	200	0	100	3.50	6.6	93	Slt. Char	0.9	.064	.056	.001	0.08	4	41	48	12
Clayton (Municipal)	0	0	0	0.14	6.2	168	No Char	1.0	.024	.040	.003	7.00	17	8	30	22
Clementon (Municipal)	10	0	5	0.20	7.7	154	No Char	0.7	.040	.024	.001	0.04	4	70	78	3

Cliffwood Beach Company, Inc. (Cliffwood Beach)	Buy, water from Laurence Harbor Heights Company																
Clinton Water and Water Supply Company (Clinton) ..	5	0	0	0	7.1	354	No Char	..	.080	.096	.018	4.00	19	136	113	3	
Clymers Spring Water Com- pany (Riegelsville)	0	0	0	0.4	6.4	219	No Char	1.4	.008	.040	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	1.60	76	146	32	0	
Collingswood (Municipal)	10	0	8	0.3	7.3	126	No Char	1.1	.048	.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	0	.032	.003	0.04	2	81	86	5	
Commonwealth Water Com- pany (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	.003	5.00	15	8	36	24	
Corson's Inlet Water Company (Strathmere)	0	0	2.0	0.10	7.7	156	No Char	1.0	.080	.032	0	0.04	16	74	38	5	
Cozy Lake, Inc. (Jefferson Township)	0	2e	0	0.10	..	88	Slt. Char	..	.016	.032	.001	0.08	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	
Cranmer, Pearl E. (White Horse)	0	0	0	0.9	6.1	63	No Char	0.8	.032	.048	0	5.00	9	2	19	18	
Crestmont Realty Company (Ewing Township)	0	0	0	0.20	6.9	127	No Char	0.5	0	.032	0	3.00	6	49	66	4	
Crosswicks Water Company (Crosswicks)	30	0	5	0.10	..	89	No Char	..	0	.048	.008	5.00	..	6	..	..
Delaware River Water Company (Beverly)	0	Cl.	0	0	6.2	162	No Char	0.9	.072	.048	.001	9.00	22	22	56	37	
Denville Township (Municipal)	0	0	2.5	0	7.7	124	No Char	1.1	0	.004	.003	0.02	5	82	112	5	

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	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	0.60	10	109	104	..
Dugan, Edw. J. (Sparta)	0	0	2.5	0	7.6	203	No Char	0.7	0	.016	.003	0.40	4	160	200	5
Du Pont Company (Haskell) ..	0	0	0	0.12	7.1	58	No Char	1.0	0	.056	0	0.28	4	25	36	..
Du Pont Company (Deepwater Village)	0	0	2.5	0.7	7.7	205	Slt. Char	1.8	.056	.032	.002	0.08	46	122	16	6
Du Pont Company (Gibbstown)	0	Cl.	5.5	9.10	4.8	198	No Char	0.8	.008	.008	.003	5.00	13	0	40	23
East Greenwich Township (Municipal)	5		3.5	0.30	7.7	294	Char	1.5	.160	.024	.001	0.04	44	176	40	9
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.	6.0	101	No Char	0.9	.016	.032	0	0.04	8	10	12	7
Eichler, August (Mickleton) ..	20	0	10	0.7	7.7	326	No Char	1.4	.160	.008	.001	0.20	56	182	62	..
Elizabethtown 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	109	Slt. Char	0.6	.032	.024	0	5.50	11	0	26	..
Essex Fells (Municipal)	0	0	2.5	0	8.0	286	No Char	0.5	0	.032	.003	5.00	26	76	144	4
Evans, Charles N. (Lincoln Park)	0	0	0	0	7.9	161	No Char	0.4	0	.024	.004	0.52	6	54	86	1
Fairbanks-Morse Company (Bridgeport)	0	0	0	0.05	..	64	.....	..	.024	.032	.001	1.90	8	2	13	30
Fairlawn (Municipal)	0	Slt. Cl.	2	0.06	7.0	333	No Char	..	0	.004	0	12.00	14	42	172	10
Farmingdale (Municipal)	10	0	5	1.4	7.6	151	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	.032	.001	1.00	8	40	74	..
Florence Township (Municipal)	0	0	6.5	0.02	6.5	64	No Char	0.8	.004	.024	.003	2.00	5	4	14	4
Florham Park (Municipal) ...	0	0	0	0.04	7.9	163	No Char	1.2	.008	.016	.040	0.08	6	96	132	2
Fortescue Water Company (Fortescue)	0	0	0	0.2	..	209	.....	..	.038	.024	0	0.08	7	90	74	..
Franklin Water Company (Franklin)	5	Slt. Cl.	0	0.10	6.9	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	267	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	0	.001	0.04	8	88	144	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	106	4
Glassboro (Municipal)	0	0	2.0	0.14	7.7	127	No Char	0.4	.064	.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	1v	0	0.40	6.5	210	No Char	1.3	0	.010	.003	0.24	27	38	98	10
Gold Mine Manor Water Com- pany (Budd Lake)	10	0	0	..	..	...	.....	..	..	..	.001	1.40	7	..	..	..
Guarantee Water Supply Com- pany (Far Hills)	Buys water from Peapack-Gladstone															
Gropp, Andrew (White Horse)	20	1e	11.5	1.20	6.6	153	Char	0.7	.240	.024	.180	1.00	14	32	84	45
Greenwich Township (Mu- nicipal)	10	0	5	0.10	5.1	388	No Char	1.1	.040	.040	.002	20.06	18	4	64	..
Grenloch Realty Company (Grenloch)	0	0	0	.16	7.6	171	Heavy Char	1.2	.034	.016	.007	.12	5.0	32	72	4
Hackensack Water Company (New Milford)	5	0	0	0.12	7.1	186	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 Ignition	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	.032	.001	0.40	5	16	36	2
Haddonfield (Municipal)	30	0	0	0.70	7.1	247	No Char	0.9	.120	.024	.001	0.40	3	76	100	5
Haledon (Municipal)	0	0	0	1.20	6.8	83	Char	2.5	.160	.144	.002	0.04	6	14	46	..
Hamburg (Municipal)	0	0	2.5	0.30	7.6	343	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
Hammonton (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) ..	25	0	16	0.90	6.5	119	Slt. Char	0.5	.016	.008	.001	0.72	4	20	28	..
Hanover Water Company (Municipal) (Wrightstown)	5	Slt. H ₂ S	5.5	0.40	7.7	155	Slt. Char	0.5	.024	.008	.002	..	4	98	110	3
Hawthorne (Municipal)	0	0	2.5	0	7.3	147	No Char	0.8	.008	.032	0	2.00	11	73	18	6
Helme Company, G. W. (Helmetta)	10	0	0	0.1	6.0	52	No Char	0.8	0	.016	0	2.00	15	3	18	13
Hendershot, J. Blair (Sparta)	0	4v	0	0.1	7.9	216	.....	..	.008	.040	.001	0.28	6	171	208	..
High Bridge (Municipal)	0	2v	0	0.7	6.5	268	Char	0.5	.024	.040	.005	0.72	7	70	92	5
Highlands (Municipal)	0	0	2	0.08	7.0	190	No Char	1.0	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	23	7
Hoffman, W. A. (Budd Lake)	25	0	26	1.00	6.5	119	No Char	1.3	0	0	.016	2.50	5	15	44	..
Hopewell (Municipal)	0	0	0	0.06	7.9	194	No Char	0.9	.016	.048	.001	2.50	7	90	130	0

Capt. Herbert Garrison (Fortescue) .. .. .	..	..	..	..	7.7	167	.....	..	.040	.032	0	0.02	8	89	81	..
Hulse, Estate of Aaron S. (Budd Lake)	0	0	20	0.24	6.5	107	No Char	0.6	.008	.016	.001	0.32	4	21	36	..
Ideal Beach Water Company (E. Keansburg)	10	0	0	0.4	6.5	97	No Char	0.9	.008	.032	.001	0.08	3	16	40	16
Irvington (Municipal auxiliary supply)	0	0	0	0.14	6.9	390	No Char	0.8	.048	.064	.007	9.00	25	24	192	..
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	.032	.004	2.50	4	2	28	18
Jersey City (Municipal)	30	1v	5	0.14	6.9	332	Char	5.5	0	.144	.003	0.16	5	26	44	..
Junction Water Company (Hampton)	0	0	2.5	0.10	6.3	59	No Char	1.3	0	.016	.003	1.00	6	12	20	9
Keansburg (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
Kingston Water Company (Kingston)	0	0	2.5	0.80	6.9	105	No Char	0.6	.008	.032	.015	1.00	6	40	42	..
Lakehurst (Municipal)	0	0	0	0.12	5.1	24	Slit. Char	1.2	.016	.032	.001	0.08	8	0	9.5	8
Lakeside Water Company (Kirkwood)	Buys water from Laurel Springs Water Company															
Lakeview Heights Water Com- pany (Washington Twp.) ..	0	0	2	0.5	7.8	230	No Char	0.3	0	0	.064	0.12	3	88	84	..
Lakewood Water Company (Lakewood)	0	0	4.5	0.06	5.8	37	No Char	1.2	.008	.032	.006	0.12	8	1	8	15
Lake Mohawk (Sparta Twp.)..	0	pine	0	0.12	7.3	241	No Char	0.9	.008	.064	0	0.08	2	86	100	8
Lambertville (Municipal)	5	2m	5.5	0.14	6.9	104	Char	5.0	.376	.160	.069	0.12	7	22	50	0
Laurel Springs Water Company (Laurel Springs)	0	0	2.5	0.12	7.7	134	No Char	0.8	0	0	.004	0.06	8	70	102	3
Laurence Harbor Heights Com- pany (Laurence Harbor) ...	Buys water from Sayreville															

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	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	6	168	26	0
Lawrenceville Water Company (Lawrenceville)	0	1v	2.5	0.20	6.2	79	No Char	0.2	0	.024	.001	2.00	6	22	36	8
Lincoln Park Water Company (Lincoln Park)	0	0	0	0.10	7.9	147	No Char	0.6	0	.032	.004	0.08	5	58	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 Beach Water Company (Beach Haven)	5	0	2	0.40	6.1	89	No Char	1.0	0	.016	.0015	0.08	6	14	12	..
Longport (Municipal)	Buys water from Margate City															
Long Valley Water Company (Long Valley)	0	kerosene	2.5	0	6.3	45	Slt. Char	1.1	0	.032	.002	0.24	3	12	22	16
Lopatcong Water Company (Phillipsburg)	0	0	2.5	0	7.1	153	Char	2.5	0	.048	.001	0.04	4	20	34	3
Lumberton Light, Water & Sewerage Co. (Lumberton) ..	65	0	26	1.6	7.8	258	Char	.07	.128	.032	.001	0.04	3	80	90	5
Madison (Municipal)	0	0	2	0	7.8	191	No Char	0.2	0	.016	.001	2.50	9	96	142	..
Mahwah Water Company (Mahwah)	10	0	0	0.20	7.6	166	No Char	0.8	.032	.032	0	1.80	8	84	127	2
Manasquan (Municipal)	20	0	10	0.70	6.0	51	Slt. Char	1.3	.016	.032	0	0.08	13	24	4	..
Mantua Water Company (Mantua)	0	0	0	0.14	7.9	255	No Char	1.6	.102	.048	0	0.12	19	148	42	8
Manville (Municipal)	0	0	0	0.20	7.1	227	No Char	0.7	.016	.016	.001	7.00	27	42	103	..

Margate City (Municipal) ...	0	0	0	0.40	7.2	147	No Char	1.3	.094	.040	0	0.28	19	54	86	7
Marlton (Municipal)	5	0	0	0.40	7.9	191	No Char	1.2	.008	0	.002	0.08	5	126	130	6
Matawan (Municipal)	20	0	10	1.20	6.6	51	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	.048	.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	.032	.024	.002	0.08	5	40	48	..
McGalliard, Edw. T. (White Horse)	0	0	2.5	0.60	..	64	No Char	0.1	0	.024	.003	0.08	5	26	19	19
McGalliard, W. V., Estate of (White Horse)	0	0	2	0	5.8	41	No Char	0.3	0	.032	.005	0.16	5	2	16	17
Medford Water Company (Medford)	0	0	2	0.60	7.8	264	Char	0.9	.072	.024	0	0.04	3	184	168	25
Mendham (Municipal)	0	0	0	0.40	6.5	48	Slt. Char	2.3	.120	.152	.004	0.60	5	4	34	6
Merchantville-Pensauken 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	0.12	18	..	..	..
Millford (Municipal)	0	1v	0	0	..	239	.....	..	.022	.038	0	0.60	8	92	46	..
Millville (Municipal)	0	0	2.5	0.10	4.8	51	No Char	0.8	0	.016	.002	0.08	8	3	32	23
Millville Water Company (Millville)	20	0	3.5	0.20	5.2	53	Char	6.8	.016	.056	.004	0.60	7	2	16	1
Monmouth Consolidated Water Company (Long Branch)	5	1v	0	0.8	7.7	130	.....	..	.032	.086	.0015	0.08	12	80	56	..
Monroe Township (Municipal)	0	0	2.5	0.07	5.0	82	No Char	0.5	.008	.005	.002	6.00	10	6	28	30
Moorestown Twp. (Municipal).	0	0	2.5	0.04	7.5	150	No Char	0.5	0	0	.003	0.08	3	58	92	3
Morris and Sussex Water Serv- ice Company (Lake Rogerene)	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 Hopat- cong)	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 Ignition	Oxygen Consumed	Free Ammonia	Alb. Ammonia	Nitrites	Nitrates	Chlorine	Alkalinity	Total Hardness	Carbon Dioxide
Morristown (Municipal)	25	1e	10	0.40	6.9	60	Char	2.3	.144	.072	.002	0.20	5	11	16	..
Mountain Heights Water Company (Lincoln Park)	0	0	2.5	0.04	7.8	176	No Char	0.6	.016	.032	0	0.12	7	76	106	..
Mountain Lakes (Municipal) ..	0	0	2.5	0.10	7.2	115	No Char	0.5	0	.024	.004	1.60	5	44	78	5
Mt. Holly Water Company (Mount Holly)	0	0	0	0.10	7.6	142	Slt. Char	1.1	.032	.048	.001	0.20	1	78	84	6
Mountain View Water Company (Mountain View)	0	0	0	0	7.9	197	No Char	0.4	0	.032	.002	0.60	8	72	118	1
National Park (Municipal) ...	50	0	25	0.4	4.9	139	No Char	1.4	.072	.040	.001	2.50	26	0	22	30
Neptunus Water Company (Cape May Court House)	0	1e	0	0.60	..	228	.....	..	.086	.042	.040	4.60	24	10	43	..
Netcong (Municipal)	0	0	2	0.06	7.8	113	No Char	0.9	0	.032	0	0.60	4	66	92	..
Newark (Municipal)	0	0	0	0.16	7.0	70	Slt. Char	4.4	.032	.006	0	0.40	3	12	38	..
New Brunswick (Municipal) ..	0	0	2	tr.	8.6	123	Char	2.4	.034	.048	.010	0.36	8	42	24	..
New Brunswick Water Company (Raritan Twp.)	0	0	0	0	7.5	250	Slt. Char	..	.016	.032	.200	0.16	16	156	178	..
New Egypt Heat, Light, Power and Water Company (New Egypt)	0	0	13	0.3	7.7	110	No Char	1.1	.032	.128	.001	0.12	5	75	80	3
New Jersey Conference Camp Meeting Assn. (Pitman 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 (Haddon 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	30	38	2
Nicholas, H. R. H. (Flanders) ..	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	.064	.002	0.04	5	12	18	..
Oakland (Municipal)	5	0	0	0.12	8.1	116	No Char	0.9	0	.048	.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	9	3	24	..
Ocean City Water Service Com- pany (Ocean City)	0	0	0	0.10	7.6	159	No Char	1.5	0	.064	.001	0.04	10	64	46	6
Ocean County Water Company (Bay Head)	5	0	4.5	0.10	7.7	130	No Char	1.2	.064	.048	.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	66	52.9	4
Ogdensburg (Municipal)	20	1e	0	0.14	7.2	70	Char	4.3	.032	.048	.001	0.48	4	19	30	0
Orange (Municipal)	0	slt. cl.	2	0	7.3	124	Char	2.1	.120	.064	.001	0.60	8	34	36	6
Orchard Terrace Water Com- pany (Bellmawr)	20	0	0	0.7	7.4	135	No Char	1.0	0	.008	.003	0.08	5	90	100	..
Owens-Illinois Glass Company (Bridgeton)	0	0	0	0	5.2	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
Parsippany-Troy Hills (Mu- nicipal)	0	0	2	tr.	7.7	107	No Char	1.1	0	0	0	0.36	7	86	86	4.5
Parsippany (Municipal)	0	0	0	0.1	7.7	152	.....	..	.008	.032	0	0.16	11	91	83	..
Passaic Valley Water Commis- sion (Paterson)	0	1v	0	0.16	6.9	85	Slit. Char	2.3	0	.144	.001	0.60	6	22	16	8
Paulsboro (Municipal)	0	0	0	0.70	5.9	222	No Char	1.0	.064	.024	.001	2.50	19	0	32	9
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 Ignition	Oxygen Consumed	Free Ammonia	Alb. Ammonia	Nitrates	Chlorine	Alkalinity	Total Hardness	Carbon Dioxide
Pemberton (Municipal)	20	0	6.5	0.3	6.5	67	Heavy Char	5.7	0	.048	.002	0.08	7	24	7
Pennington (Municipal)	0	0	2.5	0	7.3	123	No Char	0.1	0	.024	.001	0.20	9	66	12
Pennington Water Supply Company (Pedrickstown)	0	0	3.5	0.3	7.7	76	Slt. Char	1.0	.016	.040	.002	0.08	5	66	4
Peoples Water Company (Phillipsburg)	0	0	0	0.8	6.7	173	No Char	0.8	.048	.040	.001	0.44	9	96	..
Perth Amboy (Municipal)	5	0	0	0.1	7.1	89	No Char	1.4	.024	.032	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	..
Pinecrest Improvement Association (Budd Lake)	10	0	5	0.4	6.4	101	No Char	0.9	.008	.016	.002	2.50	9	24	..
Pitman (Municipal)	0	0	2	0.3	8.1	327	Slt. Char	1.5	.200	.032	0	0.04	20	206	8
Plainfield Union Water Company (Plainfield)	0	0	2.5	0	7.9	300	Slt. Char	0.6	.016	.032	.001	2.00	11	136	192
Plausha Park Land Company (Towaco)	0	Slt. oil	0	0.3	7.5	315	No Char	1.4	0	.032	0	0.08	40	86	232
Point Pleasant Beach (Municipal)	15	0	11.5	1.6	6.9	99	Char	1.3	.072	.048	.001	0.08	14	26	30
Pottersville Water Company (Pottersville)	0	0	4.5	0.2	6.7	115	Slt. Char	2.4	.024	.040	.004	0.80	6	16	40
Princeton Bank and Trust Company (Berrien City)	45	0	13	1.80	6.5	103	No Char	0.5	.008	.016	.001	0.08	6	48	42

Princeton Water Company (Princeton)	0	0	2.5	0.04	7.1	161	No Char	0.3	0	.032	.001	2.50	10	42	94	..
Property Owners Cooperative Association of Middlesex County, Inc. (Helmets) ...	150	1v	75	10.00	5.5	89	No Char	3.1	0	.016	.005	0.04	3	8	22	32
Prospect Point Water Company (Lake Hopatcong)	0	1e	0	0.20	..	51	.....	..	.014	.040	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	161	No Char	0.4	.120	.048	.003	0.02	10	107	115	3
Reid, Arthur (Mount Olive Twp.)	70	0	33.0	4.80	6.3	93	No Char	0.9	.032	.016	.014	1.60	4	23	36	16
Ridgewood (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	.032	0	0.08	7	86	100	..
Riddle, Frank (Hampton)	0	0	2.5	0.14	6.1	205	No Char	0.8	.024	.032	.022	3.00	17	30	90	43
Riegel Paper Corporation (Hughesville)	10	0	5	0.20	7.3	117	No Char	1.8	0	.048	.005	0.36	5	34	72	1
Riegel Paper Corporation (Milford)	5	0	0	0.7	7.4	191	No Char	0.7	.040	0	.001	1.60	8	44	124	..
Riegel Paper Corporation (Warren Glen)	0	0	0	0.1	7.3	176	Slt. Char	0.9	.016	.016	0	1.12	5	92	139	..
Ringwood Company (Awosting)	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-Palmyra 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	6.1	71	Slt. Char	0.9	.032	.064	0	2.50	5	31	58	..
Roeblings, John A. Sons, Inc. (Roebling)	0	0	2	0.40	7.0	165	Char	1.0	.016	.016	0	0.08	8	68	100	10

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	Nitrites	Nitrates	Chlorine	Alkalinity	Total Hardness	Carbon Dioxide
Salem (Municipal)	5	0	2.5	0.10	6.4	110	Char	2.9	.032	.072	0	.08	9	20	28	2
Sayreville (Municipal)	Buy	water	from	South	Amboy											
Sea Girt (Municipal)	0	0	5	0.04	6.0	76	No Char	0.8	.016	.016	0	0.04	13	21	20	..
Sea Isle City (Municipal) ...	0	0	2	0.3	7.9	195	No Char	0.6	.008	.048	.001	0.20	18	84	46	..
Seaside Heights (Municipal) ..	45	0	28	0.80	6.1	147	Slt. Char	2.3	.064	.032	.007	0.02	6	26	10	8
Senside 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)	60	0	21	5.20	6.9	146	No Char	0.7	.004	.032	.009	0.04	9	60	92	15
Ship-Bottom Beach Arlington (Municipal)	110	0	41	2.80	6.6	128	Slt. Char	0.6	0	.024	.005	0.04	9	24	16	3
Smith Machine Company, H. P. (Smithville)	0	0	0	0.20	7.5	114	No Char	1.5	0	0	.001	0.08	3	52	56	6
Somerville Water Company (Raritan)	0	slt. cl.	5.5	0	6.6	113	No Char	1.8	0	.040	.002	0.80	8.0	24	50	..
South Amboy (Municipal)	0	slt. cl.	0	0.4	4.0	81	No Char	0.9	0	.088	0	0.80	17	4.0 (acidity)	34	..
South Jersey Water Supply Company (Mullica Hill) ...	0	0	2.5	0.1	8.1	564	Slt. Char	0.8	.264	.048	.003	0.04	138	264	28	..
South Orange (Municipal) ...	0	0	0	0.14	7.2	360	Slt. Char	1.0	.032	.056	.001	1.60	33	126	41	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	149	No Char	0.7	.032	.032	.013	.04	3	74	68	..

Spring Water Company (Chester)	0	0	2.5	0	6.3	85	Slt. Char	0.4	0	.032	.004	0.16	4	22	38	..
Stanhope (Municipal)	0	0	2.5	0	6.3	164	No Char	0.3	.008	.016	.003	1.00	2	38	64	..
Stewartsville Water Company (Stewartsville)	0	0	2.5	0.04	7.6	178	No Char	0.8	0	.016	.001	1.40	7	94	138	..
Stockton (Municipal)	0	0	0	.14	6.4	101	No Char	1.2	.008	.048	0	2.5	6.0	24	70	0
Stone Harbor (Municipal)	0	0	2	0.3	8.3	204	No Char	0.9	.096	.048	.019	0.16	17	96	24	..
Stonwald Park Association (Budd 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	28	1.40	6.1	108	Char	0.6	0	.032	.001	0.60	5	12	12	..
Sussex (Municipal)	0	0	0	0.60	6.5	55	No Char	2.6	.024	.064	.001	0.04	4	28	10	2
Swackhamer, B. B. (Long Valley)	5	0	2	0.12	6.6	68	No Char	1.5	.008	.008	.002	0.60	5	25	48	8
Swedesboro (Municipal)	25	0	5	0.90	7.1	177	No Char	1.6	.048	.024	.003	0.08	23	78	72	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
Trenton (Municipal)	0	0	2	0.04	6.7	...	.....	..	.048	.032	.004	0.32	4	4	34	10
Trimmer, 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
Tri-Corner Realty Co., Inc. (Franklin Lakes)	0	0	0	0.60	7.5	96	Char	0.80	.016	.048	.001	2.50	8	23	56	..
Tuckerton Railroad Company (Whitings)	25	0	5	0.70	5.9	41	No Char	0.90	.008	.064	.002	0	5	2	16	..
Tuckerton Water Company (Tuckerton)	15	0	0	0.40	6.4	67	No Char	0.6	0	.032	.001	0.20	5	8	16	14
Union Beach (Municipal)	0	0	2.5	0	..	...	.....	..	..	..	..	..	..	..	..	..
Ventnor (Municipal)	0	0	2.5	0	5.6	117	No Char	1.20	.056	.048	.014	0.08	7	52	34	8
Vincentown Water Company (Vincentown)	0	0	0	0.20	7.5	122	No Char	1.0	.016	.048	.001	0.04	2	42	78	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	1.80	8	86	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 Ignition	Oxygen Consumed	Free Ammonia	Alb. Ammonia	Nitrites	Nitrates	Chlorine	Alkalinity	Total Hardness	Carbon Dioxide
Wallington (Municipal)	0	0	2.5	0	7.5	268	No Char	0.4	0	.032	0	6.00	12	90	194	9
Washington Water Company (Washington)	0	0	3.5	0.06	6.7	51	Char	2.0	0	.080	.001	0.40	5	10	30	3
Wineberg, Mrs. Regina (Penns- ville)	15	0	5	1.40	5.3	248	No Char	1.2	.008	.144	.002	6.00	33	20	114	..
Wenonah (Municipal)	0	0	0	0.20	8.0	182	No Char	1.7	.120	.048	0	0.08	9	128	36	1
West Jersey Water Service Company, Inc. (Budd Lake)	0	0	3.5	0.10	6.5	630	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	5	71	68	..
Wharton (Municipal)	0	0	0	0.10	7.1	64	Char	3.3	.008	.096	.001	0.60	4	18	34	4
Wildwood (Municipal)	0	0	3.5	0.70	7.4	143	No Char	0.8	.024	.056	.002	0.04	20	60	64	11
Wildermouth, 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, Allen Mining Company (Oxford)	5	0	8	.12	6.6	113	Slt. Char	0.9	0	.024	.004	0.28	5	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	234	Slt. Char	2.3	.048	.120	.008	0.60	8	142	24	..
Woodstown (Municipal)	13	1v	2	0.70	8.1	550	Slt. Char	2.9	.168	.008	.002	0.08	162	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 oleo-margarine, 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.

<i>State</i>	<i>No. of Inspections of Milk Plants</i>	<i>No. of Inspections of Dairies</i>
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

BUREAU OF FOOD AND DRUGS

123

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:

<i>State</i>	<i>No. of Inspections of Milk Plants</i>	<i>No. of Inspections of Dairy Farms</i>
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 employces 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
				<hr/>
				\$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
			<hr/>
			7,774 443 8,217

BUREAU OF FOOD AND DRUGS

127

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
	<hr/> 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.

BUREAU OF FOOD AND DRUGS

129

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 1935-1936**

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	350,499	271,398	154,282	45,719	11,569	7	118,755	322,274	549,230	673,600
Eggs, broken, lbs.	3,037,858	3,015,307	2,999,124	2,934,554	2,478,105	2,376,002	1,986,788	1,544,210	1,528,732	1,924,167	2,663,774	4,100,118
Cheese, lbs.	4,985,855	4,998,276	5,037,293	5,879,737	6,540,061	6,690,988	6,185,033	5,564,356	4,900,154	4,258,272	4,392,022	5,076,656
Butter, lbs.	8,667,260	8,329,324	7,769,362	6,883,054	3,373,643	1,225,589	1,718,385	1,305,951	1,489,093	1,133,603	916,370	4,105,245
Poultry, lbs.	7,194,796	6,535,381	6,362,941	6,860,881	7,870,536	8,514,263	9,964,231	9,056,782	7,147,969	5,052,371	4,349,669	5,621,406
Fresh meats, lbs.	5,276,024	5,830,902	5,261,031	4,825,907	4,933,263	4,882,208	4,974,045	4,779,959	4,821,482	5,094,241	5,013,293	4,772,145
Fresh fish, lbs.	2,133,651	1,890,572	2,072,330	2,389,601	2,103,835	1,916,342	788,252	277,652	180,017	512,379	1,276,513	1,222,782
Milk and milk products, lbs.	328,917	311,161	283,576	223,044	208,371	143,956	79,180	42,304	30,536	19,770	91,400	261,582
Edible fats and oils, lbs.	826,253	919,325	908,864	1,106,005	478,102	1,008,844	1,148,161	1,283,299	1,338,343	1,665,328	1,870,050	1,705,716
Game, lbs.	100	.....	.....	429	1,597	2,880	785	406	608	348	348	1,488
Miscellaneous articles, pkgs.	143,106	127,554	343,341	1,107,996	1,100,194	930,631	828,579	633,278	575,956	522,587	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.

BUREAU OF BACTERIOLOGY

137

TABLE III

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

MONTH	Primary			Secondary			
	+	—	Uns.	+	—	Uns.	Total
July	6	500	17	12	181	8	724
August .....	..	330	7	11	144	2	494
September	1	410	6	6	197	..	620
October	12	585	9	16	266	2	890
November	8	480	10	15	223	..	736
December	5	500	9	12	215	3	744
January	3	318	7	6	132	1	467
February	5	575	1	4	178	1	764
March	3	494	4	3	151	1	656
April	4	283	4	3	122	4	420
May	4	328	7	5	109	..	453
June .....	..	622	22	2	145	5	796
Total	51	5425	103	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			
	+	—	Uns.	+	—	Uns.	Total
July	31	316	2	81	376	3	809
August	45	295	1	100	286	..	727
September	47	297	1	104	412	4	865
October	41	391	2	100	306	..	840
November	38	314	..	63	283	1	699
December	31	315	4	106	367	1	824
January	32	349	1	54	322	1	759
February	34	843	..	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	4133	21	1157	4247	31	10107

DEPARTMENT OF HEALTH

TABLE V

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

MONTH	Primary			Secondary			
	+	—	Uns.	+	—	Uns.	Total
July	4	203	5	3	97	2	814
August	16	221	7	7	77	5	338
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	1	53	..	390
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	260	13	2	158	10	450
Total	79	2900	94	28	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			
	+	—	Uns.	+	—	Uns.	Total
July .....	..	362	8	1	201	..	572
August .....	..	321	4	1	112	..	438
September .....	..	296	1	1	69	1	368
October	5	542	3	12	95	1	658
November	3	246	3	2	105	..	359
December	1	367	6	2	172	..	548
January .....	..	525	24	2	196	..	747
February	2	769	..	4	126	1	902
March	3	471	1	6	56	..	637
April .....	..	206	..	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

BUREAU OF BACTERIOLOGY

139

TABLE VII

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

MONTH	Primary			Secondary			
	+	—	Uns.	+	—	Uns.	Total
July	103	338	14	16	114	1	586
August	99	297	10	20	108	3	537
September	123	348	14	18	90	2	600
October	114	413	12	21	95	5	660
November	110	353	12	30	115	3	623
December	86	271	6	28	119	4	514
January	66	263	10	24	96	1	460
February	58	268	7	21	99	4	457
March	68	327	10	21	109	1	536
April	72	254	7	26	116	5	480
May	76	291	8	25	103	3	506
June	95	352	8	22	111	1	589
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			
	+	—	Uns.	+	—	Uns.	Total
July	64	276	9	6	31	..	386
August	54	291	7	11	55	2	420
September	59	245	2	10	41	..	357
October	71	339	4	6	40	..	460
November	133	291	1	12	41	..	478
December	57	183	2	8	23	..	273
January	56	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	388	4	15	53	1	535
Total	1010	3823	56	114	501	4	5508

DEPARTMENT OF HEALTH

TABLE IX

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	788	46	4151	
August	96	14	12	31	32	2832	127	51	13	5	16	38	903	43	4213	
September	80	8	7	24	27	2891	156	36	4	6	16	27	718	65	4065	
October	131	5	12	41	33	3328	117	42	10	16	25	26	852	34	4672	
November	111	10	7	28	3	2725	130	61	3	7	13	7	707	46	3859	
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	15	2989	196	47	3	7	20	7	940	86	4407	
March	107	6	14	17	22	3840	135	55	4	5	8	13	1207	60	5493	
April	99	5	9	13	17	3641	102	56	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	176	12	12	18	31	969	40	4968	
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							
	4+	3+	2+	+	±	—	Uns.	4+	3+	2+	+	±	—	Uns.	Total
July	217	..	..	65	2	2777	170	145	..	1	84	5	639	46	4151
August	229	..	..	59	8	2721	127	196	1	..	85	13	731	43	4213
September	198	..	..	31	1	2807	156	131	1	1	37	1	636	65	4065
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	..	926	57	4195
January	282	2	3	92	15	2738	188	238	1	5	52	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	257	..	3	39	8	731	38	4573
June	220	..	..	18	6	3353	113	273	..	..	33	11	901	40	4968
Total	3123	13	8	786	134	35250	1662	2636	11	13	684	104	9238	605	54267

BUREAU OF BACTERIOLOGY

141

TABLE XI

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

<i>Specimen for</i>	<i>Positive</i>	<i>Negative</i>	<i>Unsatisfactory</i>
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

	<i>Positive</i>	<i>Negative</i>	<i>Unsatisfactory</i>
Undulant fever			
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	
		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
Total		102,140

BUREAU OF BACTERIOLOGY

143

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.
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

BUREAU OF CHEMISTRY

147

	<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, 1936

MONTH	Private Water Supplies																									
	Public Water Supplies Collected by Local Boards of Health	Pay Samples	Second Samples	Camp Samples	U. S. Government	Collected by Em- ployees	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	Total Samples	
1935																										
July	293	39	6	18	2	10	4	26	10	2	30	4	71	109	148	18	333	9	1132
August	271	48	5	.....	9	2	2	.....	5	5	1	.....	14	.....	.....	101	627	169	8	1	12	.....	61	.....	1343
September	164	36	1	.....	3	1	6	.....	5	5	2	1	16	.....	.....	63	68	11	13	1	30	19	.....	.....	446
October	219	30	2	.....	1	2	1	7	2	19	77	4	.....	.....	.....	124	86	122	4	.....	.....	29	.....	.....	729
November	207	19	3	2	5	.....	3	.....	6	7	99	5	.....	.....	.....	51	126	161	15	.....	.....	.....	.....	.....	709
December	133	10	3	1	1	.....	.....	2	5	6	117	.....	4	.....	.....	46	50	277	6	3	.....	17	.....	.....	681
1936																										
January	287	12	4	.....	1	3	1	.....	1	18	121	1	.....	.....	7	4	47	18	9	.....	.....	18	.....	.....	552
February	174	4	7	1	1	.....	2	.....	7	6	135	10	.....	.....	1	.....	72	.....	.....	.....	.....	.....	.....	.....	420
March	261	14	8	.....	3	12	4	.....	5	8	46	8	.....	1	6	103	4	.....	1	1	.....	30	.....	.....	515
April	246	30	2	.....	2	.....	3	.....	2	14	20	6	.....	.....	42	115	4	8	.....	1	.....	47	.....	.....	543
May	161	32	5	.....	8	1	8	.....	6	4	35	4	2	.....	17	92	46	32	8	.....	3	21	.....	.....	485
June	444	35	6	1	20	4	3	.....	4	14	25	.....	8	.....	.....	101	76	92	19	1	49	18	.....	.....	920
Totals	2060	309	52	5	72	27	43	9	52	132	688	41	74	5	74	871	1243	1110	101	8	94	191	394	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.

BUREAU OF CHILD HYGIENE

151

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.

BUREAU OF CHILD HYGIENE

153

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.

BUREAU OF CHILD HYGIENE

155

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.

BUREAU OF CHILD HYGIENE

157

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 gonorrhea. 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 gonorrhea 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 gonorrhea 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 gonorrhea, 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:

<i>County</i>	<i>Gonorrhea</i>		<i>Syphilis</i>		<i>Chancroid</i>		<i>Total</i>	<i>Popu- lation</i>	<i>Rate Per M</i>
	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>			
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

BUREAU OF VENEREAL DISEASE CONTROL 161

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

	<i>Gonorrhea</i>	<i>Per Cent.</i>	<i>Syphilis</i>	<i>Per Cent.</i>	<i>Chancroid</i>	<i>Per Cent.</i>	<i>Total</i>
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 gonorrhea has an increase of 29 cases, making a net decrease of 308 cases. The ratio between the cases of gonorrhea 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:

	<i>Reported Cases</i>		<i>Reported Deaths</i>	
	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
Gonorrhea	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
Gonorrhea	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.

BUREAU OF VENEREAL DISEASE CONTROL 163

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.

BUREAU OF VENEREAL DISEASE CONTROL 165

Two hundred and sixty-three physicians were furnished neoarsphenamine 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, arsenoxoid (mapharsen) was supplied when requested, as a substitute for neoarsphenamine 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

BUREAU OF VENEREAL DISEASE CONTROL 167

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 gonorrhea 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 gonorrhea 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

BUREAU OF VENEREAL DISEASE CONTROL 169

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 gonorrhea 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		Women		Men & Women		Students		Total	
	No.	Attend- ance	No.	Attend- ance	No.	Attend- ance	No.	Attend- ance	No.	Attend- 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	51	8,651
November ...	17	2,607	11	360	3	225	30	2,170	61	5,362
December ...	13	1,656	9	254	3	133	12	930	37	2,973
1936										
January	5	153	13	368	5	311	..	..	23	832
February	3	102	3	70	7	317	11	860	24	1,349
March	3	136	8	249	2	55	5	1,280	18	1,720
April	14	1,323	8	260	8	577	34	5,730	64	7,890
May	20	3,075	5	168	5	230	5	677	35	4,150
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 :

<i>Name of Group</i>	<i>Number of Meetings</i>	<i>Attendance</i>
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
	<hr/> 353	<hr/> 43,841

BUREAU OF VENEREAL DISEASE CONTROL 171

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

	<i>Number of Meetings</i>	<i>Attendance</i>	<i>Pamphlets Distributed</i>
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
	<hr/> 5,870	<hr/> 707,355	<hr/> 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.

BUREAU OF PUBLIC HEALTH EDUCATION 175

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 gonorrhea 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 shell-fish 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.

BUREAU OF VITAL STATISTICS

179

- 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		
Irvington	Monmouth County—	Warren County—
Montclair	Asbury Park	Phillipsburg
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.

DEPARTMENT OF HEALTH

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	23,116	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	1,193,493	23,108	19.3	8,837	7.3	25,959	21.6
1883	1,227,874	24,430	19.8	9,166	7.4	23,310	18.9
1884	1,259,256	25,263	20.0	8,968	7.1	21,716	17.2
1885	1,290,638	24,077	18.6	8,989	6.9	23,807	18.4
1886	1,322,020	25,497	19.2	12,351	9.3	22,734	17.1
1887	1,353,402	27,340	20.2	15,416	11.3	24,331	17.9
1888	1,384,784	28,074	20.2	16,025	11.5	27,173	19.6
1889	1,416,166	29,099	20.5	15,726	11.1	26,543	18.7
1890	1,448,589	30,103	20.7	15,564	10.7	28,530	19.6
1891	1,492,462	28,882	19.3	15,305	10.2	28,840	19.3
1892	1,536,336	30,627	19.9	16,082	10.4	32,685	21.2
1893	1,580,209	32,285	20.4	17,178	10.8	30,596	19.3
1894	1,624,083	33,662	20.7	16,245	10.0	30,004	18.4
1895	1,667,957	31,742	19.0	15,873	9.5	30,634	18.3
1896	1,711,831	31,207	18.2	18,370	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	18,213	7.3	27,337	15.1
1899	1,843,452	29,419	15.9	13,336	7.2	30,999	16.8
1900	1,889,184	32,270	17.0	14,611	7.7	31,474	16.6
1901	1,955,361	34,812	17.8	16,539	8.4	31,739	16.2
1902	2,021,539	35,116	17.3	18,150	8.9	31,319	15.4
1903	2,087,716	37,242	17.8	19,512	9.3	31,820	15.2
1904	2,153,893	38,751	17.9	18,919	8.7	35,298	16.3
1905	2,220,070	39,689	17.8	20,572	9.2	33,864	15.2
1906	2,286,247	42,677	18.6	21,580	9.4	35,670	15.6
1907	2,352,424	44,651	18.9	23,649	10.0	37,408	15.9
1908	2,418,601	47,405	19.6	26,155	10.8	35,597	14.7
1909	2,484,778	47,508	19.1	29,724	11.9	36,359	14.6
1910	2,550,445	53,942	21.1	27,912	10.9	39,494	15.4
1911	2,614,177	58,133	22.2	25,014	9.5	38,612	14.7
1912	2,677,909	60,073	22.4	26,821	10.0	37,772	14.1
1913	2,741,642	61,432	22.4	27,697	10.1	39,425	14.3
1914	2,805,374	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	75,309	25.1	30,060	10.0	43,532	14.5
1918	3,060,301	74,549	24.3	23,989	7.8	60,852	19.8
1919	3,124,034	70,935	22.7	29,281	9.3	39,979	12.7
1920	3,199,092	76,431	23.8	31,327	9.7	40,820	12.7
1921	3,285,475	78,172	23.7	27,815	8.4	37,362	11.3
1922	3,371,859	74,479	22.0	27,114	8.0	40,086	11.8
1923	3,458,243	74,611	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	44,396	11.9
1927	3,803,779	72,799	19.1	28,316	7.4	41,562	10.9
1928	3,890,163	70,076	18.0	29,120	7.4	44,555	11.4
1929	3,976,546	68,297	17.1	30,257	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	22,840	5.4	42,826	10.3
1933	4,196,000	56,072	13.3	24,453	5.8	43,380	10.3
1934	*4,247,000	54,841	12.9	28,991	6.8	43,547	10.2
1935	*4,288,000	55,059	12.8	29,724	6.9	43,267	10.0

* Federal estimates.

BUREAU OF VITAL STATISTICS

183

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

(Births and Deaths Corrected for Residence)

<i>Month</i>	<i>Births</i>	<i>Marriages</i>	<i>Deaths</i>
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)

ATLANTIC COUNTY				
NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Absecon City	35	10	31	4
Atlantic City	784	600	1020	41
Brigantine City	5	...	5	...
Buena Vista Township	49	43	33	1
Corbin City	4	2	3	...
Egg Harbor City	57	41	53	3
Egg Harbor Township	27	10	38	2
Estelle Manor City	2	...	7	...
Folsom Borough	5	2	1	...
Galloway Township	59	4	47	1
Hamilton Township	53	24	45	4
Hammonton Town	120	69	68	5
Linwood City	16	15	23	1
Longport Borough	4	2	4	...
Margate City	36	21	47	4
Mullica Township	18	3	18	2
Northfield City	32	4	30	1
Pleasantville City	178	88	178	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	1583	1008	1803	83

DEPARTMENT OF HEALTH

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	86	5
Bogota Borough	63	59	66	1
Carlstadt Borough	68	40	46	...
Cliffside Park Borough	203	53	145	7
Closter Borough	31	19	39	4
Cresskill Borough	21	13	18	...
Demarest Borough	9	3	12	...
Dumont Borough	76	33	49	5
East Paterson Borough	71	22	37	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	36	53	2
Fairview Borough	129	91	57	5
Fort Lee Borough	106	159	99	6
Franklin Lakes Borough	14	6	11	...
Garfield City	386	188	181	18
Glen Rock Borough	47	28	52	3
Hackensack City	367	244	272	22
Harrington Park Borough	10	9	7	1
Hasbrouck Heights Borough	77	39	44	4
Haworth Borough	8	6	13	...
Hillsdale Borough	40	11	29	...
Hohokus 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, 1935.				
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 Milford Borough	34	11	23	2
North Arlington Borough	139	59	74	10
Northvale Borough	14	18	9	...
Norwood Borough	23	21	4	...
Oakland Borough	10	8	12	...
Old Tappan Borough	4	2	6	1
Oradell Borough	12	10	24	...
Palisades Park Borough	129	67	68	6
Paramus Borough	37	11	24	1
Park Ridge Borough	21	28	24	...
Ramsey Borough	45	23	60	2
Ridgefield Borough	37	36	44	1
Ridgefield Park Borough	139	83	98	3
Ridgewood Village	107	95	140	4
River Edge Borough	44	6	19	...
Rivervale Township	17	3	10	1
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	5	4	...
Teaneck Township	274	56	161	9
Tenafly Borough	79	40	45	3
Teterboro Borough	...	...	1	...
Upper Saddle River Borough	3	1	5	...
Waldwick 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	4892	2643	3433	202

BUREAU OF VITAL STATISTICS

185

BURLINGTON COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bass River Township	10	...	16	...
Beverly City	52	21	29	2
Bordentown City	46	33	72	6
Bordentown Township	13	3	13	1
Burlington City	192	99	122	5
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	6	22	...
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	95	4
Mount Holly Township	95	58	107	6
Mount Laurel Township	21	1	15	...
New Hanover Township	20	7	15	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	6	...	4	1
Southampton Township	18	6	21	...
Springfield Township	12	1	15	1
Tabernacle Township	12	4	6	...
Washington Township	7	2	5	...
Westampton Township	5	...	4	...
Willingboro Township	3	2	7	...
Woodland Township	8	...	7	...
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	1726	1031	1405	120
Chesilhurst Borough	2	3	7	...
Clementon Borough	45	8	25	3
Collingswood Borough	134	86	158	1
Delaware Township	51	6	50	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	69	32	66	3
HiNella Borough	3	...	1	...
Laurel Springs Borough	13	13	20	...
Lawnside Borough	25	5	22	5
Lindenwold Borough	42	13	24	1
Magnolia Borough	28	7	26	2
Merchantville Borough	144	42	76	5
Mount Ephraim Borough	40	10	25	...
Oaklyn Borough	84	16	32	5
Pennsauken Township	203	57	171	12

DEPARTMENT OF HEALTH

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 .....	...	...	...	...
Voorhees Township	17	9	10	...
Waterford Township	40	15	21	2
Winslow Township	53	23	49	2
Woodlynne 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 .....	...	1	...	...
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	16	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	23	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

BUREAU OF VITAL STATISTICS

187

ESSEX COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Belleville 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 Fells Borough	14	11	7	...
Glen Ridge Borough	51	32	73	2
Irvington Town	797	394	488	34
Livingston Township	61	19	39	2
Maplewood Township	216	91	200	7
Millburn Township	106	44	72	1
Montclair Town	459	270	424	17
Newark City	6207	4026	4872	344
North Caldwell Borough	12	1	11	...
Nutley Town	248	113	169	8
Orange City	525	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	33	22	40	2
Deptford Township	64	13	51	3
East Greenwich Township	25	18	14	...
Elk Township	25	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	17	3	21	...
Mantua Township	42	7	29	...
Monroe Township	68	39	44	2
National Park Borough	40	18	17	2
Newfield Borough	16	4	13	2
Paulsboro Borough	127	63	79	9
Pitman Borough	56	34	97	3
South Harrison Township	6	2	2	...
Swedesboro Borough	55	31	33	2
Washington Township	23	10	14	1
Wenonah Borough	16	7	17	...
West Deptford Township	68	13	26	1
Westville Borough	43	28	47	...
Woodbury City	110	64	104	4
Woodbury Heights Borough	12	4	9	1
Woolwich 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	11
Hoboken City	678	876	613	36
Jersey City	4276	2553	3450	198
Kearny Town	573	208	339	20
North Bergen Township	527	189	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	15	...
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	6	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	5	9	...
Lebanon Township	9	3	16	...
Milford Borough	12	5	20	1
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	461	92	299	13
Hightstown Borough	59	26	42	2
Hopewell Borough	18	19	25	...
Hopewell Township	41	6	34	2
Lawrence Township	93	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	15	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	8	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
Milltown Borough	61	17	32	2
Monroe Township	19	3	19	3
New Brunswick City	469	294	392	28
North Brunswick Township	51	15	43	2
Perth Amboy City	602	384	366	27
Piscataway Township	73	16	36	4
Plainsboro Township	12	7	8	...

BUREAU OF VITAL STATISTICS

189

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	79	37	43	2
South River Borough	152	70	103	10
Spotswood Borough	17	5	19	2
Woodbridge Township	351	141	232	20
Total	2947	1524	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
Eatontown Borough	32	12	27	1
Englishtown Borough	16	13	12	...
Fair Haven Borough	25	6	21	...
Farmingdale Borough	11	15	18	...
Freehold Borough	106	74	93	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	2
Marlboro Township	19	7	38	...
Matawan Borough	49	29	35	3
Matawan Township	23	10	27	1
Middletown Township	114	40	115	4
Millstone Township	9	2	14	1
Monmouth Beach Borough	4	...	9	...
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	1
Red Bank Borough	183	103	158	9
Rumson Borough	42	27	24	...
Sea Bright Borough	13	4	13	...
Sea Girt Borough	11	4	12	...
Shrewsbury Borough	17	22	7	...
Shrewsbury Township	11	4	12	...
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	...
Upper Freehold Township	29	2	24	3
Wall Township	35	22	36	...
West Long Branch Borough	21	17	26	...
Total	2066	1161	2088	88

MORRIS COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Boonton Town	100	47	83	7
Boonton Township	12	1	7	1
Butler Borough	48	27	30	...
Chatham Borough	66	17	53	2
Chatham Township	14	2	5	...
Chester Borough	9	4	7	...
Chester Township	11	3	7	...
Denville Township	53	17	27	2
Dover 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	2
Lincoln Park Borough	22	8	18	...
Madison Borough	142	66	73	7
Mendham Borough	16	9	19	1
Mendham Township	18	4	10	...
Mine Hill Township	21	5	14	...
Montville Township	45	11	38	3
Morris Plains Borough	23	22	22	...
Morristown Town	221	112	160	5
Morris Township	81	10	49	2
Mountain Lakes Borough	22	11	22	1
Mount Arlington Borough	8	1	6	1
Mount Olive Township	14	6	23	...
Netcong Borough	32	24	23	1
Parsippany-Troy Hills Township	42	6	38	1
Passaic Township	35	22	28	2
Pequanook Township	36	6	22	2
Randolph Township	20	10	37	2
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	12	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 .....	...	...	1	...
Island Beach Borough .....	...	...	...	...
Island Heights Borough	4	4	7	...
Jackson Township	23	4	20	1
Lacey Township	6	3	12	...
Lakehurst Borough	18	1	16	3
Lakewood Township	84	66	108	4
Lavalette Borough	1	3	4	...
Little Egg Harbor Township	8	...	11	1
Long Beach Township	8	...	5	...
Manchester Township	21	1	14	1
Mantoloking Borough .....	...	2	2	1
Ocean Township	6	7	8	...
Ocean Gate Borough	3	...	7	1
Pine Beach Borough	7	3	2	...
Plumstead Township	18	12	36	...
Point Pleasant Borough	51	9	33	1
Point Pleasant Beach Borough	8	18	26	...
Seaside Heights Borough	3	4	8	...

BUREAU OF VITAL STATISTICS

191

OCEAN COUNTY—Continued

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Seaside Park Borough	9	5	12	1
Ship 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	60	42	64	5
North Haledon Borough	32	5	19	...
Passaic City	728	724	522	29
Paterson City	1735	1117	1487	73
Pompton Lakes Borough	45	33	38	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	3849	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
Elsinboro Township	7	1	9	...
Lower Alloways Creek Township	18	7	10	...
Lower Penns Neck Township	26	15	25	3
Mannington Township	18	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	13	...
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

DEPARTMENT OF HEALTH

SOMERSET COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bedminster Township	15	4	13	...
Bernards Township	36	11	26	2
Bernardsville Borough	40	22	38	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	30	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
Peapack-Gladstone Borough	25	4	17	2
Raritan Town	56	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

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	...
Hopatcong Borough	5	5	4	...
Lafayette Township	11	1	12	1
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	26	1
Stanhope Borough	12	14	21	1
Stillwater Township	7	6	10	...
Sussex Borough	32	10	30	4
Vernon Township	28	8	16	3
Walpack Township	3	1	2	...
Wantage Township	54	3	19	4
Total	468	164	379	27

BUREAU OF VITAL STATISTICS

193

UNION COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Clark 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	125	178	19
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	3
Scotch Plains Township	72	22	56	1
Springfield Township	58	23	33	2
Summit City	169	97	151	5
Union Township	316	64	190	14
Westfield Town	223	87	175	9
Total	4236	2096	2979	162

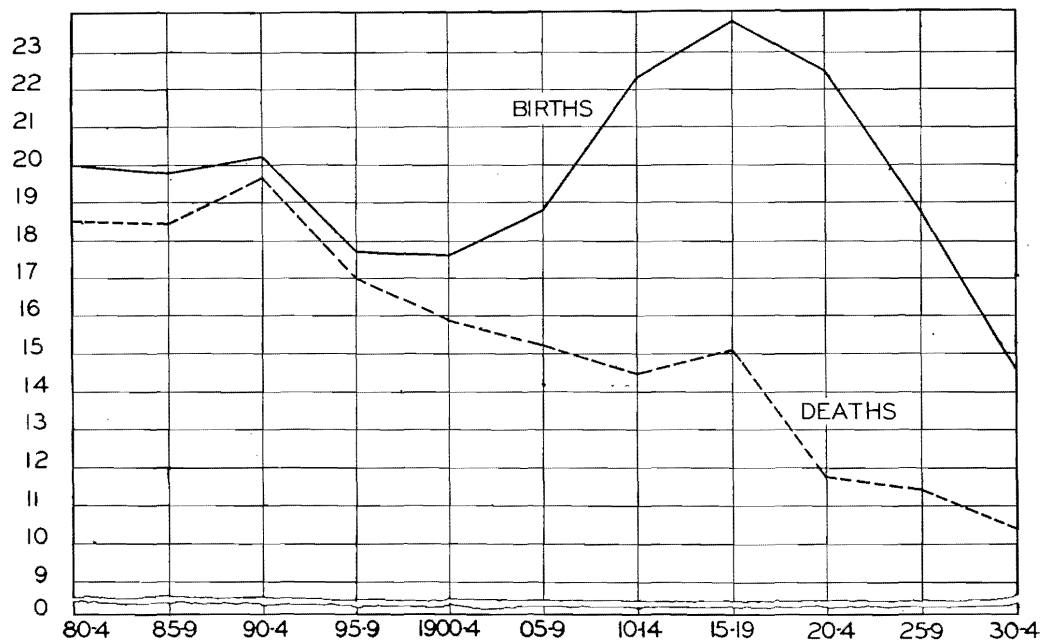
WARREN COUNTY

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
Frelinghuysen 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	13	22	1
Pahaquarry Township .....	...	...	3	...
Phillipsburg Town	235	105	195	13
Pohatcong Township	24	13	25	4
Washington Borough	60	36	73	3
Washington Township	17	2	5	...
White Township	24	...	18	...
Total	679	276	623	43
State Total	55059	29724	43267	2539

TABLE 2—TOTAL DEATHS BY AGE PERIODS SHOWING PERCENTAGE OF TOTAL DEATHS, 1935

	AGE PERIODS																	
	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	90 and over	Unknown
Deaths	43,267	2,539	302	182	134	134	3,291	540	1,077	1,807	2,875	4,652	7,157	9,113	8,480	3,911	561	3
Percentage of total..	100.0	5.9	0.7	0.4	0.3	0.3	7.6	1.2	2.5	4.2	6.2	10.8	16.5	21.1	19.6	9.0	1.3	..

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.

BUREAU OF VITAL STATISTICS

197

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

<i>Year</i>	<i>Births Reported</i>	<i>Deaths Under 1 Year of Age</i>	<i>Rates per 1,000 Live Births</i>	<i>Deaths Under 1 Month of Age</i>	<i>Rates per 1,000 Live Births</i>	<i>Still- births</i>	<i>Rates per 1,000 Live Births</i>	<i>Maternal Deaths</i>	<i>Rates per 1,000 Live Births</i>
1906	42,677	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	74,549	8,372	112.3	3,175	42	3,525	47	417	5.5
1919	70,935	6,111	86.1	2,696	38	3,047	42	366	5.1
1920	76,431	6,672	87.2	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	5.7
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	2,343	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	36	294	5.3
1935	55,059	2,539	46.1	1,560	28	1,905	34	249	4.5

BUREAU OF VITAL STATISTICS

199

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

	<i>Rates per 1,000 live births</i>			
	<i>Deaths Under One Year</i>	<i>Deaths Under One Month</i>	<i>Stillbirths</i>	<i>Maternal Deaths</i>
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

	<i>Rates per 1,000 live births</i>			
	<i>Deaths Under One Year</i>	<i>Deaths Under One Month</i>	<i>Stillbirths</i>	<i>Maternal Deaths</i>
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
Hammoncton 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

BUREAU OF VITAL STATISTICS

201

Births
(*Exclusive of*
Still-
births) *Birth Rates*
per 1,000
Population *Deaths*
Under
One Year *Infant*
Mortality
Rates

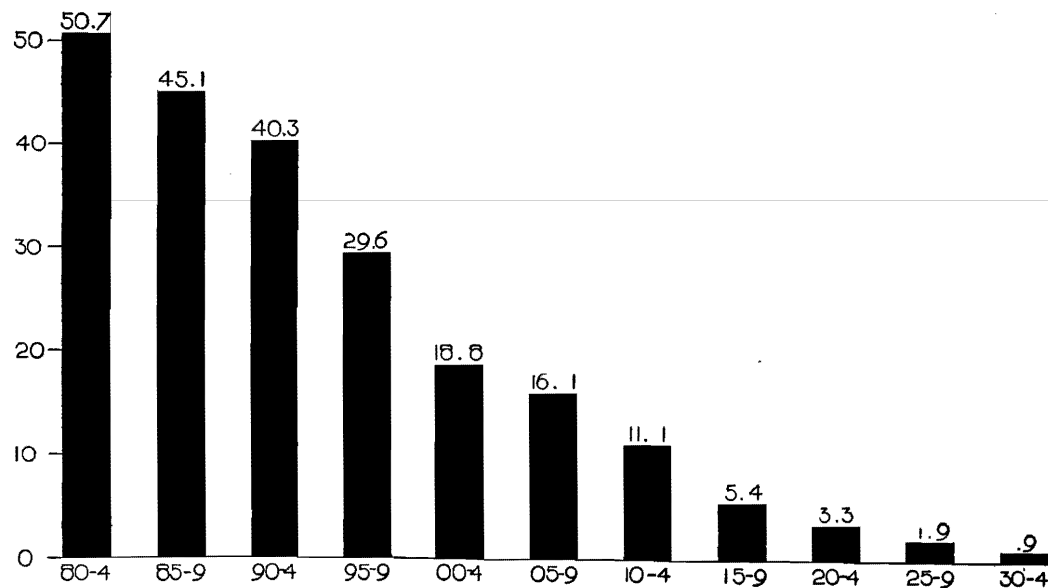
Irvington	797	12.1	34	42
Montclair	459	10.0	17	37
Newark	6,207	13.7	344	55
Nutley	248	10.5	3	12
Orange	525	14.6	27	51
South Orange	119	7.7	7	58
West Orange	352	13.1	8	22
Gloucester County	1,034	13.4	43	41
Woodbury	110	12.5	4	36
Hudson County	8,916	12.5	402	45
Bayonne City	1,134	12.2	41	36
Guttenberg	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

DEPARTMENT OF HEALTH

	<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



DEPARTMENT OF HEALTH

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	5.5	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	5.3	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	...	...	3.8	...	...	...	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	0.5	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	3.6	3.5	...	4.5	...	...	5.6	1.4	1.4
Sussex .....	...	...	4.0	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

BUREAU OF VITAL STATISTICS

205

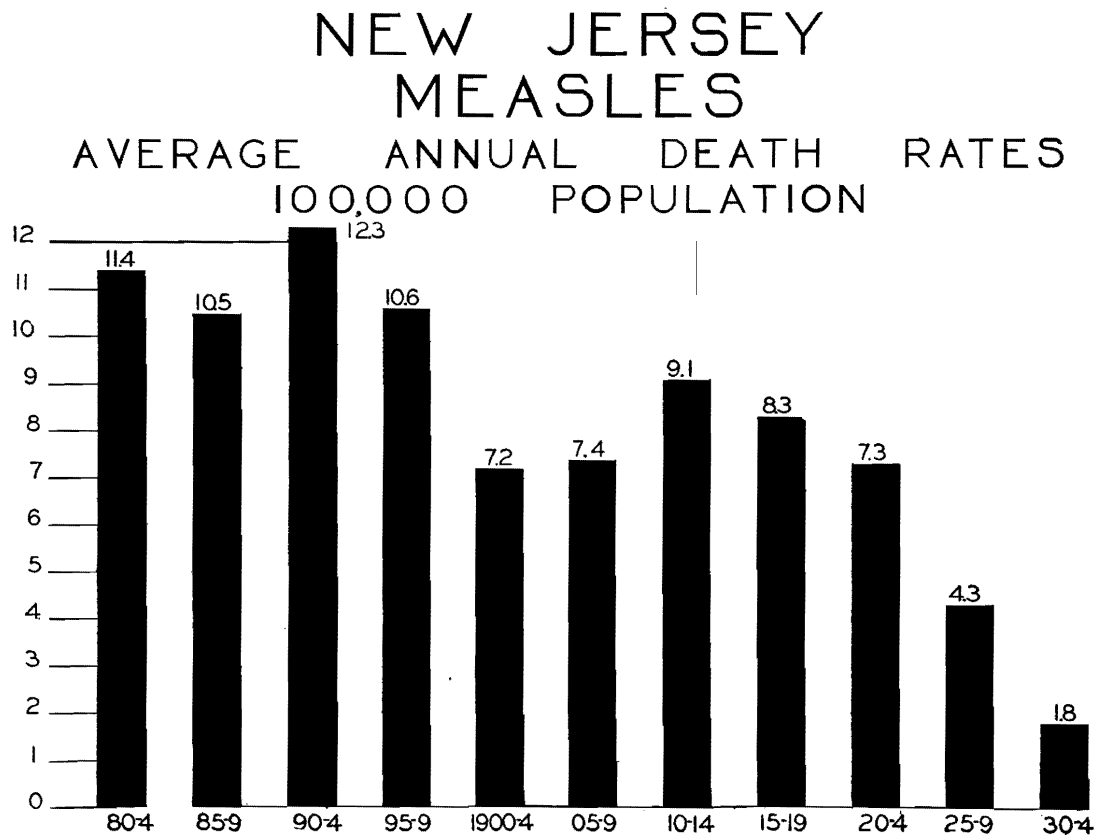
Malaria—As the following figures show, deaths during recent years from this affection are practically negligible in this State:

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.

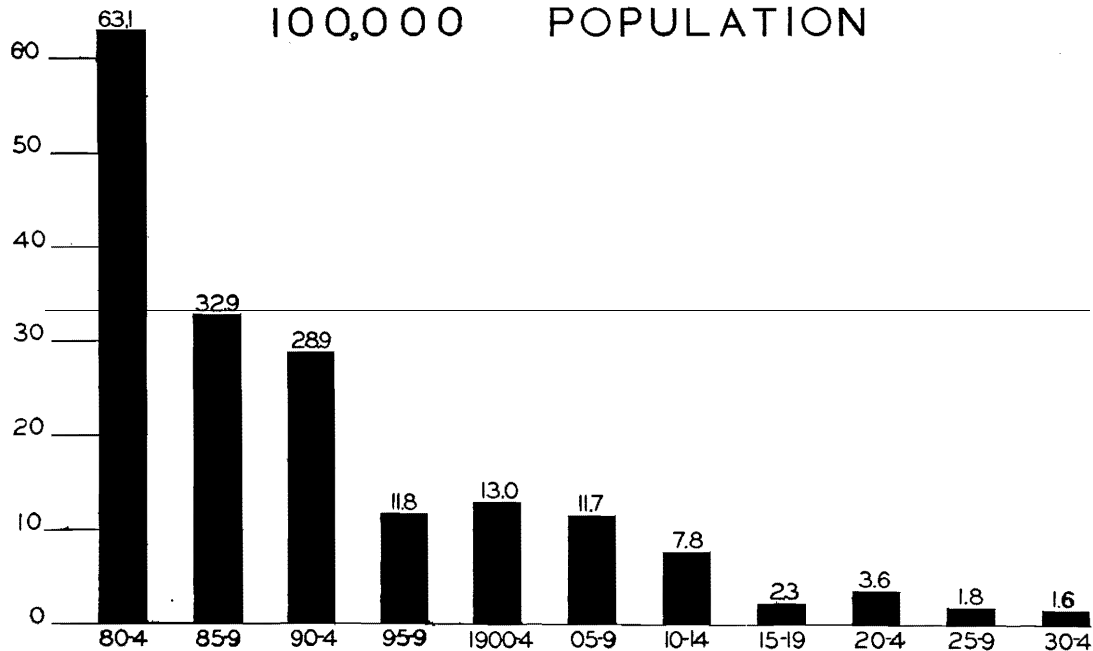
Measles—This disease was responsible for 55 deaths during 1935. During the preceding year 50 deaths occurred. The 1935 death rate per 100,000 population was 1.2.

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.



NEW JERSEY SCARLET FEVER

AVERAGE ANNUAL DEATH RATES
100,000 POPULATION

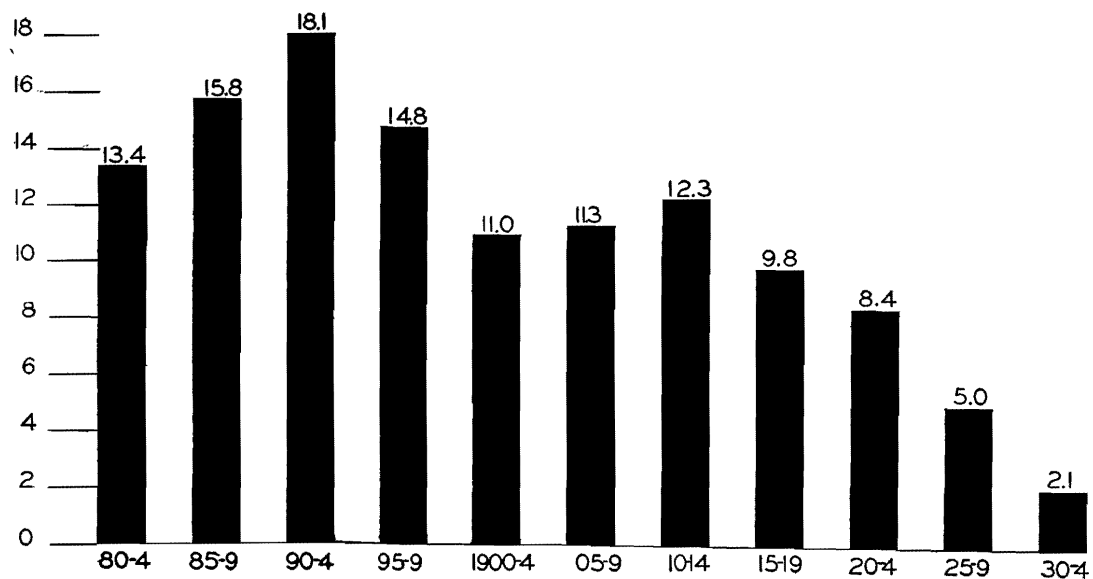


DEPARTMENT OF HEALTH

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.

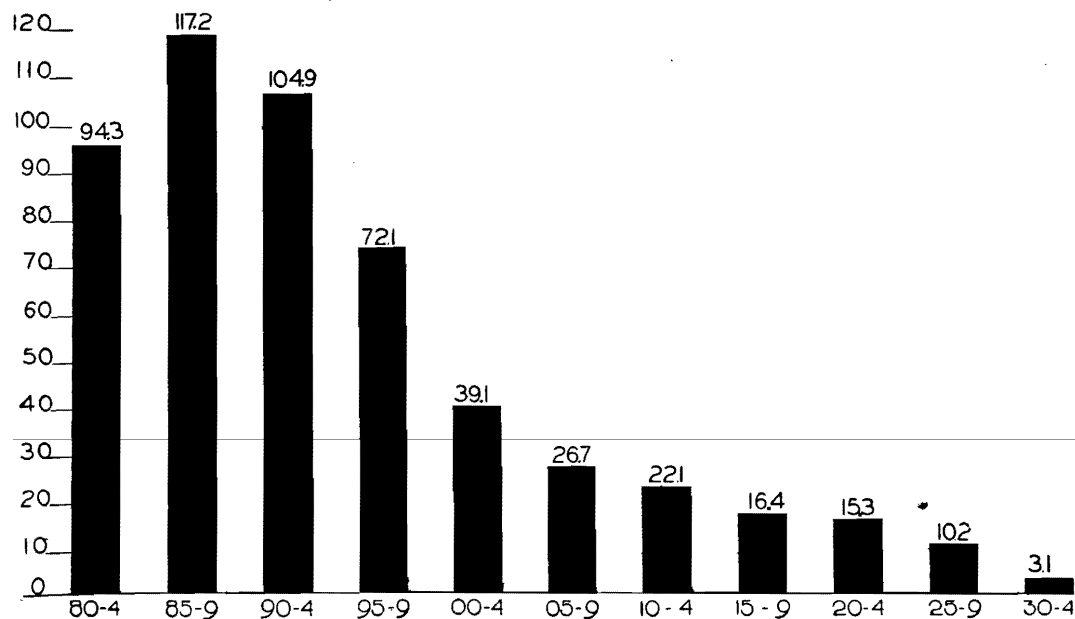
Diphtheria—During 1935 only 48 persons died from diphtheria and laryngeal croup, equivalent to a rate of 1.1 per 100,000 population, compared with 1.3 for the previous year and 1.2 for 1933. The death rate from diphtheria for 1888 was 148 per 100,000 population. During the decade beginning with 1900 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



BUREAU OF VITAL STATISTICS

211

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.

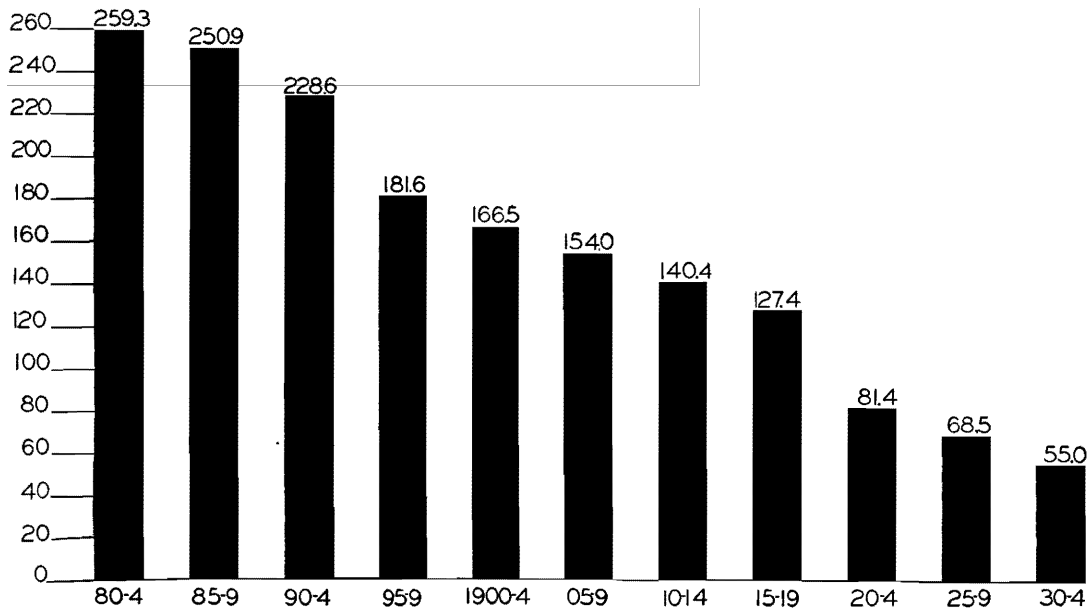
TABLE 11—AVERAGE ANNUAL DEATH RATES FROM ALL CAUSES AND FROM RESPIRATORY TUBERCULOSIS FOR 57 YEARS, COMPARED WITH RATES FOR 1935

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

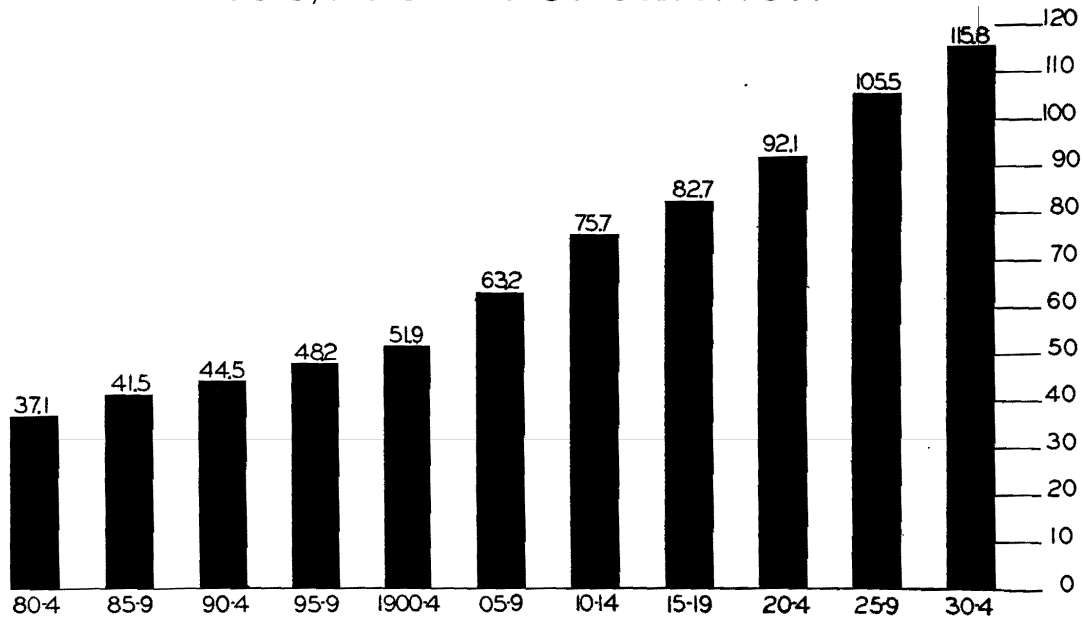


TABLE 12—DEATHS FROM CANCER AND OTHER MALIGNANT TUMORS BY ORGAN AFFECTED: NEW JERSEY, 1935

CANCER AND OTHER MALIGNANT TUMORS	AGE PERIODS																					
	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	Total	
Buccal Cavity and Pharynx—																						
Male					1				1	8	9	8	19	20	27	22	16		4	1	3	139
Female									1	1	6	1	1	2	6	3	3		3	3	...	30
Total					1				2	9	15	9	20	22	33	25	19		7	4	3	169
Digestive Tract and Peritoneum—																						
Male				2	3	3	11	10	29	40	101	138	218	230	264	203	134	64	20	4	1474	
Female						3	2	18	28	47	69	95	146	180	229	176	156	83	41	11	1284	
Total				2	3	6	13	28	57	87	170	233	364	410	493	379	290	147	61	15	2758	
Respiratory System—																						
Male					4	2	...	3	5	10	21	30	40	31	22	16	9		5	3	...	201
Female			1		1	1		1	6	3	8	11	10	4	9	7	6	68
Total			1		5	3		4	11	13	29	41	50	35	31	23	15		5	3	...	269
Uterus—Female						1	7	14	37	47	52	71	81	54	59	53	36		17	6	1	536
Other Female Genital Organs						1	5	1	10	16	19	22	23	14	15	10	3		3	1	...	143
Breast—																						
Male											2				1	2		1				6
Female						1	1	12	29	30	58	68	68	56	56	40	42	19	11	2	493	
Total						1	1	12	29	30	60	68	68	57	58	40	43	19	11	2	499	
Male Genitourinary Organs		1			3	2	3	1	6	9	11	27	47	57	84	74	62	39	5	2	433	
Skin																						
Male										1	...	2	6	1	7	4	9		1	4	...	35
Female						1	1				1	1	4	1	5	6	2	4	2	1	29	
Total						1	1			1	1	3	10	2	12	10	11	5	6	1	64	
Other or Unspecified Organs—																						
Male		2	2	5	6	5	...	3	8	12	12	19	24	22	22	13	8		7	3	1	174
Female		1	2	1	5	1	3	6	10	17	12	20	27	33	40	35	25	17	7	2	264	
Total		3	4	6	11	6	3	9	18	29	24	39	51	55	62	48	33	24	10	3	438	
Total Male		3	2	7	17	12	14	17	49	80	156	224	354	362	428	332	239	120	36	10	2462	
Total Female		2	2	1	6	9	19	52	121	161	225	289	360	344	419	330	273	146	71	17	2847	
Total Male and Female		5	4	8	23	21	33	69	170	241	381	513	714	706	847	662	512	286	107	27	5309	

BUREAU OF VITAL STATISTICS

215

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 fire-arms 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 .....	...	...	3	2	1	3	1	3	3	4	2	1	...	2	...	...	...	...	25
Female .....	...	2	2	5	1	3	5	1	1	3	1	...	...	...	...	...	...	...	24
Total .....	...	2	5	7	2	6	6	4	4	7	3	1	...	2	...	...	...	...	49
Poisonous gas—																			
Male .....	...	...	9	8	5	11	13	16	14	17	10	11	10	4	...	...	...	...	128
Female	1	1	1	7	9	7	4	5	7	9	2	...	4	2	...	...	...	...	59
Total	1	1	10	15	14	18	17	21	21	26	12	11	14	6	...	...	...	...	187
Hanging or strangulation—																			
Male	1	2	4	6	8	3	10	15	15	16	13	8	8	4	2	...	...	...	115
Female .....	...	...	...	1	1	1	1	2	4	5	2	1	1	1	1	...	...	...	21
Total	1	2	4	7	9	4	11	17	19	21	15	9	9	5	3	...	...	...	136
Drowning—																			
Male .....	...	1	2	1	...	...	3	1	3	3	1	2	...	...	1	...	...	...	18
Female .....	...	...	...	1	...	...	3	2	...	1	1	2	...	...	...	...	...	...	10
Total .....	...	1	2	2	...	...	6	3	3	4	2	4	...	...	1	...	...	...	28
Firearms—																			
Male .....	...	...	9	9	7	10	10	9	13	14	13	13	2	4	2	1	...	...	116
Female .....	...	...	1	1	2	1	1	2	1	...	...	...	...	...	...	...	...	...	9
Total .....	...	...	10	10	9	11	11	11	14	14	13	13	2	4	2	1	...	...	125
Cutting or piercing instruments—																			
Male .....	...	...	...	1	...	1	3	3	3	5	2	1	...	...	1	...	...	...	20
Female .....	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	3
Total .....	...	...	...	1	1	1	3	3	3	5	3	1	...	1	1	...	...	...	23

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	<i>Pedestrians struck by motor vehicles</i>		<i>Deaths from other motor vehicle accidents</i>		<i>Totals</i>	
	<i>Residents</i>	<i>Non-Residents</i>	<i>Residents</i>	<i>Non-Residents</i>	<i>Residents</i>	<i>Non-Residents</i>
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

BUREAU OF VITAL STATISTICS

219

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

	<i>Males</i>		<i>Females</i>	
	<i>White</i>	<i>Colored</i>	<i>White</i>	<i>Colored</i>
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		

DEPARTMENT OF HEALTH

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 .....	..	38	62
6	Whooping cough .....	.2	53	47
7	Diphtheria .....	.1	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	69	31
13	Malaria .....	..	66	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	28.2	54	46
25	Other diseases of the circulatory system	1.9	52	48
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	7.8	50	50
34	Other diseases of the genitourinary system	1.3	63	37
35	Puerperal septicemia .....	..	..	100
36	Other diseases of pregnancy, childbirth and the puer- peral 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	69	31
43	Cause of death not specified or ill-defined .....	..	66	34
	All causes	100.0	53.4	46.6

BUREAU OF VITAL STATISTICS

221

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	18.1
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	285.1	284.3	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	5.5	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

Abridged Interna- tional 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	3	2	1	1	2	2	1	4	2	4	2	2
2	Typhus fever	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	55	.....	6	6	15	17	8	1	1	1	.....	.....	.....
5	Scarlet fever	25	2	4	1	5	5	6	1	.....	.....	.....	.....	1
6	Whooping cough	98	14	11	9	9	11	7	6	7	7	5	6	6
7	Diphtheria	48	5	2	3	6	6	3	1	2	1	7	2	10
8	Influenza	393	133	54	57	31	29	13	4	6	12	8	21	25
9	Plague .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	1922	176	139	171	195	185	160	155	143	153	174	134	137
11	Other forms of tuberculosis	221	12	13	21	21	26	20	14	19	16	15	20	24
12	Syphilis	327	28	37	35	24	29	28	25	27	22	20	19	33
13	Malaria	6	.....	.....	.....	.....	.....	1	.....	2	.....	1	2	.....
14	Other infectious and parasitic diseases	286	20	26	32	29	26	20	24	22	26	22	14	25
15	Cancer and other malignant tumors	5309	450	388	427	474	482	435	466	417	470	432	418	450
16	Tumors, nonmalignant, or of which the nature is not specified	255	20	22	24	19	20	26	25	16	18	28	16	21
17	Chronic rheumatism and gout	51	2	6	5	2	10	3	7	4	2	2	2	6
18	Diabetes mellitus	1226	123	131	92	109	99	100	91	91	91	87	91	121
19	Alcoholism (acute or chronic)	86	12	8	5	5	6	3	5	4	7	7	17	7
20	Other general diseases and chronic poisonings	701	64	50	58	67	69	71	55	37	51	61	58	60
21	Progressive locomotor ataxia and general paralysis of the insane	187	15	15	14	20	15	19	24	9	4	20	19	13
22	Cerebral hemorrhage, cerebral embolism and thrombosis	3256	335	272	321	283	298	232	235	251	243	248	246	292
23	Other diseases of the nervous system and of the organs of special sense	593	61	69	58	45	50	50	53	43	48	40	27	49
24	Diseases of the heart	12226	1276	1087	1140	1104	1061	907	881	825	860	978	932	1155
25	Other diseases of the circulatory system	857	84	70	68	81	94	83	69	51	54	65	52	88
26	Bronchitis	124	10	14	15	12	9	10	8	5	7	6	8	20
27	Pneumonias	2712	415	321	355	284	237	145	90	86	89	186	152	352

28	Other diseases of the respiratory system (tuberculosis excepted)	286	30	25	23	30	27	18	26	21	21	19	23	23
29	Diarrhea and enteritis	236	23	18	15	15	16	18	19	32	21	18	17	24
30	Appendicitis	481	40	33	52	44	44	42	36	50	30	41	35	34
31	Diseases of the liver and biliary passages	695	54	68	67	62	74	54	56	42	39	60	52	67
32	Other diseases of the digestive system	1046	94	86	81	101	90	79	99	92	86	74	91	73
33	Nephritis	3388	351	299	325	301	308	279	265	209	245	261	242	303
34	Other diseases of the genitourinary system	566	53	54	52	43	47	46	33	44	56	50	30	58
35	Puerperal septicemia	105	12	7	9	5	14	7	5	6	9	8	9	14
36	Other diseases of pregnancy, childbirth and the puerperal state	144	13	16	8	15	12	14	9	11	19	7	9	11
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	125	13	9	5	6	10	18	16	14	11	9	7	7
38	Congenital debility and malformations, premature birth and other diseases of early infancy	1608	144	121	147	150	131	134	139	120	133	121	128	140
39	Senility	129	14	15	5	13	14	11	17	10	3	6	9	12
40	Suicide	593	53	40	61	44	47	58	47	39	50	47	49	58
41	Homicide	178	9	11	15	13	18	22	14	16	15	13	18	14
42	Violent and accidental deaths (suicide and homicide excepted)	2666	197	207	225	222	204	217	269	213	193	250	221	248
43	Cause of death not specified or ill-defined	30	8	4	....	....	1	2	3	....	4	2	2	4
	All causes	43,267	4369	3760	4006	3905	3843	3371	3294	2991	3119	3402	3220	3987

[illegible]

[illegible]

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																											
		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		
12	Syphilis—																												
	Total	327	25	1	...	1	...	27	2	2	2	6	14	18	25	29	52	43	38	36	11	18	3	...	1	...	...
	Males—White	141	10	...	...	...	...	10	1	1	...	1	3	4	7	12	24	18	21	25	9	4	...	...	1	...	...
	Males—Colored	87	4	1	...	1	...	6	...	1	...	1	5	6	8	11	15	12	9	2	2	8	1	...	...	...	...
	Females—White	44	3	...	...	...	...	3	1	...	...	3	2	1	4	1	6	8	5	5	...	4	1	...	...	...	...
	Females—Colored	55	8	...	...	...	...	8	...	...	2	1	4	7	6	5	7	5	3	4	...	2	1	...	...	...	...
13	Malaria—																												
	Total	6	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	1	...	...	1	1	...	...	...	...
	Males—White	4	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1	1	...	...	...	...
	Males—Colored .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Females—White	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...
	Females—Colored .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	Other infectious and parasitic diseases—																												
	Total	286	28	11	4	7	7	57	21	16	14	11	20	20	20	16	18	20	10	12	14	6	6	3	1	1	...		
	Males—White	154	13	5	4	2	4	28	13	11	10	7	6	10	9	7	11	12	7	8	9	...	4	2	...	...	...
	Males—Colored	13	1	2	...	...	...	3	...	2	...	1	2	1	1	1	1	...	1	...	...	...	...	...	...	...	...
	Females—White	106	13	3	...	4	2	22	8	3	4	3	11	7	7	6	6	7	2	4	5	6	2	1	1	1	...		
	Females—Colored	13	1	1	...	1	1	4	...	...	...	...	1	2	3	2	...	1	...	...	...	...	...	...	...	...	...
15	Cancer and other malignant tumors—																												
	Total	5309	...	2	...	1	2	5	4	8	19	25	33	69	170	241	381	545	682	706	847	662	512	266	107	27	...		
	Males—White	2370	...	1	...	1	...	2	2	6	13	15	13	17	45	76	152	242	299	351	418	321	236	118	35	9	...		
	Males—Colored	92	...	...	...	...	1	1	...	1	...	1	1	...	4	4	4	14	23	11	10	11	3	2	1	1	...
	Females—White	2715	...	1	...	...	1	2	2	1	6	7	16	48	108	154	210	273	342	327	402	317	271	142	70	17	...
	Females—Colored	132	...	...	...	...	...	...	...	...	2	3	4	13	7	15	16	18	17	17	13	2	4	1	...	...	...
16	Tumors, nonmalignant, or of which the nature is not specified—																												
	Total	255	3	2	...	2	1	8	8	3	4	8	10	19	31	36	44	30	23	7	9	8	4	2	1	...	...
	Males—White	77	1	2	...	...	1	4	4	2	3	4	4	7	8	5	7	7	10	2	3	4	2	1	...	...	...
	Males—Colored	5	1	...	...	...	...	2	...	...	...	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...	...
	Females—White	136	1	...	...	1	...	2	3	1	1	2	3	7	15	22	31	21	12	8	5	4	2	1	1	...	...
	Females—Colored	37	...	...	...	...	...	1	...	...	...	2	3	5	7	8	5	2	1	2	1	...	...	...	...	...	...

[illegible]

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																											
		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		
24	Diseases of the heart—	12226	10	5	3	5	3	26	30	72	90	87	117	150	244	425	698	891	1195	1479	1626	1716	1552	1048	536	244	...		
	Total	6277	4	2	1	2	1	10	13	34	43	48	54	61	124	245	417	526	678	844	851	861	746	441	211	70	...		
	Males—White	373	1	...	...	...	...	2	...	1	2	3	3	19	23	24	48	44	48	51	33	37	14	11	6	4	...
	Males—Colored	5269	4	3	2	2	2	13	15	36	42	34	55	63	82	121	207	298	431	556	709	782	774	577	311	163	...		
	Females—White	307	1	...	...	...	...	1	2	1	3	2	5	7	15	35	26	23	38	28	33	36	18	19	8	7	...
	Females—Colored .....																										...
25	Other diseases of the circulatory system—	857	1	1	...	1	...	3	1	4	...	2	5	10	14	23	27	38	45	52	84	120	153	132	90	54	...		
	Total	421	...	...	...	1	...	1	...	3	...	1	2	8	5	13	12	22	27	25	50	63	79	57	30	23	...
	Males—White	30	...	...	...	...	...	...	...	...	...	...	1	3	6	2	2	2	...	4	3	4	1	2	1	1	...
	Males—Colored	388	1	...	...	...	...	1	1	1	...	1	3	1	3	4	11	13	18	22	29	52	70	72	57	29	...
	Females—White	18	...	1	...	...	...	1	...	...	...	...	...	...	3	...	2	1	...	1	2	1	3	1	2	1	...
	Females—Colored .....																										...
26	Bronchitis—	124	11	...	1	...	2	14	...	2	1	2	3	...	5	5	3	4	9	9	7	11	15	21	11	2	...		
	Total	55	3	...	...	...	1	4	...	1	1	1	1	...	3	2	3	3	4	7	3	5	4	8	6	...	...
	Males—White	3	2	...	...	...	...	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Males—Colored	61	5	...	...	...	1	6	...	1	...	1	1	...	2	3	...	1	5	1	4	6	10	13	6	1	...
	Females—White	5	1	...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...
	Females—Colored .....																										...
27	Pneumonias—	2712	435	104	47	16	17	619	71	37	38	40	65	81	125	135	142	166	182	198	214	225	159	112	64	38	1		
	Total	1273	193	46	24	7	8	278	29	12	18	15	26	40	57	83	70	88	99	101	102	98	76	49	21	11	...		
	Males—White	188	46	12	3	2	1	64	4	...	2	3	9	9	24	14	13	15	5	7	9	5	2	2	...	1	...		
	Males—Colored	1099	152	42	17	7	7	225	33	19	14	18	22	23	39	28	46	56	69	85	98	117	78	61	43	25	...		
	Females—White	152	44	4	3	...	1	52	5	6	4	4	8	9	5	10	13	7	9	5	5	5	3	...	...	2	...
	Females—Colored .....																										...
28	Other diseases of the respiratory system (tuberculosis excepted)—	286	21	13	4	6	2	46	7	7	5	10	4	6	9	22	20	23	31	30	17	15	12	11	8	3	...		
	Total	162	11	7	4	5	1	28	3	4	4	6	1	3	5	13	15	13	21	19	9	4	8	2	4	...	...
	Males—White	15	2	...	...	...	...	2	1	1	1	1	1	...	2	...	3	1	...	1	1	1	...	...	...	...	...
	Males—Colored	97	7	5	...	1	1	14	3	2	...	3	2	2	3	5	4	6	8	11	7	9	4	8	4	2	...		
	Females—White	12	1	1	...	...	...	2	...	...	...	...	1	1	...	2	1	1	1	...	...	1	...	1	...	1	...
	Females—Colored .....																										...

[illegible]

[illegible]

[illegible]

TABLE 18.—DEATHS (exclusive of stillbirths) BY CAUSES, BY DAYS, WEEKS AND MONTHS OF THE FIRST YEAR OF LIFE, IN NEW JERSEY—1935

Abridged International List Number		CAUSE OF DEATH	AGE UNDER 1 YEAR, IN COMPLETED DAYS, WEEKS AND MONTHS														
			Under 1 Year	DAYS				WEEKS				MONTHS					
				Under 1	One	Two	3 to 6	Under 1	One	Two	Three	Under 1	One	Two	3 to 5	6 to 8	9 to 11
			2539	807	169	141	177	1294	122	76	68	1560	212	145	251	222	149
1		All causes	1												1		
2		Typhoid and paratyphoid fever															
3		Typhus fever															
4		Smallpox														4	3
5		Measles														1	1
6		Scarlet fever															
7		Whooping cough										1	14	9	12	15	6
8		Diphtheria														1	
9		Influenza										3	3	4	9	8	2
10		Plague															
11		Tuberculosis of the respiratory system													1	1	5
12		Other forms of tuberculosis														3	5
13		Syphilis															
14		Malaria															
15		Other infectious and parasitic diseases															
16		Cancer and other malignant tumors															
17		Tumors, nonmalignant, or of which the nature is not specified														1	1
18		Chronic rheumatism and gout															
19		Diabetes mellitus															
20		Alcoholism (acute or chronic)															
21		Other general diseases and chronic poisonings															
22		Progressive locomotor ataxia and general paralysis of the insane															
23		Cerebral hemorrhage, cerebral embolism and thrombosis														2	
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		Bronchitis															

27	Pneumonias	435	1	4	5	13	23	6	13	16	58	58	45	109	103	62
28	Other diseases of the respiratory system (tuberculosis excepted)	21							1		1	2	3	8	4	3
29	Diarrhea and enteritis	130			1	2	8	6	10	5	24	23	19	23	24	17
30	Appendicitis	2				1	1				1					1
31	Diseases of the liver and biliary passages	1												1		
32	Other diseases of the digestive system	29		1		1	2		1	3	6	3	2	5	5	8
33	Nephritis	2						1			1		1			
34	Other diseases of the genitourinary system	2												1		1
35	Puerperal septicemia															
36	Other diseases of pregnancy, childbirth and the puerperal state															
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	6						1			1	3		1	1	
38	Congenital debility and malformations, premature birth and other diseases of early infancy...	1583	797	155	132	149	1233	100	42	36	1411	75	30	41	13	13
39	Senility															
40	Suicide															
41	Homicide	5	2	1			3				3				2	
42	Violent and accidental deaths (suicide and homicide excepted)	28	1	1			2			1	3	5	3	7	6	4
43	Cause of death not specified or ill-defined	1	1				1				1					

TABLE 19.—DEATHS (exclusive of stillbirths) UNDER ONE YEAR OF AGE, BY CAUSES AND MONTHS OF DEATH, IN NEW JERSEY—1935

Abridged International List Number	CAUSE OF DEATH	MONTH OF DEATH												
		Total	January	February	March	April	May	June	July	August	September	October	November	December
1	All causes	2539	245	246	261	235	222	189	190	161	177	194	200	219
2	Typhoid and paratyphoid fever	1	1											
3	Typhus fever													
4	Smallpox													
5	Measles	7			1	3	2	1						
6	Scarlet fever	2						1	1					
7	Whooping cough	57	7	9	4	6	8	4		3	3	5	3	4
8	Diphtheria	2			1									1
9	Influenza	29	9	5	5		3		1				4	2
10	Plague													
11	Tuberculosis of the respiratory system	7		1	1		2		1	1				1
12	Other forms of tuberculosis	9	1	1	1	2	2						1	1
13	Syphilis	25	3	1	4	2	4	2				3	4	2
14	Malaria													
15	Other infectious and parasitic diseases	28	1	5	1	5	3	4		1	1	4	1	2
16	Cancer and other malignant tumors													
17	Tumors, nonmalignant, or of which the nature is not specified	3		1			1				1			
18	Chronic rheumatism and gout													
19	Diabetes mellitus													
20	Alcoholism (acute or chronic)													
21	Other general diseases and chronic poisonings	52	5	5	3	4	5	3	2		5	8	5	7
22	Progressive locomotor ataxia and general paralysis of the insane													
23	Cerebral hemorrhage, cerebral embolism and thrombosis	2					1						1	
24	Other diseases of the nervous system and of the organs of special sense	48	4	9	5	4	4	2	6	1	4	3	3	3
25	Diseases of the heart	10	1				1	1	1		3	1	2	
26	Other diseases of the circulatory system	1						1						

26	Bronchitis	11	1	4	1						2	1	2
27	Pneumonias	435	52	68	67	43	38	20	18	11	18	34	30
28	Other diseases of the respiratory system (tuberculosis excepted)	21		3		4	1	2	3		4		2
29	Diarrhea and enteritis	130	16	10	10	9	11	8	8	18	11	8	12
30	Appendicitis	2			1							1	
31	Diseases of the liver and biliary passages	1											1
32	Other diseases of the digestive system	29	1	3	1	4	5	4	4	3	1		1
33	Nephritis	2			2								
34	Other diseases of the genitourinary system	2				1			1				
35	Puerperal septicemia												
36	Other diseases of pregnancy, childbirth and the puerperal state												
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion												
38	Congenital debility and malformations, premature birth and other diseases of early infancy	6	1	1				1	1	1		1	
39	Senility	1583	140	120	146	146	130	133	139	119	125	119	127
40	Senility												
41	Suicide	5			2	1							
42	Homicide								2				
43	Violent and accidental deaths (suicide and homicide excepted)	28	1	4	2	1		2	1	3	1	5	3
44	Cause of death not specified or ill-defined	1	1										5

DEPARTMENT OF HEALTH

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

	State Total	Atlantic County	Atlantic City	Hammonon	Pleasantville	Bergen County	Bergenfield	Cliffside Park	Englewood	Fairview	Fort Lee	Garfield	Hackensack
1. Typhoid fever	22	8	3	...	...	4	...	...	...	...	...	...	2
2. Paratyphoid fever	4	2	...	2	...	...	...	...	...	...	...	...	...
3. Typhus fever	1	...	...	...	...	...	...	...	...	...	...	...	...
4. Relapsing fever	1	...	...	...	...	...	...	...	...	...	...	...	...
5. Undulant fever	1	...	...	...	...	...	...	...	...	...	...	...	...
6. Smallpox .....	...	...	...	...	...	...	...	...	...	...	...	...	...
7. Measles	55	...	...	...	...	4	...	...	...	...	...	...	...
8. Scarlet fever	25	...	...	...	...	3	...	...	...	...	...	...	...
9. Whooping cough	98	3	2	...	1	7	...	...	...	...	...	1	2
10. Diphtheria	48	1	1	...	...	4	...	...	...	...	...	2	...
11. Influenza	393	29	18	1	5	27	1	2	1	1	...	...	1
12. Cholera .....	...	...	...	...	...	...	...	...	...	...	...	...	...
13. Dysentery	8	1	...	...	...	...	...	...	...	...	...	...	...
14. Plague .....	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Erysipelas	56	...	...	...	...	7	...	1	1	...	1	...	...
16. Acute poliomyelitis and acute polioencephalitis	35	...	...	...	...	4	...	...	...	...	...	1	...
17. Lethargic or epidemic encephalitis	26	1	...	...	1	2	...	...	1	...	...	...	...
18. Epidemic cerebrospinal meningitis	32	...	...	...	...	5	...	...	...	1	...	1	...
19. Glanders .....	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Anthrax (bacillus anthracis) malignant pustule .....	...	...	...	...	...	...	...	...	...	...	...	...	...
21. Rabies	1	...	...	...	...	...	...	...	...	...	...	...	...
22. Tetanus	14	1	1	...	...	1	...	...	...	1	...	...	...
23. Tuberculosis of the respiratory system....	1922	63	36	1	9	142	1	8	9	3	4	14	10
24. Tuberculosis of the meninges and central nervous system	57	5	4	...	...	2	...	...	...	...	...	...	...
25. Tuberculosis of the intestines and peritoneum	30	1	1	...	...	2	...	...	...	...	...	1	...
26. Tuberculosis of the vertebral column....	27	...	...	...	...	...	...	...	...	...	...	...	...
27. Tuberculosis of the bones and joints....	14	...	...	...	...	3	...	1	...	...	...	...	...
28. Tuberculosis of the skin and subcutaneous cellular tissue .....	...	...	...	...	...	...	...	...	...	...	...	...	...
29. Tuberculosis of the lymphatic system....	4	1	1	...	...	...	...	...	...	...	...	...	...
30. Tuberculosis of the genitourinary system....	22	...	...	...	...	6	...	...	...	...	...	...	1
31. Tuberculosis of other organs	4	...	...	...	...	...	...	...	...	...	...	...	...
32. Disseminated tuberculosis	63	...	...	...	...	3	...	...	...	...	...	...	...
33. Leprosy .....	...	...	...	...	...	...	...	...	...	...	...	...	...
34. Syphilis	327	24	17	...	2	28	...	2	2	...	2	1	6
35. Gonococcus infection and other venereal diseases	26	...	...	...	...	2	...	...	...	...	...	...	2
36. Purulent infection, septicemia	62	1	1	...	...	4	...	...	1	...	...	...	1
37. Yellow fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...
38. Malaria	6	...	...	...	...	...	...	...	...	...	...	...	...
39. Other diseases due to protozoal parasites..	1	...	...	...	...	...	...	...	...	...	...	...	...
40. Ankylostomiasis .....	...	...	...	...	...	...	...	...	...	...	...	...	...
41. Hydatid cysts	1	...	...	...	...	...	...	...	...	...	...	...	...
42. Other diseases caused by helminths	3	...	...	...	...	...	...	...	...	...	...	...	...
43. Mycoses	5	...	...	...	...	1	...	...	1	...	...	...	...
44. Other infectious and parasitic diseases....	14	1	1	...	...	1	...	...	...	...	...	...	...
45. Cancer and other malignant tumors of the buccal cavity and pharynx	169	9	3	...	1	13	...	2	2	...	...	...	...
46. Cancer and other malignant tumors of the digestive tract and peritoneum	2758	96	41	3	14	251	4	14	6	1	9	8	22
47. Cancer and other malignant tumors of the respiratory system	269	3	2	...	...	25	...	...	4	1	2	...	2
48. Cancer and other malignant tumors of the uterus	536	32	13	1	3	42	1	3	4	...	...	1	5
49. Cancer and other malignant tumors of other female genital organs	143	6	4	...	...	22	1	...	1	1	...	...	1
50. Cancer and other malignant tumors of the breast	499	20	6	1	1	42	2	1	5	3	1	...	5
51. Cancer and other malignant tumors of the male genitourinary organs	433	20	10	...	...	42	3	...	3	3	2	...	5
52. Cancer and other malignant tumors of the skin	64	2	...	...	...	2	...	...	...	...	...	...	...
53. Cancer and other malignant tumors of other or unspecified organs	438	21	16	...	1	86	...	...	2	2	1	1	3

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

[illegible]

DEPARTMENT OF HEALTH

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
1. Typhoid fever .....	..	..	..	..	..	..	..	..	..	..	..
2. Paratyphoid fever .....	..	..	..	..	..	..	..	..	..	..	..
3. Typhus fever .....	..	..	..	..	..	..	..	..	..	..	..
4. Relapsing fever .....	..	..	..	..	..	..	..	..	..	..	..
5. Undulant fever .....	..	..	..	..	..	..	..	..	..	..	..
6. Smallpox .....	..	..	..	..	..	..	..	..	..	..	..
7. Measles .....	..	..	..	..	11	..	..	1	..	..	..
8. Scarlet fever	1	1	..	1	1	..	..	..	..	2	..
9. Whooping cough	1	1	1	..	21	..	1	..	1	3	..
10. Diphtheria .....	..	..	..	..	1	1	..	..	..	1	1
11. Influenza	1	10	..	1	23	2	4	..	..	12	1
12. Cholera .....	..	..	..	..	..	..	..	..	..	..	..
13. Dysentery .....	..	..	..	..	..	..	..	..	..	..	..
14. Plague .....	..	..	..	..	..	..	..	..	..	..	..
15. Erysipelas	1	..	2	..	5	..	..	..	..	1	1
16. Acute poliomyelitis and acute polioencephalitis .....	..	2	1	..	4	..	..	..	..	..	..
17. Lethargic or epidemic encephalitis .....	..	..	..	..	2	..	..	1	..	1	..
18. Epidemic cerebrospinal meningitis .....	..	..	..	1	3	..	..	..	..	1	1
19. Glanders .....	..	..	..	..	..	..	..	..	..	..	..
20. Anthrax (bacillus anthracis) malignant pustule .....	..	..	..	..	..	..	..	..	..	..	..
21. Rabies .....	..	..	..	..	..	..	..	..	..	..	..
22. Tetanus .....	..	..	..	..	2	..	1	..	..	1	..
23. Tuberculosis of the respiratory system	8	22	23	12	326	4	22	5	12	32	2
24. Tuberculosis of the meninges and central nervous system	1	..	..	..	9	..	..	..	..	1	..
25. Tuberculosis of the intestines and peritoneum .....	..	..	..	..	8	..	..	..	..	..	..
26. Tuberculosis of the vertebral column .....	..	1	..	..	5	..	..	..	..	1	..
27. Tuberculosis of the bones and joints .....	..	..	..	..	1	..	..	1	..	1	..
28. Tuberculosis of the skin and subcutaneous cellular tissue .....	..	..	..	..	..	..	..	..	..	..	..
29. Tuberculosis of the lymphatic system .....	..	..	..	..	1	..	..	..	..	1	..
30. Tuberculosis of the genitourinary system .....	..	3	..	..	2	..	..	..	..	..	..
31. Tuberculosis of other organs .....	..	..	..	..	1	..	..	..	..	..	..
32. Disseminated tuberculosis	2	2	1	..	10	..	..	..	1	..	..
33. Leprosy .....	..	..	..	..	..	..	..	..	..	..	..
34. Syphilis .....	..	3	2	2	82	..	3	1	2	4	1
35. Gonococcus infection and other venereal diseases .....	..	2	..	..	2	..	..	..	..	..	..
36. Purulent infection, septicemia	1	1	1	1	2	..	2	..	1	1	1
37. Yellow fever .....	..	..	..	..	..	..	..	..	..	..	..
38. Malaria .....	..	1	..	..	..	..	..	..	..	..	..
39. Other diseases due to protozoal parasites .....	..	..	..	..	..	..	..	..	..	..	..
40. Ankylostomiasis .....	..	..	..	..	..	..	..	..	..	..	..
41. Hydatid cysts .....	..	..	..	..	1	..	..	..	..	..	..
42. Other diseases caused by helminths .....	..	..	..	..	..	..	..	..	..	1	..
43. Mycoses .....	..	..	..	..	2	..	..	..	..	..	..
44. Other infectious and parasitic diseases .....	..	..	2	..	..	..	..	..	..	1	..
45. Cancer and other malignant tumors of the buccal cavity and pharynx .....	..	3	1	..	19	..	1	..	3	5	1
46. Cancer and other malignant tumors of the digestive tract and peritoneum	31	43	38	27	293	13	22	10	18	41	6
47. Cancer and other malignant tumors of the respiratory system	1	2	4	8	40	..	1	..	..	4	..
48. Cancer and other malignant tumors of the uterus	6	12	13	7	51	1	11	1	3	5	1
49. Cancer and other malignant tumors of other female genital organs	2	2	5	3	11	2	..	1	1	1	..
50. Cancer and other malignant tumors of the breast	3	16	1	5	52	4	..	4	5	7	1
51. Cancer and other malignant tumors of the male genitourinary organs	3	7	2	3	31	2	6	5	4	9	2
52. Cancer and other malignant tumors of the skin	2	3	..	..	7	..	2	..	2	4	1
53. Cancer and other malignant tumors of other or unspecified organs	6	6	7	7	49	1	5	4	..	10	..

BUREAU OF VITAL STATISTICS

239

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	Sayreville	South Amboy
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...
27	7	1	...	1	14	1	...	1	1	...	...	6	...	2	2	...	...	2	...	...	...
3	...	...	...	1	2	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
7	...	...	...	1	5	...	...	...	1	2	...	...	3	3	7	...	...	1	...	2	2
17	2	...	...	1	11	...	...	1	1	1	...	...	...	...	2	...	1	...	...	...	...
53	11	1	1	2	27	3	1	2	1	7	...	14	1	9	10	2	1	1	...	...	...
...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	1	...	...	1	6	2	...	1	...	...	...	5	1	3	6	...	...	1	2	...	...
4	...	...	...	1	1	2	...	...	1	1	...	2	...	...	1	...	...	...	...	...	...
4	...	...	...	1	1	...	...	...	1	...	...	2	...	...	1	...	...	...	...	...	...
4	1	...	...	1	2	...	...	...	...	...	...	...	...	...	3	...	...	1	2	...	...
...
...
41	36	1	9	30	191	13	2	31	16	10	2	115	4	81	110	8	1	19	31	6	2
7	1	...	...	2	2	1	...	...	1	...	...	3	...	2	4	1	...	...	1	...	...
3	...	...	...	1	1	...	...	...	1	1	...	1	...	...	1	...	...	...	...	...	...
2	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	2	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
...
1	...	...	...	...	1	...	...	...	...	...	...	2	...	...	1	...	...	...	1	...	...
1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
8	...	...	1	2	4	...	...	...	...	1	...	5	...	5	6	1	...	1	1	...	...
33	1	...	...	3	24	...	1	1	1	...	...	18	2	13	15	1	...	5	2	...	...
8	2	...	...	...	1	...	...	1	1	...	...	1	...	1	1	...	...	1	...	...	...
11	8	...	...	...	5	...	1	...	1	2	...	4	...	2	1	...	...	...	...	...	...
1	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
...
1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...
3	...	...	...	...	2	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
27	2	...	...	3	16	2	...	2	...	3	1	5	...	4	5	...	...	...	5	...	...
445	50	4	8	33	213	27	2	47	22	35	8	131	7	87	141	5	5	23	25	6	5
53	7	...	...	4	21	4	...	7	5	...	...	8	...	6	20	1	1	6	4	...	...
71	7	...	...	3	39	7	...	7	4	3	...	24	3	16	20	...	...	4	3	...	2
15	2	...	...	2	6	1	...	2	...	2	...	4	1	3	5	...	1	1	...	...	...
66	6	...	2	8	35	1	2	5	2	7	1	24	2	13	19	...	2	2	2	...	1
58	6	...	1	4	29	2	1	7	5	6	...	17	...	13	14	...	1	2	5	...	...
4	...	1	...	...	2	...	...	...	1	...	...	3	...	2	3	...	...	...	1	...	...
75	5	1	...	7	38	3	...	7	5	3	...	15	...	7	20	1	1	4	2	...	1

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

	South River	Monmouth County	Asbury Park	Long Branch	Red Bank	Morris County	Dover	Madison	Morristown	Ocean County	Passaic County
1. Typhoid fever		2									1
2. Paratyphoid fever											
3. Typhus fever		1									
4. Relapsing fever											
5. Undulant fever											
6. Smallpox											
7. Measles		1									4
8. Scarlet fever		3		2							1
9. Whooping cough		3				5				1	5
10. Diphtheria		2				1	1				3
11. Influenza	1	21	1	3	2	5	1	1		18	33
12. Cholera											
13. Dysentery		1		1							
14. Plague											
15. Erysipelas	2	3	1								2
16. Acute poliomyelitis and acute polioencephalitis		3								1	1
17. Lethargic or epidemic encephalitis						1	1			1	2
18. Epidemic cerebrospinal meningitis		1									2
19. Glanders											
20. Anthrax (bacillus anthracis) malignant pustule											
21. Rabies											
22. Tetanus											
23. Tuberculosis of the respiratory system	4	73	12	4	6	42	12	2	6	15	121
24. Tuberculosis of the meninges and central nervous system		1				1		1			7
25. Tuberculosis of the intestines and peritoneum	1	1	1			3	1				3
26. Tuberculosis of the vertebral column		2				1					3
27. Tuberculosis of the bones and joints						1					1
28. Tuberculosis of the skin and subcutaneous cellular tissue											
29. Tuberculosis of the lymphatic system											
30. Tuberculosis of the genitourinary system		3	1		1	1			1		2
31. Tuberculosis of other organs		1									
32. Disseminated tuberculosis		5	1		1	2					2
33. Leprosy											
34. Syphilis	2	28	5	4	2	6		1		2	14
35. Gonococcus infection and other venereal diseases		3	1			1					1
36. Purulent infection, septicemia		8		1		1				3	2
37. Yellow fever											
38. Malaria						2			1		
39. Other diseases due to protozoal parasites											
40. Ankylostomiasis											
41. Hydatid cysts											
42. Other diseases caused by helminths											1
43. Mycoses											
44. Other infectious and parasitic diseases						1					2
45. Cancer and other malignant tumors of the buccal cavity and pharynx		11	1	1	2	7		1		4	14
46. Cancer and other malignant tumors of the digestive tract and peritoneum	12	122	11	9	14	93	9	6	8	27	226
47. Cancer and other malignant tumors of the respiratory system		7				6			1	3	23
48. Cancer and other malignant tumors of the uterus	1	27	2	5	1	17	3		1	8	29
49. Cancer and other malignant tumors of other female genital organs		2	1			2		1			10
50. Cancer and other malignant tumors of the breast	1	32	3	3	2	19	2	2	1	5	26
51. Cancer and other malignant tumors of the male genitourinary organs		24	1	5	1	13	2		1	7	31
52. Cancer and other malignant tumors of the skin		4		1		4			2	1	3
53. Cancer and other malignant tumors of other or unspecified organs	1	20	4			24	3		2	5	35

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

Clifton City	Hawthorne	Passaic City	Faterson	Salem County	Salem City	Somerset County	Bound Brook	North Plainfield	Somerville	Sussex County	Union County	Elizabeth	Linden	Plainfield	Rahway	Roselle	Roselle Park	Summit	Westfield	Warren County	Phillipsburg
.	1	1	1
1	.	2	1	1	1	.	.	.	.	1	4	1	.	.	1	.	.	.	.	.
1	.	1	2	2	2	1	.	.	.	1	9	6	.	1	.	.	1	.	.	2	
6	.	8	12	2	3	7	1	.	2	1	30	12	1	5	4	2	1	1	1	2	
.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
.	.	.	2	.	.	1	.	.	1	1	3	2	.	1	.	.	.	.	1	1
1	.	1	.	.	.	2	1	.	.	.	6	1	.	3	.	.	.	.	3	.
1	.	.	2	1	.	3	.	.	1	.	4	2	.	.	.	1	.	1	1	.	
.	.	.	.	.	.	1	.	1	.	.	5	.	.	.	.	.	.	.	.	.
17	6	20	63	17	4	35	2	1	6	7	132	51	14	15	6	.	4	5	4	10	
1	1	2	3	.	.	2	.	.	1	.	10	4	.	3	.	.	.	.	.	2
.	.	.	1	2	.	1	.	1	.	1	2	1	.	1	.	.	.	.	1	.
.	.	.	2	.	.	1	.	.	.	.	3	1	.	.	.	1	.	.	1	.
1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
.	
.	
.	
.	
.	
1	1	.	.	2	1	1	.	.	.	.	4	1	.	1	.	.	.	2	.	.
.	.	5	8	4	3	2	1	.	1	3	18	10	2	2	.	.	.	.	1	4
1	.	1	.	2	1	1	.	1	.	.	1	1	.	1	.	1	2	.	.	2	
.	
.	
.	
1	1	3	7	1	.	2	.	1	.	2	13	4	.	.	2	3	.	.	.	1	
30	9	47	113	23	9	41	1	7	7	37	186	63	13	22	9	5	8	10	11	32	
1	1	7	9	1	.	2	.	1	1	2	29	7	1	6	1	2	1	1	2	1	
7	5	4	9	5	.	9	1	.	.	3	40	12	3	4	1	5	1	2	.	5	
3	1	3	2	1	.	.	.	.	.	2	14	6	1	.	.	2	.	1	1	.
.	2	2	14	3	3	7	1	.	.	4	36	9	1	5	2	2	1	2	3	5	
4	.	9	12	3	2	14	1	1	1	3	27	9	.	4	1	3	.	1	2	1	
.	.	.	2	.	.	.	.	.	.	1	7	3	.	.	1	.	.	.	3	.
7	2	9	14	4	1	6	.	2	.	4	20	3	.	8	2	.	1	.	3	9	

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

	State Total	Atlantic County	Atlantic City	Hammonton	Pleasantville	Bergen County	Bergenfield	Cliffside Park	Englewood	Fairview	Fort Lee	Garfield	Hackensack
54. Nonmalignant tumors	181	4	3	...	1	19	1	2	...	...	...	1	2
55. Tumors of which the nature is not specified	74	5	5	...	...	8	...	...	1	...	...	1	1
56. Acute rheumatic fever	122	4	2	...	2	8	...	...	...	...	...	1	1
57. Chronic rheumatism, osteoarthritis	51	1	...	...	...	1	...	...	...	...	...	...	...
58. Gout .....	...	...	...	...	...	...	...	...	...	...	...	...	...
59. Diabetes mellitus	1226	38	25	...	2	111	1	3	4	3	5	7	8
60. Scurvy	4	1	...	...	1	1	...	...	1	...	...	...	...
61. Beriberi .....	...	...	...	...	...	...	...	...	...	...	...	...	...
62. Pellagra	3	...	...	...	...	...	...	...	...	...	...	...	...
63. Rickets	3	...	...	...	...	1	...	...	...	...	...	...	...
64. Osteomalacia .....	...	...	...	...	...	...	...	...	...	...	...	...	...
65. Diseases of the pituitary body	1	...	...	...	...	...	...	...	...	...	...	...	...
66. Diseases of the thyroid and parathyroid glands	148	3	1	...	1	10	...	...	1	...	...	2	...
67. Diseases of the thymus gland	40	1	...	...	...	3	...	...	...	1	...	...	...
68. Diseases of the adrenals	6	...	...	...	...	1	...	...	...	...	...	...	...
69. Other general diseases	17	...	...	...	...	1	1	...	...	...	...	...	...
70. Hemorrhagic conditions	17	...	...	...	...	2	...	...	...	...	...	...	...
71. Anemias	98	5	4	...	1	2	...	...	...	...	...	...	1
72. Leukemias and pseudoleukemias	209	6	5	...	...	13	...	...	...	...	1	3	...
73. Diseases of the spleen	17	1	...	...	...	1	...	...	...	...	...	...	...
74. Other diseases of the blood and blood-making organs	6	...	...	...	...	3	...	...	...	...	...	1	...
75. Alcoholism	86	7	6	...	...	3	...	...	...	...	...	1	1
76. Chronic poisoning by other organic substances	1	...	...	...	...	...	...	...	...	...	...	...	...
77. Chronic poisoning by mineral substances	9	...	...	...	...	...	...	...	...	...	...	...	...
78. Encephalitis	50	5	2	1	1	3	...	1	...	...	...	1	...
79. Meningitis	98	5	3	...	...	6	1	...	...	...	...	...	2
80. Progressive locomotor ataxia	33	3	2	...	...	1	...	...	...	...	...	...	...
81. Other diseases of the spinal cord	117	3	2	...	1	8	...	...	...	...	1	...	...
82. Cerebral hemorrhage, cerebral embolism and thrombosis	3256	160	97	8	7	255	3	11	18	2	4	7	19
83. General paralysis of the insane	154	9	8	...	...	10	...	2	...	...	...	1	2
84. Dementia praecox and other psychoses	38	...	...	...	...	2	...	...	...	...	...	...	...
85. Epilepsy	69	1	1	...	...	4	...	...	...	...	2	...	...
86. Convulsions (under 5 years of age)	16	...	...	...	...	...	...	...	...	...	...	...	...
87. Other diseases of the nervous system	99	4	3	...	1	6	...	...	...	...	...	...	...
88. Diseases of the organs of vision	1	...	...	...	...	...	...	...	...	...	...	...	...
89. Diseases of the ear and of the mastoid process	105	7	4	...	1	11	1	...	...	...	...	1	2
90. Pericarditis	15	1	1	...	...	...	...	...	...	...	...	...	...
91. Acute endocarditis	136	5	3	...	...	13	...	1	...	...	...	2	2
92. Chronic endocarditis, valvular diseases	1718	74	46	1	5	127	9	3	2	2	1	5	16
93. Diseases of the myocardium	6109	271	143	18	34	444	18	20	22	4	15	19	32
94. Diseases of the coronary arteries and angina pectoris	2067	81	54	...	5	210	7	11	11	6	5	11	12
95. Other diseases of the heart	2181	120	71	5	14	108	1	5	12	1	3	12	6
96. Aneurysm	62	6	4	...	1	9	...	1	2	...	...	1	...
97. Arterio sclerosis	643	20	12	1	1	45	...	...	2	1	2	1	4
98. Gangrene	19	2	...	...	...	1	...	...	1	...	...	...	...
99. Other diseases of the arteries	71	...	...	...	...	6	...	...	1	...	...	...	1
100. Diseases of the veins	14	...	...	...	...	1	...	...	...	...	...	...	...
101. Diseases of the lymphatic system	8	...	...	...	...	...	...	...	...	...	...	...	...
102. Idiopathic anomalies of the blood-pressure	29	1	...	...	...	2	...	...	...	...	...	...	1
103. Other diseases of the circulatory system	11	1	1	...	...	...	...	...	...	...	...	...	...
104. Diseases of the nasal fossae and annexae	38	1	...	...	...	7	...	...	1	...	...	...	1
105. Diseases of the larynx	19	1	1	...	...	1	...	...	...	...	...	...	...
106. Bronchitis	124	4	...	1	...	11	...	...	2	...	...	1	2
107. Broncho pneumonia	1061	45	26	3	4	69	1	1	4	5	3	2	5
108. Lobar pneumonia	1550	52	34	...	8	117	2	6	9	3	1	3	8

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

[illegible]

DEPARTMENT OF HEALTH

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
54. Nonmalignant tumors	1	7	1	2	26	....	2	....	....	....	....
55. Tumors of which the nature is not specified	1	....	2	1	9	1	3	....	....	....	....
56. Acute rheumatic fever	1	....	2	2	14	1	1	1	3	1	....
57. Chronic rheumatism, osteoarthritis .....	....	3	....	....	4	....	....	....	....	....	....
58. Gout .....	....	....	....	....	....	....	....	....	....	....	....
59. Diabetes mellitus	9	16	20	15	139	2	16	6	9	20	2
60. Scurvy .....	....	....	....	....	....	....	....	....	....	....	....
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	....	....	1	....	....	....	....	....	....
69. Other general diseases .....	....	....	....	....	1	....	....	....	....	1	....
70. Hemorrhagic conditions .....	....	1	....	1	2	....	....	....	....	....	....
71. Anemias .....	....	2	1	....	10	....	....	....	....	1	....
72. Leukemias and pseudoleukemias	2	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 .....	....	....	....	....	1	....	....	....	....	....	....
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 .....	....	....	....	1	5	....	....	....	....	....	....
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	1	4	....	21	....	....	....	1	2	....
92. Chronic endocarditis, valvular diseases	7	36	21	22	139	9	28	5	24	25	3
93. Diseases of the myocardium	55	116	69	56	615	24	59	19	35	115	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	1	....	11	....	1	....	....	2	....
97. Arterio sclerosis	1	9	1	11	59	5	6	4	1	4	....
98. Gangrene .....	....	....	....	....	2	....	1	....	....	2	....
99. Other diseases of the arteries .....	....	1	....	....	13	1	....	....	1	....	....
100. Diseases of the veins .....	....	....	....	....	2	....	....	....	....	....	....
101. Diseases of the lymphatic system .....	....	....	....	....	2	....	....	....	....	....	....
102. Idiopathic anomalies of the blood-pressure .....	....	....	1	....	7	....	....	....	....	....	....
103. Other diseases of the circulatory system .....	....	....	....	....	....	....	....	....	....	....	....
104. Diseases of the nasal fossae and annexae .....	....	2	....	....	4	....	1	....	1	....	....
105. Diseases of the larynx .....	....	....	....	....	1	....	....	....	....	....	....
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	27	2

BUREAU OF VITAL STATISTICS

245

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	Sayreville	South Amboy
30	6	.....	.....	1	14	2	.....	4	2	1	.....	5	1	3	8	.....	1	3	1	.....	.....
8	3	.....	1	.....	1	1	.....	.....	.....	.....	.....	5	.....	4	6	.....	.....	1	1	.....	1
27	3	.....	.....	2	11	2	.....	4	1	.....	.....	6	.....	3	7	1	.....	1	2	.....	.....
7	.....	.....	.....	1	5	.....	.....	.....	1	1	.....	4	.....	4	1	.....	.....	.....	.....	.....	.....
205	14	1	9	22	110	8	2	14	11	3	.....	62	1	40	58	.....	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	.....	.....	.....	5	.....	4	2	.....	.....	.....	.....	.....	.....
2	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	3	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	1	1	.....	.....	.....	.....	.....	2	.....	.....	.....	2	.....	1	.....	.....	.....	1	.....	.....	.....
15	1	.....	.....	.....	9	1	.....	2	1	1	.....	6	1	4	6	.....	.....	1	2	1	1
35	2	.....	.....	.....	21	1	1	4	.....	.....	.....	9	1	5	10	.....	1	3	.....	1	.....
2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2	.....	2	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	3	9	.....	1	.....	2	.....	4	1	3	6	.....	.....	2	1	1	.....
.....
1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	2	1	3	.....	.....	2	1	1	.....	1	.....	.....	.....	.....	.....	1	1	.....	.....
19	3	.....	.....	1	11	1	1	.....	1	2	.....	7	.....	5	3	.....	.....	3	.....	.....	.....
3	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	4	.....	.....	1	.....	.....	.....
16	2	.....	1	2	7	2	.....	1	1	1	.....	9	.....	7	10	.....	.....	1	3	.....	2
480	55	1	3	38	260	14	3	47	26	48	10	163	10	97	156	7	4	36	33	7	8
29	2	.....	.....	8	18	1	.....	2	.....	.....	.....	5	.....	4	4	.....	1	1	1	.....	.....
10	2	.....	.....	1	4	.....	.....	.....	.....	.....	.....	1	.....	1	1	.....	.....	1	.....	.....	.....
10	2	.....	.....	1	5	.....	.....	.....	.....	1	.....	5	1	3	1	.....	.....	1	.....	.....	1
1	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....	3	.....	1	3	.....	.....	.....	1	1	.....
19	3	.....	1	1	8	1	.....	2	1	1	.....	3	.....	3	2	.....	1	1	.....	.....	.....
.....
14	.....	.....	.....	.....	6	2	.....	2	1	.....	.....	4	.....	2	2	.....	.....	1	1	.....	.....
1	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
34	8	.....	1	4	16	3	.....	1	1	2	.....	13	.....	7	3	.....	.....	1	.....	.....	.....
170	25	2	4	12	78	12	1	14	7	44	5	62	3	43	58	4	.....	10	8	.....	9
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	13	1	18	12	23	4	121	6	83	55	2	2	15	10	.....	5
421	41	2	9	40	254	15	4	22	8	21	.....	76	2	52	143	1	4	38	11	3	8
5	.....	.....	.....	.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....	3	1	.....	1	1	.....	.....
84	6	1	.....	9	56	.....	2	4	2	8	.....	1	38	1	30	20	2	1	1	.....	4
1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	6	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....
8	1	.....	.....	.....	4	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....
1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	2	.....	.....	.....	6	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	1	2	.....	1
207	21	2	3	10	130	8	3	12	10	13	.....	45	1	33	44	4	2	14	4	.....	2
250	32	2	7	27	125	15	4	17	10	11	1	87	4	67	81	8	3	17	10	3	3

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

	South River	Monmouth County	Asbury Park	Long Branch	Red Bank	Morris County	Dover	Madison	Morristown	Ocean County	Passaic County
54. Nonmalignant tumors	1	5				2			1	4	10
55. Tumors of which the nature is not specified		3		2	1	2					2
56. Acute rheumatic fever		3			2	4	1				9
57. Chronic rheumatism, osteoarthritis		7	1	1		1				2	3
58. Gout											
59. Diabetes mellitus	1	54	8	5	3	38	5	2	6	13	94
60. Scurvy										1	
61. Beriberi		1									
62. Pellagra											
63. Rickets											
64. Osteomalacia											
65. Diseases of the pituitary body											
66. Diseases of the thyroid and parathyroid glands		9	1	1		8	1		1	2	13
67. Diseases of the thymus gland		1				1				1	1
68. Diseases of the adrenals											
69. Other general diseases		1									1
70. Hemorrhagic conditions		1									1
71. Anemias		5		3		3				3	7
72. Leukemias and pseudoleukemias		8	1	2	1	5	2			1	18
73. Diseases of the spleen		1		1							1
74. Other diseases of the blood and blood-making organs											1
75. Alcoholism		5	1	1	2						4
76. Chronic poisoning by other organic substances											
77. Chronic poisoning by mineral substances											
78. Encephalitis		4	2							1	
79. Meningitis		5	1	1							9
80. Progressive locomotor ataxia		2								1	3
81. Other diseases of the spinal cord		6	1		1	2			1	1	6
82. Cerebral hemorrhage, cerebral embolism and thrombosis	12	156	22	8	5	95	12	3	10	40	222
83. General paralysis of the insane		10	4	1		2			1	1	6
84. Dementia praecox and other psychoses											4
85. Epilepsy		3	1								7
86. Convulsions (under 5 years of age)		2									
87. Other diseases of the nervous system		7		1	1	2				1	3
88. Diseases of the organs of vision											
89. Diseases of the ear and of the mastoid process		4		2		4	1	1			13
90. Pericarditis											
91. Acute endocarditis		4	1			4					12
92. Chronic endocarditis, valvular diseases	1	106	10	18	7	51	7	2	3	27	121
93. Diseases of the myocardium	14	248	19	22	28	166	14	12	28	80	338
94. Diseases of the coronary arteries and angina pectoris	2	111	18	17	3	83	11	5	12	29	111
95. Other diseases of the heart	8	167	19	20	6	42	1	2	13	21	157
96. Aneurysm		2								1	2
97. Arterio sclerosis		42	2	4	7	25	2	2	1	17	61
98. Gangrene											2
99. Other diseases of the arteries		3				1				1	7
100. Diseases of the veins						1					2
101. Diseases of the lymphatic system											2
102. Idiopathic anomalies of the blood-pressure		1								1	2
103. Other diseases of the circulatory system		2	1	1		1				1	2
104. Diseases of the nasal fossae and annexae		2				1	1				2
105. Diseases of the larynx						1					1
106. Bronchitis		5	1	1		4					6
107. Broncho pneumonia	2	38	4	3	1	28	4	1	1	15	62
108. Lobar pneumonia	4	51	3	8	4	44	4	3	5	12	118

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

Clifton City	Hawthorne	Passaic City	Patterson	Salem County	Salem City	Somerset County	Bound Brook	North Plainfield	Somerville	Sussex County	Union County	Elizabeth	Linden	Plainfield	Rahway	Roselle	Roselle Park	Summit	Westfield	Warren County	Phillipsburg
2	3	3	2	5	1	1	2	26	10	1	2	3	1	2	3	1	1	1	3	3	
1	2	5	1	2	2	2	1	4	1	1	4	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	5	1	1	5	1	2	1	1	1	1	4	1	
18	12	47	7	2	17	1	5	94	33	4	15	4	1	1	1	1	5	5	16	7	
		1																			
1	2	8	1	4	1	1	1	9	5	2	2	2	2	2	2	2	2	2	4	3	
1		1	1	3	3	3	1	2	2	1	1	1	1	1	1	1	1	1	1	1	
1	1	3	8	3	1	1	1	13	2	2	2	1	1	3	1	1	1	2	1	1	
5	1	8	1	3	3	3	1	16	7	1	3	1	1	1	1	1	1	1	1	1	
1			1		2			3	1	1					1				1	1	
1			2	1	2	2		2	1		2	1			1				3	2	
1	3	4	1	2	3	2	1	1	7	2	2	4	1	2	1	1	1	1	3	1	
	2	2	1	1	3	1		6	4	1	1	1	1	1	1	1	1	1	1	1	
29	7	40	123	29	10	65	7	226	88	12	30	17	7	7	8	10	13	61	20		
	1	4	3	1	2	2		8	4	4	2	2	1	2	1	1	1	1	1	1	
	4	3			1	1		7	4	1	2	1	1	2	1	1	1	1	1	1	
			2	1	1	1	1	2	1	1	2	1	1	2	1	1	1	2	1	1	
2		5	6		2			8	1	1	1	1	1	1	1	1	1	1	1	1	
2	1	3	5	1	1	1	2	3	2	5	3	2	5	23	6	4	2	13	1	1	
13	8	17	65	17	24	2	2	118	24	5	23	6	8	6	4	2	13	15	35	7	
24	17	52	190	44	79	8	16	894	115	23	62	22	11	12	12	21	22	94	7	22	
13	8	19	49	19	29	3	5	165	59	8	15	11	8	3	7	10	17	24	19		
17	4	22	96	29	6	27	3	143	61	11	19	8	5	5	5	5	5	35	3		
5	5	1	1	1	1	1	3	39	10	1	9	1	1	1	1	1	1	10	2		
1	1	5	1	1	1	1	1	3	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	1	1	1	1	1		
1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1		
1	1	1	1	1	1	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	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	1	1		
1	1	1	1																		

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

	State Total	Atlantic County	Atlantic City	Hammon	Pleasantville	Bergen County	Bergenfield	Cliffside Park	Englewood	Fairview	Fort Lee	Garfield	Hackensack
109. Pneumonia, unspecified	101	6	5	...	...	3	...	1	1	...	...	...	...
110. Pleurisy	78	2	...	...	...	7	...	...	1	...	...	...	...
111. Congestion, edema, embolism, hemorrhagic infarct, and thrombosis of the lungs...	45	2	1	...	...	2	...	...	...	...	...	1	...
112. Asthma	47	1	1	...	...	5	1	1	...	...	...	1	...
113. Pulmonary emphysema	3	1	...	...	...	...	...	...	...	...	...	...	...
114. Other diseases of the respiratory system...	56	1	...	...	...	4	...	...	...	...	...	1	...
115. Diseases of the buccal cavity and annexa and of the pharynx and tonsils	178	6	4	1	...	27	1	1	1	...	...	1	...
116. Diseases of the esophagus	7	1	...	...	...	...	...	...	...	...	...	...	...
117. Ulcer of the stomach and duodenum	288	17	8	...	1	24	1	...	2	...	...	2	3
118. Other diseases of the stomach	52	6	4	...	...	3	1	...	...	...	...	...	...
119. Diarrhea and enteritis (under 2 years of age)	144	5	1	1	2	13	...	...	1	...	1	2	1
120. Diarrhea and enteritis (2 years and over)	92	5	3	...	...	1	10	...	2	1	1	...	...
121. Appendicitis	481	22	11	...	...	1	45	...	1	5	1	1	1
122. Hernia, intestinal obstruction	406	15	7	1	2	29	1	2	1	...	1	3	2
123. Other diseases of the intestines	69	3	3	...	...	9	...	...	...	...	...	...	...
124. Cirrhosis of the liver	377	11	6	...	1	46	2	3	2	1	3	5	4
125. Other diseases of the liver	37	2	...	...	...	2	...	1	...	...	...	...	...
126. Biliary calculi	180	2	2	...	...	18	...	2	...	1	2	2	...
127. Other diseases of the gall-bladder and biliary passages	101	...	...	...	...	5	1	...	1	...	...	1	...
128. Diseases of the pancreas	21	2	2	...	...	...	...	...	...	...	...	...	...
129. Peritonitis, cause not specified	25	3	2	...	...	1	...	...	...	...	...	...	...
130. Acute nephritis (including unspecified under 10 years of age)	125	7	7	...	...	11	...	...	1	...	...	1	1
131. Chronic nephritis	3060	123	66	3	15	231	4	9	12	1	6	9	19
132. Nephritis, unspecified (10 years and over)	203	22	11	1	6	8	...	1	...	...	1	1	...
133. Other diseases of the kidneys and ureters (puerperal diseases excepted)	94	2	1	...	...	8	1	...	1	...	...	2	...
134. Calculi of the urinary passages	53	2	1	...	...	3	...	...	...	...	...	...	1
135. Diseases of the bladder	15	1	1	...	...	...	...	...	...	...	...	...	...
136. Diseases of the urethra, urinary abscess, etc.	5	...	...	...	...	1	...	...	1	...	...	...	...
137. Diseases of the prostate	267	7	3	...	3	22	...	1	1	...	...	...	2
138. Diseases of the male genital organs, not specified as venereal	5	1	1	...	...	1	...	...	...	...	...	...	...
139. Diseases of the female genital organs, not specified as venereal	127	6	5	...	...	15	...	1	...	...	...	...	1
140. Abortion with septic conditions	47	...	...	...	...	2	...	...	...	...	...	1	...
141. Abortion without mention of septic conditions	8	...	...	...	...	1	...	...	...	...	...	...	...
142. Ectopic gestation	20	...	...	...	...	...	...	...	...	...	...	...	...
143. Other accidents of pregnancy	5	1	1	...	...	...	...	...	...	...	...	...	...
144. Puerperal hemorrhage	25	2	1	...	...	4	...	...	...	...	...	...	2
145. Puerperal septicemia	58	4	2	...	...	6	...	...	...	...	...	...	...
146. Puerperal albuminuria and eclampsia	23	...	...	...	...	3	...	...	...	...	...	...	...
147. Other toxemias of pregnancy	11	1	1	...	...	...	...	...	...	...	...	...	...
148. Puerperal phlegmasia alba dolens, embolus, sudden death	17	...	...	...	...	3	...	...	...	1	...	...	...
149. Other accidents of childbirth	34	3	2	1	...	1	...	...	...	...	...	1	...
150. Other and unspecified conditions of the puerperal state	1	...	...	...	...	...	...	...	...	...	...	...	...
151. Furuncle, carbuncle	25	1	1	...	...	2	...	...	...	...	...	...	...
152. Phlegmon, acute abscess	31	1	...	...	...	...	...	...	...	...	...	...	...
153. Other diseases of the skin and annexa, and of the cellular tissue	12	1	1	...	...	...	...	...	...	...	...	...	...
154. Osteomyelitis	39	2	1	1	...	1	...	...	...	...	...	...	...
155. Other diseases of the bones (tuberculosis excepted)	10	1	...	...	1	1	...	...	...	...	...	...	...
156. Diseases of the joints and other organs of locomotion	8	...	...	...	...	...	...	...	...	...	...	1	...
157. Congenital malformations	315	9	4	...	2	22	2	1	1	...	...	6	4

BUREAU OF VITAL STATISTICS

249

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

Lodi	North Arlington	Ridgefield Park	Ridgewood	Rutherford	Wallington	Burlington County	Bordentown	Burlington City	Camden County	Audubon	Camden City	Collingswood	Gloucester City	Haddonfield	Cape May County	Cumberland County	Bridgeton	Milville	Vineland	Essex County	Belleville
.....	.....	.....	.....	1	.....	3	1	.....	8	.....	6	.....	.....	.....	1	2	.....	1	.....	17	1
.....	.....	.....	.....	.....	.....	1	.....	.....	4	.....	2	.....	.....	.....	.....	2	.....	.....	.....	16	1
.....	1	.....	.....	.....	.....	1	.....	.....	3	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	17	.....
.....	.....	.....	.....	.....	.....	1	.....	.....	5	.....	2	.....	.....	.....	1	1	.....	.....	.....	9	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	10	.....
.....	.....	2	2	1	.....	5	2	.....	14	.....	9	1	.....	1	2	3	2	.....	.....	35	.....
.....	1	1	.....	1	.....	5	1	.....	19	1	11	.....	3	.....	3	3	.....	1	.....	61	3
.....	.....	.....	.....	.....	.....	1	.....	.....	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	6	.....
.....	.....	.....	1	.....	.....	8	.....	1	14	.....	10	.....	.....	.....	2	.....	.....	.....	.....	40	1
.....	.....	.....	1	.....	.....	4	.....	.....	3	.....	2	.....	.....	.....	1	3	.....	.....	.....	10	1
2	.....	2	1	5	1	15	1	1	16	1	7	1	.....	2	6	6	1	.....	2	105	3
.....	.....	.....	.....	2	.....	9	.....	1	26	1	11	2	.....	1	5	5	1	1	.....	73	.....
1	1	.....	.....	.....	.....	1	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	22	1
.....	.....	.....	2	3	.....	4	.....	1	23	1	9	2	2	.....	1	5	1	1	.....	90	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	1	1	.....	.....	.....	9	1
.....	.....	.....	.....	1	.....	4	.....	.....	8	.....	4	1	.....	.....	.....	4	.....	1	.....	37	3
.....	.....	.....	.....	.....	.....	2	.....	1	7	.....	3	1	1	.....	1	1	.....	.....	.....	19	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	1	.....	.....	.....	1	.....	.....	.....	.....	4	.....
.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	5	.....
.....	2	.....	.....	.....	1	5	.....	1	8	.....	3	1	2	.....	4	.....	.....	.....	.....	27	1
9	4	7	7	16	.....	125	5	9	315	5	154	21	23	12	34	70	19	12	6	27	1
.....	.....	1	.....	.....	.....	2	1	1	28	.....	19	.....	1	3	3	11	2	.....	3	572	21
.....	.....	.....	.....	.....	.....	1	.....	.....	2	.....	2	.....	.....	.....	2	.....	.....	.....	.....	29	2
.....	.....	.....	.....	.....	.....	4	.....	1	4	1	2	1	.....	.....	.....	1	.....	.....	.....	25	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	1	.....	.....	.....	13	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....
.....	1	1	2	2	.....	5	2	.....	13	.....	9	1	1	.....	2	3	1	.....	.....	58	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
.....	1	1	.....	1	.....	2	.....	.....	11	.....	4	2	2	.....	.....	4	1	2	.....	28	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	2	.....	.....	.....	.....	1	.....	1	.....	10	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	5	.....
1	.....	.....	.....	.....	.....	1	.....	1	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	8	2
.....	.....	.....	.....	.....	.....	1	.....	.....	2	.....	2	.....	.....	.....	1	.....	.....	.....	.....	6	.....
.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
.....
.....	1	.....	.....	.....	.....	.....	.....	.....	4	.....	3	.....	.....	1	.....	1	.....	.....	.....	5	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	1
.....	1	.....	.....	.....	.....	2	.....	.....	1	.....	2	.....	.....	.....	.....	2	.....	1	.....	6	1
.....	.....	.....	.....	.....	.....	2	1	.....	3	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	5	.....
.....	.....	.....	.....	.....	.....	4	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....
.....	2	.....	.....	.....	.....	8	.....	2	34	1	17	.....	1	1	1	9	2	4	2	57	2

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

	Bloomfield	East Orange	Irvington	Montclair	Newark	Nutley	Orange	South Orange	West Orange	Gloucester County	Woodbury
109. Pneumonia, unspecified	1		1	3	10		1			1	
110. Pleurisy	1				11		1			2	1
111. Congestion, edema, embolism, hemorrhagic infarct, and thrombosis of the lungs...	1	4	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. Ulcer of the stomach and duodenum.....	4	5	1	3	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	2	29			1	1	1	
120. Diarrhea and enteritis (2 years and over)	1				6			1		2	
121. Appendicitis	5	11	8	5	56	2	2	2	1	5	
122. Hernia, intestinal obstruction	5	7	5	2	36		3	1	4	9	3
123. Other diseases of the intestines		5	1	1	11	1					
124. Cirrhosis of the liver	7	3	1	5	51	1	8	1	3	8	
125. Other diseases of the liver		1	1	1	5						
126. Biliary calculi	1	3	2	3	19		3	1		2	
127. Other diseases of the gall-bladder and bili- ary passages	1	2	3		6	2	1	1		8	
128. Diseases of the pancreas	1		1		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	38	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)			3	3	12	1	2		1	2	
134. Calculi of the urinary passages		1		1	8		1			1	
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 con- ditions											
142. Ectopic gestation			1		1						
143. Other accidents of pregnancy.....					2		2				
144. Puerperal hemorrhage					4	1					
145. Puerperal septicemia					4	1	1			2	
146. Puerperal albuminuria and eclampsia					4		1				
147. Other toxemias of pregnancy	1									1	
148. Puerperal phlegmasia alba dolens, embolus, sudden death					2		1				
149. Other accidents of childbirth		1			6		1	1		1	
150. Other and unspecified conditions of the puerperal state											
151. Furuncle, carbuncle	1			1	2						
152. Phlegmon, acute abscess	2				2				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		1				
156. Diseases of the joints and other organs of locomotion					3				1		
157. Congenital malformations	3	3	6	3	29		3	3	1	4	2

BUREAU OF VITAL STATISTICS

251

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	Sayreville	South Amboy
19	4	...	1	6	4	3	...	1	...	1	...	...	...	...	6	...	...	2	...	...	...
10	...	...	...	...	7	2	...	1	...	1	...	7	...	6	6	...	...	...	...	...	...
4	1	...	...	...	1	1	...	...	...	1	1	1	...	2	2	...	1	...	1	...	...
7	...	...	1	...	3	...	...	1	...	...	...	2	...	2	2	...	1	...	...	...	...
13	2	...	...	2	8	...	...	...	1	2	...	...	...	...	3	...	...	2	...	...	...
21	...	...	...	3	13	1	...	...	2	1	...	6	...	4	5	...	...	1	...	...	...
1	...	...	...	...	1	...	...	...	...	...	...	1	...	1	1	...	...	...	...	...	...
46	3	2	...	4	24	3	...	4	2	1	...	15	1	10	19	2	1	3	2	1	1
6	...	...	...	2	2	...	...	1	...	...	...	1	...	1	5	...	...	2	1	...	...
24	1	...	2	2	11	1	...	2	1	2	...	5	...	3	7	...	...	1	1	1	1
14	2	...	...	1	8	1	...	1	1	1	...	7	...	6	6	2	...	1	...	...	...
89	8	3	1	6	44	12	...	10	5	6	...	18	...	15	23	1	1	5	5	...	...
71	10	1	2	10	33	2	1	4	3	6	1	19	...	18	18	2	...	2	3	...	...
12	1	...	...	...	6	...	...	2	2	...	...	4	1	1	1	...	...	1	...	...	...
56	5	1	...	7	25	1	2	4	2	2	...	14	...	8	15	...	1	2	4	...	...
5	2	...	...	1	2	...	...	...	...	...	...	3	...	1	4	...	...	1	1	...	...
40	6	...	...	3	18	1	...	3	4	...	...	5	...	3	10	1	1	...	3	...	1
22	1	...	...	4	14	...	...	1	...	...	...	8	...	6	2	...	...	1	...	...	...
2	...	...	...	...	1	...	...	1	...	1	...	1	...	1	2	1	...	...	1	...	...
2	1	...	...	...	1	...	...	...	...	...	...	5	1	2	...	...	...	...	...	...	...
11	...	...	1	...	8	...	...	...	...	...	...	8	...	4	9	...	...	1	1	...	1
340	29	8	2	29	150	25	4	39	19	34	5	152	5	95	130	8	6	28	20	5	3
35	5	...	8	4	19	...	1	2	...	2	1	3	...	2	5	...	...	1	1	...	...
15	...	1	1	1	11	...	...	...	...	1	...	5	...	4	2	...	1	...	...	...	...
6	...	...	...	...	4	1	...	...	...	1	...	4	...	3	1	...	...	...	1	...	...
1	...	...	...	...	1	...	...	...	...	...	...	2	...	1	2	...	1	...	...	...	...
44	2	...	...	3	25	2	1	7	...	3	...	8	...	6	11	1	...	3	8	...	1
24	2	...	...	...	18	1	...	2	...	2	...	5	...	4	6	...	...	1	...	...	1
11	2	...	1	2	5	1	...	...	...	...	...	4	...	2	2	...	...	...	...	...	...
2	...	...	...	...	2	...	...	...	...	...	...	3	...	2	1	...	...	...	...	...	...
1	...	...	...	...	1	...	...	...	...	...	...	3	...	2	...	...	...	...	...	...	...
3	1	...	...	1	1	...	...	...	...	...	...	1	...	1	1	...	...	1	...	...	...
9	1	...	1	1	4	1	...	1	...	1	...	1	...	2	7	...	...	...	3	...	...
3	...	...	...	...	3	...	...	...	...	1	...	3	...	1	...	...	...	...	...	...	...
2	...	...	...	...	1	...	...	...	...	1	...	2	...	1	...	...	...	...	...	...	...
1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	1	...	...	...	...	2	...	2	...	2	1	...	...	1	...	...	...
3	1	...	...	...	2	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...
6	...	...	...	...	5	1	...	...	...	...	...	1	...	1	3	...	1	...	...	...	1
3	...	...	...	...	2	...	...	...	...	...	...	...	...	...	3	...	...	1	...	...	...
8	...	1	...	...	5	...	...	1	1	...	...	3	...	2	5	...	...	2	...	...	1
1	...	...	...	...	1	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	...
56	4	...	2	4	29	1	...	10	3	2	1	14	...	8	21	2	1	2	8	1	...

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

	South River	Monmouth County	Asbury Park	Long Branch	Red Bank	Morris County	Dover	Madison	Morristown	Ocean County	Passaic County
109. Pneumonia, unspecified	1	2	1	1	2	2	1	1	1	2	12
110. Pleurisy	1	5	1	1	2	2	1	1	1	5	5
111. Congestion, edema, embolism, hemorrhagic infarct, and thrombosis of the lungs...	1	1	1	1	1	1	1	1	1	1	5
112. Asthma	1	1	1	1	1	1	1	1	1	1	4
113. Pulmonary emphysema	1	1	1	1	1	1	1	1	1	1	4
114. Other diseases of the respiratory system...	1	1	1	1	1	3	1	1	1	1	9
115. Diseases of the buccal cavity and annexe and of the pharynx and tonsils	11	1	3	1	5	1	1	1	1	1	10
116. Diseases of the esophagus	1	1	1	1	1	1	1	1	1	1	1
117. Ulcer of the stomach and duodenum	10	2	1	1	7	1	1	1	1	1	18
118. Other diseases of the stomach	5	3	1	1	2	2	1	1	1	1	5
119. Diarrhea and enteritis (under 2 years of age)	3	1	1	1	2	1	1	1	1	1	3
120. Diarrhea and enteritis (2 years and over)	1	5	1	1	1	1	1	1	1	1	7
121. Appendicitis	1	16	2	3	13	1	1	1	1	3	30
122. Hernia, intestinal obstruction	2	20	1	2	12	1	1	1	3	6	31
123. Other diseases of the intestines	1	15	1	4	1	1	1	1	1	4	9
124. Cirrhosis of the liver	1	1	1	1	10	4	1	1	1	4	22
125. Other diseases of the liver	1	1	1	1	1	1	1	1	1	1	5
126. Biliary calculi	1	8	1	1	4	1	1	1	1	1	14
127. Other diseases of the gall-bladder and bili- ary passages	4	1	1	1	4	1	1	1	2	1	5
128. Diseases of the pancreas	1	1	1	1	1	1	1	1	1	1	4
129. Peritonitis, cause not specified	1	1	1	1	1	1	1	1	1	1	4
130. Acute nephritis (including unspecified under 10 years of age)	1	3	1	1	8	2	1	1	1	1	9
131. Chronic nephritis	3	171	11	31	20	112	13	6	13	50	190
132. Nephritis, unspecified (10 years and over)	12	2	2	1	2	1	1	1	1	1	11
133. Other diseases of the kidneys and ureters (puerperal diseases excepted)	4	1	1	1	4	1	1	1	1	1	13
134. Calculi of the urinary passages	2	1	1	1	1	1	1	1	1	1	1
135. Diseases of the bladder	1	1	1	1	1	1	1	1	1	1	1
136. Diseases of the urethra, urinary abscess, etc.	1	1	1	1	1	1	1	1	1	1	2
137. Diseases of the prostate	20	1	1	2	11	1	1	1	1	7	17
138. Diseases of the male genital organs, not specified as venereal	1	2	1	1	1	1	1	1	1	3	5
139. Diseases of the female genital organs, not specified as venereal	1	1	1	1	1	1	1	1	1	1	4
140. Abortion with septic conditions	1	2	1	1	1	1	1	1	1	1	4
141. Abortion without mention of septic condi- tions	2	1	1	1	2	1	1	1	1	1	2
142. Ectopic gestation	2	1	1	1	2	1	1	1	1	1	2
143. Other accidents of pregnancy	3	1	1	1	1	1	1	1	1	1	4
144. Puerperal hemorrhage	5	1	1	1	2	1	1	1	1	1	2
145. Puerperal septicemia	1	1	1	1	1	1	1	1	1	1	2
146. Puerperal albuminuria and eclampsia	1	1	1	1	1	1	1	1	1	1	2
147. Other toxemias of pregnancy	1	1	1	1	1	1	1	1	1	1	2
148. Puerperal phlegmasia alba dolens, embolus, sudden death	2	1	1	1	2	1	1	1	1	2	1
149. Other accidents of childbirth	3	1	1	1	2	1	1	1	1	2	1
150. Other and unspecified conditions of the puerperal state	1	1	1	1	1	1	1	1	1	1	1
151. Furuncle, carbuncle	3	1	1	1	1	1	1	1	1	1	5
152. Phlegmon, acute abscess	12	1	1	1	1	1	1	1	1	1	2
153. Other diseases of the skin and annexe, and of the cellular tissue	1	1	1	1	1	1	1	1	1	1	1
154. Osteomyelitis	1	1	1	1	1	1	1	1	1	1	2
155. Other diseases of the bones (tuberculosis excepted)	1	1	1	1	1	1	1	1	1	1	1
156. Diseases of the joints and other organs of locomotion	1	9	2	3	10	1	1	3	2	18	
157. Congenital malformations	1	9	2	3	10	1	1	3	2	18	

BUREAU OF VITAL STATISTICS

253

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

Clifton City	Hawthorne	Passaic City	Paterson	Salem County	Salem City	Somerset County	Bound Brook	North Plainfield	Somerville	Sussex County	Union County	Elizabeth	Linden	Plainfield	Rahway	Roselle	Roselle Park	Summit	Westfield	Warren County	Phillipsburg
2		3	6	2	2	2	1			2	9	3	2		1		1	1		2	
1		1	2	2	2	2					4	1	1						1	1	
	1		1	1	2	1	2		1	1	1			1						1	
		2	6	2		2			1		3	2								1	
1		4	3	2		5	2			1	15	4		3	1		1	1	2		
		3	13	1		6		1	1	4	19	4		4	1			2	2	5	1
		3	3	1						2	2			1							
1			1	2		4	1			2	7	2			1	1	1			1	1
1		1	4	2		1					5	2		1							
7	1	7	13	3	1	4		1	1	4	36	14	3	5	2		1	2	1	6	3
2		15	11	8	1	5	1	1		4	36	13	2	7	4	1			3	4	1
1	1	2	5			1				1	4	3						1	1	1	
2	1	5	13			5				2	32	10	3	2	3		2	1	1	12	2
3		2	2	1		1					1										
2		4	8	1		2		1		2	15	4		2			4	1	1	3	2
		2	2	2	1	1					8	2		3			1		1	2	1
						1	1				4	1							2		
			4			1					2	1									
		1	6							2	7	3		3							
23	7	24	109	44	14	55	7	7	12	26	155	48	4	21	7	4	9	9	11	46	19
1		1	5	5	1	4			1	1	12	3	1	3	1			2		3	1
	1	4	6	1						2	4	3		1						1	1
			1	1						1	6	3		2					1	1	1
			2	1		1			1		2				2						
		2	11	2		5			1	3	17	6		4		2	1	1	2	3	1
											2	1						1			
	3		2			1		1			11	2	1	4		1		1			
2		1	1	1		1		1			5	1		2		1				1	1
			1								4	2									
			2								2		1					1			
1		1	2	1		1					3	1		1	1						
1			1								1					1					
						1					2	1			1						
1			1							1	1			1							
			1							1											
						2															
			1			1			1	1				1							
		1				1					5	2						1			
										1	1	1								2	
																				1	
1		3	10	6		8	3			2	17	7	1	1		2				6	3

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

Lodi	North Arlington	Ridgefield Park	Ridgewood	Rutherford	Wallington	Burlington County	Bordentown	Burlington City	Camden County	Audubon	Camden City	Collingswood	Gloucester City	Haddonfield	Cape May County	Cumberland County	Bridgeton	Millville	Vineland	Essex County	Belleville
3	6	1	1	3	2	17	2	...	49	2	6	23	...	5	3	20	1	...	...	23	3
1	1	1	1	...	...	15	1	...	13	...	6	6	1	...	6	2	6	...	...	153	3
...	1	...	...	...	...	6	1	...	9	...	4	4	...	1	...	2	1	...	...	71	3
...	...	...	...	...	...	3	...	1	3	...	2	...	...	...	5	4	...	...	...	31	4
...	1	...	...	...	...	...	...	...	3	1	...	8	...	1	...	2	1	...	...	11	...
...	...	1	1	1	1	3	...	...	13	2	2	...	...	...	...	6	3	...	1	54	...
...	...	...	...	...	...	1	...	...	6	...	1	1	...	...	1	3	...	...	1	21	2
...	...	...	1	...	...	3	...	...	4	...	2	2	...	1	1	1	1	...	...	4	...
...	...	...	...	...	...	1	...	...	6	...	1	1	...	...	1	3	...	...	2	11	...
...	...	1	...	...	1	...	...	...	1	...	...	...	1	...	...	...	...	...	...	4	...
...	...	...	...	...	...	...	...	...	3	1	2	...	1	...	...	...	...	...	...	10	1
...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...
...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...
1	...	...	...	...	...	1	...	...	...	...	1	...	...	...	2	2	...	...	...	20	...
...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	1	...	...	...	...	...	...	2	...	2	...	1	2	...	3	...	1	...	12	...
...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	17	...
...	...	...	...	...	...	...	...	...	2	...	1	...	2	...	1	...	...	...	...	1	...
...	...	...	...	...	...	...	...	...	2	...	2	1	2	...	...	...	...	...	...	25	1
...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	1	...	1	6	...	...	13	...	3	...	1	1	3	1	...	1	...	9	...
...	...	...	...	...	...	...	...	...	1	...	6	1	...	...	2	3	...	1	...	12	...
...	1	2	1	1	1	10	...	3	17	...	11	...	1	...	2	3	...	...	1	21	1
...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	6	...	...	2	6	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	1
1	1	2	3	6	1	19	2	3	59	...	36	1	1	2	7	9	3	3	...	141	6
...
...	1	1	4	2	1	38	1	6	72	2	33	4	1	4	9	23	2	6	7	200	4
...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...
...	...	...	...	...	...	2	...	...	1	...	1	...	...	...	...	1	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	4	...
...	...	1	1	1	...	3	1	1	2	...	1	...	1	...	...	1	...	1	...	13	1
...
1	...	1	...	...	...	...	...	...	3	...	2	...	...	...	...	...	...	...	...	6	...
...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	1	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...
93	74	98	140	178	45	1128	72	122	2839	74	1405	158	156	125	443	913	228	187	90	8699	231

[illegible]

BUREAU OF VITAL STATISTICS

257

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	Sayreville	South Amboy
13	2		1	1	4				1	1		3		3	1						
128	6		2	17	63	6			13	14	6	44	1	34	39	2	2	7	8		2
43	1		1	5	15	4			1	4	2	10		6	14			2	2		
29	2		1	1	17	3			2	1	2	9		8	10			4	2		
5			1		2					3		2		2	3			4	1		
9	2			4					1			6		4	3			1			
13	3			2		1				2		6		5	4	1			1		
29	1			1	15	2	1	5	1	2		9		5	8		1	3	1		
6	1	1	1	2						1	1	4	1	2							
15	1			10				1		4		6			8			2			
6			1	2				1	1			1			3			1			
10	1			2	5			1	1			1		1	1			1			1
10	1		2	2	7	1		1	1	1		6		2	6	1		1	1		
2				1								1			1				1		
11				1	7	1		1	1			2		2	2						
												1		1	1						
10	3				4	2				1		3		3	11	1		1	5		
7				1	2		3					5		3	1						
7			1	4	2					1					2						
21	4			2	10	2			1	1		8		2	7	1		1	3		
2								1							2						
40	5		1	6	21	2		1				10		7	12	2		3	3		1
4	1			1	2					1											
2				1	1										1			1			
101	9	1	5	7	48	8	3	7	6	10	3	35		21	41	4		14	5	1	3
131	21		4	3	70	7	1	7	6	18	1	50	1	28	81	4	4	5	15		1
										1		2									
												2									
2	1				1							2		1	2						
1					1							1		1	2	1				1	
2					1							1		1							
10	1		1	1	5	1		1				5		2	6			2	1	1	
2	1				1							2			4						
1					1																
												3		2							
2					1			1				1		1	1	1					
6739	702	58	141	613	3450	339	65	565	296	487	61	2112	77	1393	2007	102	77	392	366	65	105

												1									
1					1										1				1		
2					1	1						1			4	1			2		
3	1		1		1	1				1					1						
14	4			1	6	1		1		8		5			5			1	1		1
3					2				1						1						
108	16		3	2	61	4	1	5	6	14	1	44	1	27	68	3	3	5	11		1
												1			3						
11	2	1	1	1	5										1				1		
															3	1					
															2		1				1

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

	South River	Monmouth County	Asbury Park	Long Branch	Red Bank	Morris County	Dover	Madison	Morristown	Ocean County	Passaic County
158. Congenital debility	1				1	4	1		1		7
159. Premature birth	3	24	3	6	3	20	3	2		8	45
160. Injury at birth	2	16	1	1	1	6		1		4	21
161. Other diseases peculiar to early infancy		3	1			3				2	11
162. Senility	1	14	3	1		4			2	2	8
163. Suicide by solid or liquid poisons or by absorption of corrosive substances						2					5
164. Suicide by poisonous gas	1	11	2	3	1	5			1		18
165. Suicide by hanging or strangulation		10	1	1		2				2	14
166. Suicide by drowning											1
167. Suicide by firearms	2	5				2		1		1	9
168. Suicide by cutting or piercing instruments		1	1							4	2
169. Suicide by jumping from high places											3
170. Suicide by crushing											1
171. Suicide by other means											1
172. Infanticide											1
173. Homicide by firearms	1	5	2			1					6
174. Homicide by cutting or piercing instruments											
175. Homicide by other means		6			1	1			1		4
176. Attack by venomous animals										1	
177. Poisoning by food						2		2			1
178. Accidental absorption of poisonous gas		9	1			2			1		7
179. Other acute accidental poisonings (gas excepted)	1										1
180. Conflagration		4		1		2		2		1	2
181. Accidental burns (conflagration excepted)		9		1	2	5			1	4	12
182. Accidental mechanical suffocation		2		1	1	1	1			1	4
183. Accidental drowning		15	3		1					4	10
184. Accidental traumatism by firearms		1	1			1				1	2
185. Accidental traumatism by cutting or piercing instruments											
186a. Accidental traumatism by fall	4	30	2	2	1	24	2	2	5	6	53
186b. Accidental traumatism by crushing, landslide	2	51	4	7	4	47	3	2	9	21	69
187. Cataclysm											
188. Injuries by animals		2		1							
189. Hunger and thirst											
190. Excessive cold	1	1									1
191. Excessive heat											
192. Lightning											
193. Accidents due to electric currents						3					
194. Other accidents		4	1						1		8
195. Violent deaths of which the nature is unknown	2	3									2
196. Wounds of war											
197. Execution of civilians by belligerent armies											
198. Legal executions											1
199. Sudden death											1
200. Cause of death not specified or ill-defined						3			1		2
Total	103	2088	224	242	158	1249	139	73	160	533	2875

Supplemental Tabulation of Certain Types of Violent and Accidental Deaths, 1935

[illegible]

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

[illegible][illegible]

DEPARTMENT OF HEALTH

TABLE 21.—DEATHS BY OCCUPATIONS

	AGRICULTURE, FORESTRY AND ANIMAL HUSBANDRY								
	Farmers	Farm laborers	Fishermen and oystermen	Gardeners, florists, fruit growers and nurserymen	Other agricultural and animal husbandry pursuits	EXTRACTION OF MINERALS	Foremen, overseers and inspectors	Miners	Quarry operatives
Tuberculosis of the respiratory system									
10 to 19	1	2		1					
20 to 29	4	1		1	1				
30 to 39	4	3							
40 to 49	1	2		2				2	
50 to 59	8	2		2				1	
60 to 69	3			2				1	
70 to 79									
80 and over									
Totals	21	10		6	1			4	
Cancer and other malignant tumors									
10 to 19	1								
20 to 29									
30 to 39									
40 to 49	8			1					
50 to 59	20	4	1	9				1	
60 to 69	26	6	4	10					
70 to 79	33	1	4	9	1				
80 and over	21	1		1				1	
Totals	109	12	9	30	1			2	
Diseases of the nervous system and of the organs of special sense									
10 to 19		2		1					
20 to 29	1								
30 to 39									
40 to 49	9	3	3	5	1			1	
50 to 59	26	3	2	5					
60 to 69	33	5	2	7				1	
70 to 79	22		4	6					
80 and over									
Totals	91	15	11	25	1			2	
Diseases of the circulatory system									
10 to 19	3				1				
20 to 29	4	2		2					
30 to 39	16	7	1	11	1			1	
40 to 49	34	9	2	22	4			2	1
50 to 59	64	16	6	22				5	
60 to 69	128	11	7	20	2			3	
70 to 79	86	5	5	7					
80 and over									
Totals	335	50	23	65	8			11	1

DEPARTMENT OF HEALTH

TABLE 21.—DEATHS BY OCCUPATIONS AND

		Glass industries	Iron, steel and other metal industries	Leather industries	Lumber and furniture industries	Potteries	Rubber industries	Textile industries	Other industries		Machinists, millwrights and toolmakers	Managers, superintendents and foremen (manufacturing)	Manufacturers and officials	Mechanics (gunsmiths, locksmiths, wheelwrights, etc.)
Tuberculosis of the respiratory system	10 to 19					2	2	1	1			1		1
	20 to 29											2		
	30 to 39											4		
	40 to 49											3		
	50 to 59					1	1	1				2		
	60 to 69		1									2		
	70 to 79											1		
	80 and over													
	Totals		13			3	3	2	2		21	13	7	10
Cancer and other malignant tumors	10 to 19							1						3
	20 to 29								1					
	30 to 39											1		
	40 to 49	1	2					1	4		6	5	2	2
	50 to 59	1	3						5		13	8	1	8
	60 to 69		3					2			19	16	15	2
	70 to 79		1	1				1	1		10	7	6	
	80 and over								1		3	2		1
	Totals	2	9	1				5	12		51	39	25	16
Diseases of the nervous system and of the organs of special sense	10 to 19													1
	20 to 29													
	30 to 39										2	1		3
	40 to 49		2				1	1	5		4		1	
	50 to 59		1						1		7	9	7	3
	60 to 69		1						2		7	8	6	5
	70 to 79		2				1	1	1		4	4	4	2
	80 and over										3		1	
	Totals		6				2	2	9		27	26	19	17
Diseases of the circulatory system	10 to 19													4
	20 to 29											1		5
	30 to 39		1				1		3		1	2		10
	40 to 49		2				1		2		21	14	5	11
	50 to 59	2	12			1		3	4		35	26	29	3
	60 to 69		6			3	1	1	4		48	32	23	8
	70 to 79	2	3		1			3			27	20	16	2
	80 and over		1				1	1	1		8	9	11	
	Totals	4	25		1	4	4	8	14		140	104	86	43

AGE GROUPS, NEW JERSEY, 1935—Continued

[illegible]

DEPARTMENT OF HEALTH

TABLE 21.—DEATHS BY OCCUPATIONS AND

	Porteries	Rubber Industries	Textile Industries	Other Industries	Shoemakers and cobblers (not in factory)	Stonecutters	Tailors and tailoresses	Tinsmiths and coppersmiths	Upholsterers	Other manufacturing and mechanical industries
Tuberculosis of the respiratory system										
10 to 19			1	2						
20 to 29	1	3	4	8	2		1	1	1	1
30 to 39			8	5			2			
40 to 49	2		5	6	1		6	1	1	1
50 to 59	2	1	3	5	1	1	1	1		1
60 to 69	2	1	4	6			1			
70 to 79	1	1	2			1	1			
80 and over										
Totals	8	6	27	32	4	2	12	4	2	3
Cancer and other malignant tumors										
10 to 19										
20 to 29	1		1				1			
30 to 39			2				3			
40 to 49		1	3	4				1		
50 to 59	2		12	6	3					
60 to 69	5	4	20	6	4	3	5		1	
70 to 79	2	1	10	5	6		9	1	1	5
80 and over			5	1	1	1	10	2		2
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						
20 to 29		1	3	1	1					
30 to 39			2							
40 to 49			7	3					1	
50 to 59	1	1	4	5	1		5		1	1
60 to 69	3	2	9	4	4	1	8	1	1	2
70 to 79	1	2	12	2	3		4			2
80 and over		1	1	4	1		1	2		
Totals	5	7	38	20	10	1	18	3	3	5
Diseases of the circulatory system										
10 to 19			1	2						
20 to 29	1		2	5						
30 to 39		1	6	4						
40 to 49	1	2	16	8	2					2
50 to 59	2	3	22	16	3	1	8	1		4
60 to 69	7	3	26	23	6	5	14	5		4
70 to 79	10	1	36	12	8	1	18	5	4	6
80 and over	4	1	3	8	13	2	9	4		3
Totals	25	11	112	78	39	12	53	17	6	24

AGE GROUPS, NEW JERSEY, 1935—Continued

TRANSPORTATION									
Water—									
Boatmen, canalmen, sailors and deck hands									
Longshoremen and stevedores									
Other pursuits									
Road and Street—									
Carriage and hack drivers, draymen, teamsters and expressmen									
Chauffeurs									
Contractors and foremen (road building)									
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									

DEPARTMENT OF HEALTH

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
Tuberculosis of the respiratory system	10 to 19												
	20 to 29	1											
	30 to 39		1					1					1
	40 to 49	2										1	
	50 to 59					1							4
	60 to 69	1											
	70 to 79					1							
	80 and over												
	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	1					1		2	
	50 to 59	2				2							
	60 to 69		1	2	3	6				2	4		1
	70 to 79				1	3				1	1		1
	80 and over	1	1			1							
	Totals	3	2	3	5	12				5	5	2	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			1				1					
	50 to 59	1	3		1	2							
	60 to 69		1								2		
	70 to 79	1		5		3		1		3			3
	80 and over												1
	Totals	2	4	8	1	5		1	1	4	2		4
Diseases of the circulatory system	10 to 19												1
	20 to 29												3
	30 to 39	1										1	1
	40 to 49	1	1					2				2	1
	50 to 59	3	4	6		9				2			5
	60 to 69	2	2	10		9				4	1		5
	70 to 79	4	1	4	3	13		1	1	5	2	1	4
	80 and over		2	2		5							
	Totals	11	10	22	3	36		3	1	12	5	4	19

[illegible]

DEPARTMENT OF HEALTH

TABLE 21.—DEATHS BY OCCUPATIONS AND

		PROFESSIONAL SERVICE											Other professional and semi-professional pursuits	
		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	
Tuberculosis of the respiratory system	10 to 19	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	4	7
	20 to 29	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	3	8
	30 to 39	.....	1	1	2	.....	.....	.....	1	.....	.....	.....	.....	3
	40 to 49	.....	3	.....	.....	1	1	.....	.....	2	.....	1	1	3
	50 to 59	.....	.....	1	.....	1	.....	1	1	.....	.....	.....	.....	1
	60 to 69	.....	.....	1	.....	.....	.....	.....	.....	1	.....	1	.....	.....
	70 to 79	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	80 and over	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals		.....	4	3	2	2	2	1	4	4	.....	3	8	19
Cancer and other malignant tumors	10 to 19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
	20 to 29	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	7	2
	30 to 39	.....	.....	.....	.....	.....	1	.....	1	.....	.....	1	8	6
	40 to 49	1	.....	.....	.....	.....	.....	1	1	1	.....	1	9	12
	50 to 59	.....	1	1	2	2	.....	1	1	3	1	2	9	12
	60 to 69	2	3	.....	7	.....	.....	2	3	4	1	1	9	16
	70 to 79	1	2	2	1	5	.....	.....	3	.....	.....	2	7	10
	80 and over	.....	.....	.....	2	.....	1	.....	2	.....	.....	2	.....	.....
Totals		4	6	10	3	16	3	2	10	9	2	9	42	49
Diseases of the nervous system and of the organs of special sense	10 to 19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
	20 to 29	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	3	1
	30 to 39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
	40 to 49	1	.....	.....	.....	2	1	.....	2	.....	.....	.....	3	9
	50 to 59	.....	2	.....	1	2	1	3	.....	1	1	2	4	10
	60 to 69	1	.....	1	.....	2	.....	.....	1	.....	1	4	5	10
	70 to 79	.....	1	.....	.....	2	.....	2	2	.....	1	2	4	5
	80 and over	.....	.....	1	.....	1	.....	1	.....	.....	.....	5	.....	.....
Totals		3	3	2	1	9	3	6	6	2	3	8	20	32
Diseases of the circulatory system	10 to 19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	6
	20 to 29	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	2
	30 to 39	.....	1	.....	.....	4	.....	.....	1	.....	.....	1	4	12
	40 to 49	2	3	1	.....	2	3	3	3	2	1	1	4	36
	50 to 59	2	3	2	1	5	6	6	12	6	5	13	14	46
	60 to 69	3	6	4	7	9	.....	3	10	1	2	9	16	46
	70 to 79	.....	3	.....	4	21	1	3	7	9	1	5	15	32
	80 and over	.....	1	.....	2	4	.....	1	9	1	.....	4	11	15
Totals		7	17	8	14	45	10	17	42	22	10	33	66	149

BUREAU OF VITAL STATISTICS

269

AGE GROUPS, NEW JERSEY, 1935—Continued

DOMESTIC AND PERSONAL SERVICE													CLERICAL OCCUPATIONS					Totals
	Barbers, hairdressers and manicurists	Bartenders	Hotel keepers and managers	Housekeepers and stewards	Janitors and sextons	Laundresses and laundresses	Porters (except in stores)	Restaurant, cafe and lunch room keepers	Saloonkeepers	Servants	Waiters	Other pursuits		Agents, canvassers and collectors	Bookkeepers, cashiers and accountants	Clerks (except clerks in stores)	Other clerical pursuits*	
.....	3	.....	.....	2	.....	.....	.....	.....	.....	5	1	1	.....	.....	.....	1	.....	27
.....	5	.....	.....	113	3	1	3	.....	.....	28	6	6	.....	.....	6	18	5	346
.....	1	1	.....	125	2	2	2	.....	.....	18	5	4	.....	1	6	23	4	387
.....	1	.....	.....	83	2	1	1	3	.....	10	2	4	.....	.....	4	9	5	360
.....	1	.....	.....	50	1	2	.....	.....	1	9	1	5	.....	1	4	9	1	267
.....	1	.....	1	37	.....	1	1	.....	.....	9	.....	1	.....	.....	.....	1	1	174
.....	.....	.....	.....	17	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	4	.....	1	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	9
10	.....	2	1	431	9	8	7	3	1	80	15	21	.....	2	21	61	18	1624
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	1	.....	.....	.....	.....	1	.....	7
.....	.....	.....	.....	15	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	3	.....	45
.....	.....	.....	.....	119	.....	.....	.....	1	.....	5	.....	1	.....	.....	6	4	5	217
1	1	.....	3	273	1	2	2	3	.....	7	3	2	.....	.....	8	9	6	548
5	1	.....	8	477	6	2	2	2	.....	10	7	12	.....	4	8	23	4	1089
8	1	.....	4	527	6	2	4	3	.....	22	2	13	.....	1	3	24	4	1290
2	.....	.....	4	350	5	.....	1	2	1	8	1	11	.....	1	3	11	2	861
.....	.....	.....	2	112	1	2	.....	1	.....	2	.....	1	.....	.....	.....	4	.....	227
16	3	16	1873	19	10	9	12	1	55	16	40	.....	6	28	79	21	4284	.....
.....	.....	.....	.....	9	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	2	.....	3
1	.....	.....	.....	42	.....	.....	.....	.....	.....	7	3	.....	.....	.....	6	2	.....	41
4	2	.....	123	2	.....	1	1	.....	10	1	4	.....	1	4	6	1	.....	119
5	.....	2	250	4	1	.....	.....	.....	10	3	7	.....	1	5	16	3	.....	302
1	1	.....	336	5	.....	2	2	.....	20	6	6	.....	2	5	12	5	.....	635
4	2	4	315	4	.....	1	4	.....	5	.....	3	.....	1	5	12	1	.....	809
1	.....	.....	143	.....	.....	.....	.....	.....	2	.....	1	.....	1	1	2	.....	.....	731
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	283
16	5	8	1218	15	1	5	7	.....	55	13	22	.....	6	22	56	13	2923	.....
.....	.....	.....	.....	4	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	9
3	.....	.....	.....	47	.....	.....	.....	.....	.....	3	2	2	.....	1	2	24	.....	166
4	2	1	123	.....	.....	.....	.....	1	.....	11	4	2	.....	1	3	24	5	380
18	4	7	315	2	3	3	5	1	24	2	7	.....	2	18	29	5	.....	1078
11	6	6	642	13	2	5	7	2	34	5	18	.....	8	16	50	10	.....	1965
2	5	7	952	19	11	9	4	1	29	11	28	.....	5	18	48	10	.....	2664
1	1	6	1053	20	2	4	1	.....	19	1	23	.....	5	11	30	5	.....	2481
.....	.....	2	376	4	.....	2	.....	.....	14	1	2	.....	3	5	5	1	.....	1147
35	18	29	3712	60	19	23	18	4	135	26	82	.....	25	73	210	38	9890	.....

DEPARTMENT OF HEALTH

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	
Diseases of the respiratory system (pneumonia and tuberculosis excepted)	Pneumonia									
	10 to 19	2			1					
	20 to 29	3	3							
	30 to 39	6	1		3					
	40 to 49	9	4	1	3	1				
	50 to 59	16			2	1			1	
	60 to 69	3	1							
	70 to 79									
	80 and over									
	Totals	41	9	1	11	2			1	
Diseases of the digestive system		1								
	10 to 19									
	20 to 29									
	30 to 39									
	40 to 49	1	1							
	50 to 59	1	1							
	60 to 69	4	1							
	70 to 79	3								
	80 and over									
	Totals	10	3							
Non-venereal diseases of the genito-urinary system and annexa		1								
	10 to 19	4		1	1					
	20 to 29	4	2		2					
	30 to 39	1	3		2					
	40 to 49	12	2	2	6					
	50 to 59	9	1		1					
	60 to 69	5		1						
	70 to 79									
	80 and over									
	Totals	36	8	4	13					
Non-venereal diseases of the genito-urinary system and annexa					1					
	10 to 19		1							
	20 to 29		2		2	1				
	30 to 39	14	2	2	2					
	40 to 49	27	5	2	3	1				
	50 to 59	42	5	2	5				1	
	60 to 69	36	1	2	6	2				
	70 to 79									
	80 and over									
	Totals	120	16	6	19	4			1	

BUREAU OF VITAL STATISTICS

271

AGE GROUPS, NEW JERSEY, 1935—Continued

MANUFACTURING AND MECHANICAL INDUSTRIES																
Bakers	1 1 2 1	5	1 1 1													
Blacksmiths, forgers and hammermen	1 1 3	5	1													
Boilermakers																
Brick and stone masons	1 1 3	6														
Builders and building contractors	1 1 2	2														
Carpenters, coopers and cabinet makers	3 4 7 10 5 3	32														
Compositors, linotypers and typesetters	1 1 1	2														
Dressmakers and seamstresses (not in factory)	1 1 1	2														
Dyers	1 1	1														
Electricians and electrical engineers	1 1	4														
Engineers (stationary)	1 4 5 6 3	19														
Engravers	1 1	1														
Files, grinders, buffers and polishers (metal)	1 1 1	3														
Firemen (except locomotive and fire department)	1 1 1	4														
Glassblowers																
Jewelers, watchmakers, goldsmiths and silversmiths	2 1 1	4														
Laborers —																
General and not specified	10 30 41 35 23 12 9	160														
Building and hand trades	1 1 1 1 1	3														
Chemical industries	1 1 1 1 1	2														
Clay and stone industries (excepting potteries)	1 1 1 1 1	1														

[illegible]

Non-venereal diseases of the genito-urinary system and annexa

273

[illegible]

DEPARTMENT OF HEALTH

TABLE 21.—DEATHS BY OCCUPATIONS AND

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

275

				TRANSPORTATION			
				Water—			
				Boatmen, canalmen, sailors and deck hands			
				Longshoremen and stevedores			
				Other pursuits			
				Road and Street—			
				Carriage and hack drivers, draymen, teamsters and expressmen			
				Chauffeurs			
				Contractors and foremen (road building)			
				Garage keepers and managers			
				Laborers (road building) and street cleaners			
				Livery stable keepers and managers, hostlers and stable hands			
				Other pursuits			
				Railroad—			
				Baggagemen and freight agents			
				Brakemen			
				Conductors			
				Foremen, overseers and inspectors			
				Laborers			
				Locomotive Engineers			
				Locomotive firemen			

DEPARTMENT OF HEALTH

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
20 to 29											
30 to 39											
40 to 49											
50 to 59											
60 to 69							1				1
70 to 79		1									1
80 and over	1			1				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											
80 and over											2
Totals											2
Diseases of the digestive system											
10 to 19											
20 to 29											
30 to 39		1									
40 to 49		1						1			1
50 to 59	1						1		1		4
60 to 69		1	1		4					1	
70 to 79	2		1								1
80 and over			1	1	1						
Totals	3	3	3	1	6		1	1	1	3	6
Non-venereal diseases of the genito-urinary system and annexa											
10 to 19											
20 to 29											
30 to 39		1									
40 to 49											
50 to 59	1				2			1	1		
60 to 69	2	4	2		3	1	1	1	1	1	4
70 to 79		3				1		1	1	1	1
80 and over					1			2			
Totals	3	8	2		6	2	1	5	2	2	6

BUREAU OF VITAL STATISTICS

277

AGE GROUPS, NEW JERSEY, 1985—Continued

TRADE									
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									
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									

DEPARTMENT OF HEALTH

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
Pneumonia	10 to 19	1	1	1	1	1	1	1	1	1	1	1	1	1
	20 to 29	1	1	1	1	1	1	1	1	1	1	1	1	1
	30 to 39	1	1	1	1	1	1	1	1	1	1	1	1	1
	40 to 49	1	1	1	1	1	1	1	1	1	1	1	1	1
	50 to 59	1	1	1	1	1	1	1	1	1	1	1	1	1
	60 to 69	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
	80 and over	1	1	1	1	1	1	1	1	1	1	1	1	1
Totals		2	4	3	4	4	2	3	5	5	2	3	10	15
Diseases of the respiratory system (pneumonia and tuberculosis excepted)	10 to 19	1	1	1	1	1	1	1	1	1	1	1	1	1
	20 to 29	1	1	1	1	1	1	1	1	1	1	1	1	1
	30 to 39	1	1	1	1	1	1	1	1	1	1	1	1	1
	40 to 49	1	1	1	1	1	1	1	1	1	1	1	1	1
	50 to 59	1	1	1	1	1	1	1	1	1	1	1	1	1
	60 to 69	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
	80 and over	1	1	1	1	1	1	1	1	1	1	1	1	1
Totals		1	3	1	1	8	3	1	11	8	4	3	16	30
Diseases of the digestive system	10 to 19	1	1	1	1	1	1	1	1	1	1	1	1	1
	20 to 29	1	1	1	1	1	1	1	1	1	1	1	1	1
	30 to 39	1	1	1	1	1	1	1	1	1	1	1	1	1
	40 to 49	1	1	1	1	1	1	1	1	1	1	1	1	1
	50 to 59	1	1	1	1	1	1	1	1	1	1	1	1	1
	60 to 69	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
	80 and over	1	1	1	1	1	1	1	1	1	1	1	1	1
Totals		1	3	1	1	8	3	1	11	8	4	3	16	30
Non-venereal diseases of the genito-urinary system and annexa	10 to 19	1	1	1	1	1	1	1	1	1	1	1	1	1
	20 to 29	1	1	1	1	1	1	1	1	1	1	1	1	1
	30 to 39	1	1	1	1	1	1	1	1	1	1	1	1	1
	40 to 49	1	1	1	1	1	1	1	1	1	1	1	1	1
	50 to 59	1	1	1	1	1	1	1	1	1	1	1	1	1
	60 to 69	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
	80 and over	1	1	1	1	1	1	1	1	1	1	1	1	1
Totals		3	3	8	1	19	3	2	15	14	3	8	11	31

[illegible]

DEPARTMENT OF HEALTH

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		
Suicide										
10 to 19	1		1							
20 to 29										
30 to 39		1		1						
40 to 49	5		1	1	1					
50 to 59	5	2		3						
60 to 69	4			3						
70 to 79	1			3	1					
80 and over	2									
Totals	18	4	2	8	2					
Violent deaths (suicide excepted)										
10 to 19	2	1	1							
20 to 29	1	2		1	1			1		
30 to 39	3	8	3		1					
40 to 49	8	5		1				1	1	
50 to 59	18	8	2	5	1					
60 to 69	14	4	4	3	1					
70 to 79	7	2	1	2				1		
80 and over	7			1						
Totals	60	30	12	13	4			3	1	
All other diseases and causes of death										
10 to 19										
20 to 29	2				1					
30 to 39	3	1	1	1	3					
40 to 49	6			2						
50 to 59	10	2	1					1		
60 to 69	9	2	1	5						
70 to 79	11		1	4						
80 and over	8	1		1						
Totals	49	6	4	13	4			1		
Summary										
10 to 19	3	1	1	1						
20 to 29	10	6	1	4	3			1		
30 to 39	21	14	7	7	5					
40 to 49	55	25	3	12	4				1	
50 to 59	121	37	11	43	6			5	1	
60 to 69	200	45	20	64	2			5		
70 to 79	287	26	17	50	5			6	2	
80 and over	193	9	12	22	2			1		
Totals	890	163	72	203	27			23	4	

AGE GROUPS, NEW JERSEY, 1935—Continued

MANUFACTURING AND MECHANICAL INDUSTRIES					
Bakers					
Blacksmiths, forgemen and hammermen					
Boilermakers					
Brick and stone masons					
Builders and building contractors					
Carpenters, coopers and cabinet makers					
Compositors, linotypers and typesetters					
Dressmakers and seamstresses (not in factory)					
Dyers					
Electricians and electrical engineers					
Engineers (stationary)					
Engravers					
Filers, grinders, buffers and polishers (metal)					
Firemen (except locomotive and fire department)					
Glassblowers					
Jewelers, watchmakers, goldsmiths and silversmiths					
Laborers—					
General and not specified					
Building and hand trades					
Chemical industries					
Clay and stone industries (excepting potteries)					

DEPARTMENT OF HEALTH

TABLE 21.—DEATHS BY OCCUPATIONS AND

		Glass Industries	Iron, steel and other metal Industries	Leather Industries	Lumber and furniture industries	Potteries	Rubber Industries	Textile Industries	Other Industries		Machinists, millwrights and toolmakers	Managers, superintendents and foremen (manufacturing)	Manufacturers and officials	Mechanics (gunsmiths, locksmiths, wheelwrights, etc.)
Suicide	10 to 19	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	3
	20 to 29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
	30 to 39	.....	1	.....	.....	.....	1	.....	.....	.....	1	2	.....	2
	40 to 49	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2
	50 to 59	.....	.....	.....	.....	.....	.....	1	.....	.....	5	3	.....	.....
	60 to 69	.....	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....
	70 to 79	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	80 and over	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Totals	.....	2	.....	1	.....	1	1	.....	.....	8	7	6	5
Violent deaths (suicide excepted)	10 to 19	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	3
	20 to 29	.....	2	.....	.....	.....	3	1	2	.....	9	2	.....	3
	30 to 39	.....	1	2	.....	.....	1	.....	.....	.....	4	4	.....	6
	40 to 49	.....	.....	2	.....	.....	1	1	1	.....	.....	2	.....	5
	50 to 59	.....	1	2	.....	.....	.....	.....	5	.....	8	.....	5	2
	60 to 69	.....	2	1	.....	.....	.....	.....	.....	.....	3	1	.....	2
	70 to 79	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
	80 and over	.....	.....	.....	.....	.....	.....	.....	1	.....	3	.....	1	.....
	Totals	.....	2	10	1	.....	6	2	11	.....	36	9	8	22
All other diseases and causes of death	10 to 19	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	6
	20 to 29	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	1
	30 to 39	.....	3	.....	.....	.....	1	.....	.....	.....	3	3	1	1
	40 to 49	.....	2	.....	.....	.....	.....	1	2	.....	8	5	1	6
	50 to 59	.....	1	.....	.....	.....	2	.....	1	.....	10	7	3	6
	60 to 69	.....	3	.....	.....	.....	.....	.....	1	.....	9	11	4	2
	70 to 79	.....	1	.....	.....	.....	.....	.....	.....	.....	3	1	3	.....
	80 and over	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	3	.....
	Totals	.....	10	.....	.....	1	3	1	5	.....	35	28	15	21
Summary	10 to 19	.....	7	.....	1	3	5	4	3	.....	12	5	.....	26
	20 to 29	.....	1	13	.....	.....	4	.....	9	.....	25	20	7	22
	30 to 39	.....	1	20	.....	1	5	6	17	.....	63	52	21	37
	40 to 49	.....	5	28	.....	1	5	6	19	.....	111	77	60	41
	50 to 59	.....	1	23	1	3	2	4	9	.....	106	92	69	18
	60 to 69	.....	2	8	1	1	1	6	3	.....	65	41	48	16
	70 to 79	.....	.....	1	.....	.....	.....	.....	2	.....	24	13	17	6
	80 and over	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Totals	.....	10	100	2	2	8	24	27	62	406	300	222	166

DEPARTMENT OF HEALTH

TABLE 21.—DEATHS BY OCCUPATIONS AND

	Potteries	Rubber industries	Textile industries	Other industries		Shoemakers and cobblers (not in factory)	Stonecutters	Tailors and tailoresses	Tinsmiths and coppersmiths	Upholsterers	Other manufacturing and mechanical industries
Suicide											
10 to 19				1							
20 to 29				2							
30 to 39			2	1							
40 to 49			2	2							1
50 to 59		1	2	2		1		2			2
60 to 69	1	1	1	2				2			1
70 to 79			2					1			
80 and over											
Totals	1	2	9	10		1		5			4
Violent deaths (suicide excepted)											
10 to 19			2	2							
20 to 29			6	6				3			
30 to 39		3	3	1							1
40 to 49	1		6	5							3
50 to 59			6	4		1		1			
60 to 69		1	5	4		1		2			
70 to 79			5					2		1	
80 and over			1								2
Totals	1	4	34	22		2		8		1	6
All other diseases and causes of death											
10 to 19			2	2					1		1
20 to 29			2	5							1
30 to 39		1	2					1			3
40 to 49		1	4	4				2			3
50 to 59		1	2	2		4		2			3
60 to 69	1	2	8	5		1		3			2
70 to 79	2	1	2	2		3		1			
80 and over									1		
Totals	3	5	20	20		8		9	2		10
Summary											
10 to 19			5	8		3			2		3
20 to 29	4	5	22	32		5		6	2	1	4
30 to 39	2	8	32	25		5		10	1		4
40 to 49	8	4	49	43		9	2	20	4	4	14
50 to 59	9	10	69	49		22	9	37	6	2	13
60 to 69	26	18	95	66		27	7	57	7	7	23
70 to 79	18	11	89	33		21	6	31	9	3	11
80 and over	6	2	14	15		9	3	8	6	3	8
Totals	73	58	375	271		96	27	169	35	20	76

TRANSPORTATION	
Water—	
Boatmen, canalmen, sailors and deck hands	1
Longshoremen and stevedores	1
Other pursuits	
Road and Street—	
Carriage and hack drivers, draymen, teamsters and expressmen	1
Chauffeurs	3
Contractors and foremen (road building)	
Garage keepers and managers	
Laborers (road building) and street cleaners	
Livery stable keepers and managers, hostlers and stable hands	1
Other pursuits	
Railroad—	
Baggagemen and freight agents	
Brakemen	1
Conductors	
Foremen, overseers and inspectors	
Laborers	1
Locomotive engineers	
Locomotive firemen	

DEPARTMENT OF HEALTH

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
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 (suicide excepted)	10 to 19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
	20 to 29	.....	.....	1	.....	.....	.....	.....	.....	4	1	.....	.....
	30 to 39	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	2
	40 to 49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	50 to 59	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
	60 to 69	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	2
	70 to 79	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....
	80 and over	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
	Totals	.....	.....	2	.....	3	.....	1	5	1	.....	.....	8
All other diseases and causes of death	10 to 19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	20 to 29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
	30 to 39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
	40 to 49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
	50 to 59	1	.....	1	1	2	.....	.....	.....	1	.....	.....	1
	60 to 69	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	70 to 79	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1
	80 and over	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Totals	3	1	3	1	2	.....	.....	1	1	2	.....	7
Summary	10 to 19	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	3
	20 to 29	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2
	30 to 39	1	3	.....	.....	1	.....	.....	.....	.....	.....	.....	2
	40 to 49	5	2	.....	.....	1	.....	.....	.....	.....	.....	.....	9
	50 to 59	8	7	.....	.....	1	.....	.....	.....	.....	.....	.....	14
	60 to 69	9	11	16	4	21	.....	.....	.....	.....	.....	.....	11
	70 to 79	5	4	13	6	22	.....	.....	.....	.....	.....	.....	32
	80 and over	2	3	.....	.....	7	.....	.....	.....	.....	.....	.....	2
	Totals	31	30	43	12	77	.....	7	6	36	17	14	62

BUREAU OF VITAL STATISTICS

287

AGE GROUPS, NEW JERSEY, 1935—Continued

TRADE	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	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
	3	1	1	1	2	2	1	1	1			2			1	3	2
	1	1	1		5	4	4	4	5					1	3	1	1
	2				1	1	1	12	9			1	1		1		3
								1	1						1		2
	2	4	2	1	12	14		32	5			3	1	1	7	5	10
	2	2	2	1	2	1			1			5					1
	5	1	1	3	2	10		7	5			2			2	2	1
	1	1	1	1	3	14		12	5		3	3	1	1	2	1	2
	1	1	1	1	7	7		20	2			4		1	1	1	2
				2	3	2		23				1	1		1	1	11
					1	2		8				2					7
								4									4
	3	9	7	8	16	43		79	12		4	18	6	4	12	6	29
		2	1		1	5			1		1	1					1
		1	1	1	4	8	1	14	3			1			3	2	1
	4		2	1	2	6		24	2		1	1			2	3	4
	3			1	9	9	1	36	3		1	2	1	3	4		4
					5	3		14						1	1		4
					2	1	1	8					2				1
	8	3	4	2	25	34	5	107	10		3	5	1	6	11	5	15
		6	3	1	1	6		3	3			8					1
	2	17	5	1	4	33	1	19	8		1	12			5	7	4
	8	7	7	7	12	80	3	42	17		4	4	5	2	17	4	10
	11	6	11	10	43	103	3	143	19		9	19	4	11	26	10	23
	32	11	6	15	74	125	8	318	28		11	24	5	17	32	10	78
	40	12	4	9	95	122	8	371	19		11	15	6	36	37	8	128
	24	10		6	57	76	3	271	7		6	10	3	17	24	4	89
	12			3	17	21	2	96	2		2	1	1	6	4	2	25
	121	65	36	52	303	546	23	1268	103		44	93	24	89	145	45	358

DEPARTMENT OF HEALTH

TABLE 21.—DEATHS BY OCCUPATIONS AND

		PROFESSIONAL SERVICE												Other professional and semi-professional pursuits															
		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					
Suicide	10 to 19	1												1							2					1	4		
	20 to 29	1												1													3	4	
	30 to 39																										1	3	
	40 to 49																											1	4
	50 to 59																											1	3
	60 to 69																											1	3
	70 to 79																											1	3
	80 and over																											1	3
	Totals	1												2			1	1	1	3	2	1	1	1	1	15			
Violent deaths (suicide excepted)	10 to 19																				1						1	5	
	20 to 29																				1						1	3	
	30 to 39																									1	5		
	40 to 49																									1	5		
	50 to 59																								1	5			
	60 to 69																								1	5			
	70 to 79																								1	5			
	80 and over	1												2	2	1											2	4	
	Totals	1												2	6	1	4		2	8	4		1	4	25				
All other diseases and causes of death	10 to 19																									1	2		
	20 to 29													1												1	4		
	30 to 39														2											1	8		
	40 to 49																									1	8		
	50 to 59													1											1	8			
	60 to 69																								1	7			
	70 to 79																							1	11				
	80 and over																							1	4				
	Totals	1												2	5	3	7	2	2	6	4	4	6	15	27				
Summary	10 to 19																										3	41	
	20 to 29	1												4	5	2	6	3	10	2	10	2	6	22	55	94	33		
	30 to 39	4												6	4	8	9	14	7	3	6	22	55	94	33				
	40 to 49	4												9	8	4	15	11	12	19	17	11	20	41	94	33			
	50 to 59	9												13	20	10	27	3	4	25	16	11	18	38	102	66			
	60 to 69	2												8	3	6	44	2	6	20	14	2	17	35	106	66			
	70 to 79	3												3	2	4	16	2	2	15	5		9	22	66	24			
	80 and over																												
	Totals	23												46	46	26	116	31	38	110	74	30	76	193	413				

DOMESTIC AND PERSONAL SERVICE																				
Barbers, hairdressers and manicurists																				
Bartenders																				
Hotel keepers and managers																				
Housekeepers and stewards																				
Janitors and sextons																				
Launderers and laundresses																				
Porters (except in stores)																				
Restaurant, cafe and lunch room keepers																				
Saloonkeepers																				
Servants																				
Waiters																				
Other pursuits																				
CLERICAL OCCUPATIONS																				
Agents, canvassers and collectors																				
Bookkeepers, cashiers and accountants																				
Clerks (except clerks in stores)																				
Other clerical pursuits																				
Totals																				
1	2	1	3	7	22	27	28	6	2	1	1	1	4	70	51	118	138	33	35	5
4	1	5	96	2	25	43	1	5	3	2	4	1	1	1	15	6	3	1	5	1
2	1	1	23	48	1	5	1	1	3	2	4	6	6	2	2	6	3	2	3	2
1	1	1	83	91	6	3	3	1	1	1	1	1	1	1	10	1	2	2	1	2
2	1	2	91	6	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	75	60	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	8	6	425	16	3	4	5	4	29	12	25	2	2	2	2	2	2	2	2	2
1	8	2	11	141	1	1	1	1	2	7	2	1	1	1	1	1	1	1	1	1
3	1	1	214	1	1	3	1	1	26	1	4	4	4	4	4	4	4	4	4	4
2	2	1	230	1	3	3	3	3	15	4	4	4	4	4	4	4	4	4	4	4
5	2	1	281	1	1	1	4	4	14	1	5	5	5	5	5	5	5	5	5	5
2	1	1	317	3	2	2	2	1	8	2	4	4	4	4	4	4	4	4	4	4
4	1	1	206	4	2	1	1	1	3	1	5	5	5	5	5	5	5	5	5	5
1	1	1	70	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	3	3	1470	10	10	6	11	1	76	9	25	2	2	2	2	2	2	2	2	2
10	3	3	26	446	3	4	1	1	9	2	4	9	18	18	18	18	18	18	18	18
16	6	4	906	6	5	5	5	8	62	18	18	18	18	18	18	18	18	18	18	18
18	10	16	1457	17	10	9	25	9	106	20	38	21	62	62	62	62	62	62	62	62
37	15	23	2299	37	14	18	23	6	113	21	62	21	62	62	62	62	62	62	62	62
35	8	28	2864	54	21	19	14	5	111	24	66	24	66	66	66	66	66	66	66	66
16	4	17	2542	52	7	11	12	1	49	4	51	4	51	51	51	51	51	51	51	51
2	.....	10	1209	10	3	2	1	1	25	1	5	1	5	5	5	5	5	5	5	5
134	46	98	11749	179	69	70	83	22	569	109	260	59	243	718	158	30858				

TABLE 22.—TABULATION OF DEATHS IN ATLANTIC 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
	ALL CAUSES	1803	983	820	375	83	17	7	3	5	115	16	38	54	130	212	331	374	349	163	21	...
1	Typhoid and paratyphoid fever	10	9	1			1		1		2		3		1	2	2					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever										2											
6	Whooping cough	3	1	2	1	1		1			2		1									
7	Diphtheria	1		1																		
8	Influenza	29	18	11	11	3			1		4	1			3	6	4	5	5		1	
9	Plague																					
10	Tuberculosis of the respiratory system	63	36	27	26					1	1		3	10	15	13	13	5	2	1		
11	Other forms of tuberculosis	7	3	4	5		2				2			1	2	1			1			
12	Syphilis	24	15	9	15	4					4				7	5	6	2				
13	Malaria	5	3	2	2						2					2						
14	Other infectious and parasitic diseases					1				1	2				1							
15	Cancer and other malignant tumors	209	92	117	33									4	14	22	54	54	44	16	1	
16	Tumors, nonmalignant, or of which the nature is not specified	9	3	6	2										1	4	2	2				
17	Chronic rheumatism and gout	1		1													1					
18	Diabetes mellitus	38	11	27	5										1	5	9	13	8	2		
19	Alcoholism (acute or chronic)	7	5	2	3										2	2	1	2				
20	Other general diseases and chronic poisonings	21	9	12	3	4					4	1	1	2	1	1	5	4	2			
21	Progressive locomotor ataxia and general paralysis of the insane	12	11	1	5										1	5	2	3		1		
22	Cerebral hemorrhage, cerebral embolism and thrombosis	160	74	86	36										1	15	35	49	38	20	2	

Rate per 1,000 population, 13.2.

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																	
						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	1020	552	468	299	41	8	3	2	3	57	10	19	27	86	143	224	203	165	76	10	....
1	Typhoid and paratyphoid fever	3	2	1									1		1	1							
2	Typhus fever																						
3	Smallpox																						
4	Measles																						
5	Scarlet fever																						
6	Whooping cough	2	1	1	1			1			1	1				1							
7	Diphtheria	1		1												1							
8	Influenza	18	10	8	2	2			1		3	1			3	3	3	2	2		1		
9	Plague																						
10	Tuberculosis of the respiratory system	36	24	12	21					1	1		1	3	9	10	10	2					
11	Other forms of tuberculosis	6	3	3	5		2				2				2	1			1				
12	Syphilis	17	10	7	13	2					2				7	4	4						
13	Malaria																						
14	Other infectious and parasitic diseases	3	3							1	1			1		1							
15	Cancer and other malignant tumors	95	43	52	25										8	11	31	20	18	5	1		
16	Tumors, nonmalignant, or of which the nature is not specified	8	3	5	2										1	3	2	2					
17	Chronic rheumatism and gout																						
18	Diabetes mellitus	25	7	18	5										1	4	8	6	4	2			
19	Alcoholism (acute or chronic)	6	5	1	3										2	2	1	1					
20	Other general diseases and chronic poisonings..	12	5	7	2	2					2	1			1	1	2	4	1				
21	Progressive locomotor ataxia and general paralysis of the insane	10	9	1	5										1	5	1	2		1			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	97	41	56	31										1	10	25	33	16	10	2	....

23	Other diseases of the nervous system and of the organs of special sense	15	8	7	4	1	.....	1	1	1	.....	1	6	4	1	.....	.....	.....
24	Diseases of the heart	318	182	136	69	.....	1	1	1	.....	7	10	43	71	81	75	28	1
25	Other diseases of the circulatory system	17	11	6	3	.....	.....	.....	.....	.....	.....	.....	2	2	2	5	4	2
26	Brachitis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	Pneumonias	65	37	28	22	6	4	.....	10	.....	3	1	7	8	14	9	7	5
28	Other diseases of the respiratory system (tuberculosis excepted)	3	1	2	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....	.....	.....	.....
29	Diarrhoea and enteritis	4	2	2	1	1	.....	1	.....	.....	.....	.....	1	1	1	.....	.....	.....
30	Appendicitis	11	5	6	3	1	.....	1	.....	3	.....	2	2	1	2	1	.....	.....
31	Diseases of the liver and biliary passages....	8	4	4	.....	.....	.....	.....	1	.....	1	2	1	1	2	1	.....	.....
32	Other diseases of the digestive system	30	20	10	7	2	1	.....	3	1	1	3	4	4	8	4	1	.....
33	Nephritis	84	47	37	29	.....	.....	.....	.....	3	1	3	5	24	17	16	14	1
34	Other diseases of the genitourinary system ...	12	5	7	5	.....	.....	.....	.....	.....	1	1	4	3	1	1	1	.....
35	Puerperal septicemia	2	.....	2	1	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	5	.....	5	2	.....	.....	.....	.....	.....	1	4	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	3	1	2	2	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	25	10	15	10	24	.....	24	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
40	Suicide	17	13	4	2	.....	.....	.....	.....	.....	1	7	3	2	3	1	.....	.....
41	Homicide	10	7	3	6	.....	.....	.....	.....	1	5	2	1	1	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	49	31	18	12	.....	1	1	1	3	2	5	3	4	6	7	4	10
43	Cause of death not specified or ill-defined	2	2	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....

Estimated population, 70,500.

Total resident deaths, 1,020.

Rate per 1,000 population, 14.4.

TABULATION OF DEATHS IN BERGEN 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
	ALL CAUSES	3433	1779	1654	114	202	16	21	10	17	266	55	85	165	182	372	551	806	635	267	47	2
1	Typhoid and paratyphoid fever	4	3	1								1			2		1					
2	Typhus fever																					
3	Smallpox																					
4	Measles	4	2	2	1					1	1	2	1									
5	Scarlet fever	3	1	2				1			1											
6	Whooping cough	7	4	3		2	2		1		6	1										
7	Diphtheria	4	3	1				1			2	2										
8	Influenza	27	15	12		3			1		4	1	1	1	3	4	5	5	2	1		
9	Plague																					
10	Tuberculosis of the respiratory system	142	62	80	8						2		6	37	26	32	17	16	8			
11	Other forms of tuberculosis	16	10	6	1		1	1						3	2	5	2	2				
12	Syphilis	23	14	9	7	1					1			1	2	7	8	4				
13	Malaria																					
14	Other infectious and parasitic diseases	27	20	7	2	2	1	1		1	5	3	7	2	2	1	3	4				
15	Cancer and other malignant tumors	475	218	257	10								3	6	20	55	96	156	112	26	1	
16	Tumors, nonmalignant, or of which the nature is not specified	27	9	18	2							2	1	4	6	9	4		1			
17	Chronic rheumatism and gout	1		1												1						
18	Diabetes mellitus	111	41	70	3										1	6	20	47	29	8		
19	Alcoholism (acute or chronic)	3	2	1	1										1	1		1				
20	Other general diseases and chronic poisonings	46	25	21	1	4				2	6	6	4	4	1	8	8	6	3			
21	Progressive locomotor ataxia and general paralysis of the insane	11	6	5												3	2	3				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	255	109	146	5								1		8	14	41	74	77	35	5	

3	Other diseases of the nervous system and of the organs of special sense	40	23	17	3	3	....	2	1	....	6	5	5	3	3	6	5	5	1	1	....	....
4	Diseases of the heart	901	478	423	17	....	....	1	....	1	2	2	5	23	25	74	159	247	236	105	23	....
5	Other diseases of the circulatory system	64	31	33	3	....	....	....	....	....	....	....	....	....	....	3	5	15	22	13	6	....
6	Bronchitis	11	3	8	1	....	....	1	....	1	2	....	....	....	....	2	....	1	4	2	....	....
7	Pneumonias	189	103	86	15	22	5	3	2	2	34	6	7	12	13	20	25	35	25	10	1	1
8	Other diseases of the respiratory system (tuberculosis excepted)	26	15	11	2	1	....	1	1	1	4	2	2	1	2	3	4	4	1	2	1	....
9	Diarrhoea and enteritis	23	18	5	1	13	....	2	....	....	15	1	....	1	1	2	1	2	....	....	....	....
0	Appendicitis	45	25	20	....	1	....	1	1	1	4	4	7	2	10	6	5	5	2	....	....	....
1	Diseases of the liver and biliary passages	71	37	34	3	....	....	....	....	....	....	....	....	....	4	9	29	18	10	1	....	....
2	Other diseases of the digestive system	93	58	35	4	3	....	....	1	2	6	3	6	9	5	14	20	17	8	3	2	....
3	Nephritis	250	132	118	4	....	....	....	....	....	....	2	1	7	8	24	32	82	58	32	4	....
4	Other diseases of the genitourinary system	50	29	21	1	....	....	....	....	....	....	....	....	6	1	10	6	13	10	3	1	....
5	Puerperal septicemia	8	....	8	....	....	....	....	....	....	....	....	....	8	....	....	....	....	....	....	....	....
6	Other diseases of pregnancy, childbirth and the puerperal state	12	....	12	....	....	....	....	....	....	....	....	....	6	5	1	....	....	....	....	....	....
7	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	6	3	3	....	....	....	....	....	....	....	1	....	....	1	2	....	1	1	....	....	....
8	Congenital debility and malformations, premature birth and other diseases of early infancy	141	73	68	6	138	1	2	....	....	141	....	....	....	....	....	....	....	....	....	....	....
9	Senility	5	1	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0	Suicide	63	48	15	1	....	....	....	....	....	....	....	1	6	4	14	21	12	2	2	3	....
1	Homicide	8	4	2	2	....	....	....	....	....	2	....	1	1	1	2	1	....	....	....	....	....
2	Violent and accidental deaths (suicide and homicide excepted)	240	154	86	10	5	6	4	1	6	22	9	26	21	22	35	30	31	20	23	....	1
3	Cause of death not specified or ill-defined	1	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....

Estimated population, 407,800.

Total resident deaths, 3,433.

Rate per 1000 population, 8.4.

TABULATION OF DEATHS IN ENGLEWOOD 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
	ALL CAUSES	196	100	96	32	9	1	2	...	...	12	4	3	12	11	15	37	50	34	16	2	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria	1		1								1										
8	Influenza																					
9	Plague	9	8	1	2									2	1	3	3					
10	Tuberculosis of the respiratory system																					
11	Other forms of tuberculosis	2	1	1	2											1	1					
12	Syphilis																					
13	Malaria	4	2	2									2				1	1				
14	Other infectious and parasitic diseases	27	10	17	2									1	3	2	8	6	7			
15	Cancer and other malignant tumors																					
16	Tumors, nonmalignant, or of which the nature is not specified	1	1																1			
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	4	1	3														2	1	1		
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings..	2		2												1		1				
21	Progressive locomotor ataxia and general paralysis of the insane																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	18	7	11	1											1	3	7	3	4		

23	Other diseases of the nervous system and of the organs of special sense	48	20	28	8	1	1	2	2	1	12	13	10	6	1
24	Diseases of the heart	6	4	2	2	1	1	1	1	1	1	4	1	1	1
25	Other diseases of the circulatory system	2	2	2	1	1	1	1	1	1	2	4	3	1	1
26	Bronchitis	14	10	4	5	1	1	1	1	1	2	4	3	1	1
27	Pneumonias	2	1	1	1	1	1	1	1	1	1	1	2	1	1
28	Other diseases of the respiratory system (tuberculosis excepted)	2	2	2	1	1	1	1	1	1	1	1	1	1	1
29	Diarrhoea and enteritis	5	2	3	1	1	1	1	1	1	1	1	1	1	1
30	Appendicitis	4	3	1	1	1	1	1	1	1	1	1	1	1	1
31	Diseases of the liver and biliary passages	4	3	1	1	1	1	1	1	1	1	1	1	1	1
32	Other diseases of the digestive system	13	9	4	2	1	1	1	1	1	1	1	1	1	1
33	Nephritis	3	2	1	1	1	1	1	1	1	1	1	1	1	1
34	Other diseases of the genitourinary system	3	2	1	1	1	1	1	1	1	1	1	1	1	1
35	Puerperal septicemia	3	2	1	1	1	1	1	1	1	1	1	1	1	1
36	Other diseases of pregnancy, childbirth and the puerperal state	3	2	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	3	2	1	1	1	1	1	1	1	1	1	1	1	1
38	Congenital debility and malformations, premature birth and other diseases of early infancy	8	4	4	3	8	8	8	8	8	8	8	8	8	8
39	Senility	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40	Suicide	6	5	1	1	1	1	1	1	1	1	1	1	1	1
41	Homicide	6	5	1	1	1	1	1	1	1	1	1	1	1	1
42	Violent and accidental deaths (suicide and homicide excepted)	10	5	5	5	5	5	5	5	5	5	5	5	5	5
43	Cause of death not specified or ill-defined	10	5	5	5	5	5	5	5	5	5	5	5	5	5

Estimated population, 19,500.

Total resident deaths, 196.

Rate per 1,000 population, 10.0.

TABULATION OF DEATHS IN GARFIELD 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
	ALL CAUSES	181	99	82	2	18	1	2	...	1	22	4	10	14	8	23	40	37	20	3	...	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough	1		1			1				1											
7	Diphtheria	2	2					1			1	1										
8	Influenza																					
9	Plague																					
10	Tuberculosis of the respiratory system	14	8	6									2	5	2	2	3					
11	Other forms of tuberculosis	1		1												1						
12	Syphilis	1	1															1				
13	Malaria																					
14	Other infectious and parasitic diseases	2	2									1	1									
15	Cancer and other malignant tumors	10	3	7	1									1		1	4	3	1			
16	Tumors, nonmalignant, or of which the nature is not specified	2	1	1										1			1					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	7	6	1													2	2	3			
19	Alcoholism (acute or chronic)	1	1													1						
20	Other general diseases and chronic poisonings..	7	5	2						1	1	1	1	1		1	1	1				
21	Progressive locomotor ataxia and general paralysis of the insane	2	1	1												1		1				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	7	4	3													4	1	2			

Rate per 1,000 population, 5.5.

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
	ALL CAUSES	272	150	122	41	22	2	1	1	1	27	8	5	9	22	34	41	55	48	19	4	...
1	Typhoid and paratyphoid fever	2	1	1								1			1							
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough	2	1	1		1					1	1										
7	Diphtheria																					
8	Influenza	1	1			1					1											
9	Plague																					
10	Tuberculosis of the respiratory system	10	3	7	3								1	2	2	2	1	1	1			
11	Other forms of tuberculosis	1	1		1									1								
12	Syphilis	6	6		4	1					1				1	2	1	1				
13	Malaria																					
14	Other infectious and parasitic diseases	3	3		2								1		1		1					
15	Cancer and other malignant tumors	43	19	24	3										2	7	9	10	9	6		
16	Tumors, nonmalignant, or of which the nature is not specified	3	1	2	1										2	1						
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	8	1	7													1	3	2	2		
19	Alcoholism (acute or chronic)	1	1		1										1							
20	Other general diseases and chronic poisonings	2		2	1										1				1			
21	Progressive locomotor ataxia and general paralysis of the insane																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	19	6	13	3										1	2	2	5	6	1	2	...

23	Other diseases of the nervous system and of the organs of special sense	4	4	.....	2	2	.....	1	.....	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
24	Diseases of the heart	68	41	27	4	.....	.....	.....	.....	.....	1	.....	4	3	6	10	22	14	7	1
25	Other diseases of the circulatory system	6	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	1	1	.....	1	.....
26	Bronchitis	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
27	Pneumonias	13	10	3	3	2	.....	.....	.....	2	.....	.....	1	1	1	4	2	2	.....	.....
28	Other diseases of the respiratory system (tuberculosis excepted)	3	2	1	.....	1	.....	.....	.....	1	.....	.....	1	.....	1	.....	.....	.....	.....	.....
29	Diarrhoea and enteritis	1	1	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	Appendicitis	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
31	Diseases of the liver and biliary passages	4	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	1	.....	.....	.....
32	Other diseases of the digestive system	5	4	1	2	.....	.....	.....	.....	.....	1	.....	.....	1	2	1	.....	.....	.....	.....
33	Nephritis	20	9	11	1	.....	.....	.....	.....	.....	1	.....	1	3	3	4	6	2	.....	.....
34	Other diseases of the genitourinary system	4	3	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	2	.....	.....	.....
35	Puerperal septicemia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	13	6	7	3	13	.....	.....	.....	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Suicide	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
41	Homicide	2	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	23	16	7	6	.....	2	.....	1	1	4	3	2	.....	2	5	2	2	1	.....
43	Cause of death not specified or ill-defined .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Estimated population, 26,400.

Total resident deaths, 272.

Rate per 1,000 population, 10.3.

TABULATION OF DEATHS IN RUTHERFORD 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
	ALL CAUSES	178	86	92	9	4	.....	1	.....	.....	5	2	3	1	8	12	26	47	50	21	3	.....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	4	1	3												1		2		1		
9	Plague																					
10	Tuberculosis of the respiratory system	5	3	2	1										1	1		2	1			
11	Other forms of tuberculosis	1	1													1						
12	Syphilis	1	1															1				
13	Malaria																					
14	Other infectious and parasitic diseases																					
15	Cancer and other malignant tumors	25	7	18									1			2	2	10	8	2		
16	Tumors, nonmalignant, or of which the nature is not specified	1		1												1						
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	6	2	4	1												1	2	1	1		
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings	1		1															1			
21	Progressive locomotor ataxia and general paralysis of the insane	1	1														1					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	15	6	9											1		2	4	4	4		

Rate per 1,000 population, 10.8.

TABULATION OF DEATHS IN BURLINGTON 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
	ALL CAUSES	1128	612	516	89	63	5	1	7	3	79	9	16	43	39	111	150	233	263	165	20	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria	1		1						1	1											
8	Influenza	6	3	3											1	1						
9	Plague																					
10	Tuberculosis of the respiratory system	44	29	15	6									2	10	4	9	8	7	3	1	
11	Other forms of tuberculosis	3	2	1											1	1	1					
12	Syphilis	4	3	1	2												2	2				
13	Malaria																					
14	Other infectious and parasitic diseases	4	2	2	2					1	1	2				1	1					
15	Cancer and other malignant tumors	121	39	82	3										1	5	14	24	37	28	12	
16	Tumors, nonmalignant, or of which the nature is not specified	6	3	3									1						2	3		
17	Chronic rheumatism and gout	2		2																		
18	Diabetes mellitus	25	11	14	2									1	1		1		8	10	3	
19	Alcoholism (acute or chronic)	5	4	1	1												2	1	2			
20	Other general diseases and chronic poisonings	13	4	9	1	3					3	1			2	1	1	4		1		
21	Progressive locomotor ataxia and general paralysis of the insane	4	3	1											1		1		2			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	81	36	45	13											8	11	19	25	16	2	...

Rate per 1,000 population, 11.6.

TABULATION OF DEATHS IN BURLINGTON 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
	ALL CAUSES	122	65	57	14	5	2	...	...	2	9	...	5	5	8	12	17	24	28	13	1	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	1	1																	1		
9	Plague																					
10	Tuberculosis of the respiratory system	8	5	3	1								1	1	1	1	3	1				
11	Other forms of tuberculosis																					
12	Syphilis																					
13	Malaria																					
14	Other infectious and parasitic diseases	1		1	1					1	1											
15	Cancer and other malignant tumors	10	4	6	1										3	1	3	1	2			
16	Tumors, nonmalignant, or of which the nature is not specified																					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	4	2	2	1													2		2		
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings																					
21	Progressive locomotor ataxia and general paralysis of the insane	2	2											1				1				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	8	3	5	1												1	1	4	2		

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
	ALL CAUSES	2839	1485	1354	309	202	11	6	15	3	237	36	75	91	183	262	430	593	618	282	31	1
1	Typhoid and paratyphoid fever	3	2	1								1	1				1					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough	4		4	1	1			3		4											
7	Diphtheria	5	3	2								4			1							
8	Influenza	43	21	22	7	4	1				5	3		4	3	3	11	5	7	2		
9	Plague																					
10	Tuberculosis of the respiratory system	119	72	47	27									7	21	26	23	21	16	5		
11	Other forms of tuberculosis	12	7	5	4				1		1	2	3	1	2	1	1	1				
12	Syphilis	20	13	7	9	2					2			2	2	3	3	7	1			
13	Malaria	1	1												1							
14	Other infectious and parasitic diseases	23	14	9	4	3	2		1		6	1	1	2	4	4	1	2	1	1		
15	Cancer and other malignant tumors	290	129	161	17	1					1		1	3	11	30	58	91	75	19	1	
16	Tumors, nonmalignant, or of which the nature is not specified	12	5	7	5										1	3	2	3	8			
17	Chronic rheumatism and gout	4	1	3														2	2			
18	Diabetes mellitus	72	24	48	5									2	1	7	14	24	20	4		
19	Alcoholism (acute or chronic)	6	5	1	2									1	1	1	2	1				
20	Other general diseases and chronic poisonings	44	21	23	2	6	1				7	5	2	4	10	4	5	3	4			
21	Progressive locomotor ataxia and general paralysis of the insane	13	9	4	3											7	3	1	1	1		
22	Cerebral hemorrhage, cerebral embolism and thrombosis	195	96	99	14								1	1	2	11	40	47	61	32		

Rate per 1,000 population, 10.5.

TABULATION OF DEATHS IN CAMDEN 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	
	ALL CAUSES	1405	767	638	217	120	6	3	2	....	131	19	42	47	112	158	216	303	259	102	16	....
1	Typhoid and paratyphoid fever	1	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	2	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
8	Influenza	24	14	10	3	4	1	.....	.....	.....	5	.....	.....	1	3	2	5	4	3	1	.....	.....
9	Plague .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	75	49	26	24	.....	.....	.....	.....	.....	.....	.....	5	12	17	18	9	11	3	.....	.....
11	Other forms of tuberculosis	5	3	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	2	1	.....	.....	.....	.....	.....
12	Syphilis	14	11	3	8	1	.....	.....	.....	.....	1	.....	.....	1	2	3	2	5	.....	.....	.....
13	Malaria .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	13	7	6	4	2	2	.....	.....	.....	4	1	.....	1	3	3	.....	1	.....	.....	.....
15	Cancer and other malignant tumors	136	68	68	11	.....	.....	.....	.....	.....	.....	.....	1	.....	6	11	31	50	27	9	1	.....
16	Tumors, nonmalignant, or of which the nature is not specified	7	2	5	3	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	1	3	.....	.....	.....
17	Chronic rheumatism and gout	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	31	14	17	3	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	6	11	8	3	.....	
19	Alcoholism (acute or chronic)	4	3	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	24	16	8	2	3	1	.....	.....	.....	4	3	1	3	7	3	1	2	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	9	6	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	1	1	1	1	.....	
22	Cerebral hemorrhage, cerebral embolism and thrombosis	87	38	49	11	.....	.....	.....	.....	.....	.....	.....	1	.....	1	7	24	20	25	9	.....	

23	Other diseases of the nervous system and of the organs of special sense	15	9	6	.....	3	.....	.....	.....	3	2	2	1	2	2	1	1	1	.....	.....	.....
24	Diseases of the heart	358	199	159	42	.....	1	.....	1	2	1	11	5	19	36	52	89	97	39	7	.....
25	Other diseases of the circulatory system	22	10	12	4	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2	4	9	4	1	.....
26	Bronchitis	6	2	4	.....	4	.....	.....	.....	4	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....
27	Pneumonias	106	52	54	30	31	.....	.....	.....	31	1	5	3	13	10	14	12	12	3	2	.....
28	Other diseases of the respiratory system (tuberculosis excepted)	11	4	7	1	1	.....	.....	.....	2	1	1	.....	.....	.....	3	2	1	1	.....	.....
29	Diarrhoea and enteritis	12	5	7	2	10	.....	.....	.....	10	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
30	Appendicitis	7	4	3	.....	.....	.....	.....	.....	.....	1	1	.....	.....	2	2	.....	.....	.....	.....	.....
31	Diseases of the liver and biliary passages	16	9	7	2	.....	.....	.....	.....	.....	.....	.....	.....	1	3	5	6	1	.....	.....	.....
32	Other diseases of the digestive system	37	25	12	10	4	.....	.....	.....	4	2	.....	3	6	6	9	5	2	.....	.....	.....
33	Nephritis	176	97	79	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
34	Other diseases of the genitourinary system	17	10	7	3	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	3	3	4	1	1	.....
35	Puerperal septicemia	3	.....	3	1	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	8	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	2	3	3	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	2	1	1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	56	34	22	10	56	.....	.....	.....	56	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....
39	Senility	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
40	Suicide	16	6	10	1	.....	.....	.....	.....	.....	.....	1	3	2	6	2	1	1	.....	.....	.....
41	Homicide	3	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	98	65	33	13	.....	.....	2	1	3	4	10	6	10	9	15	21	16	3	1	.....
43	Cause of death not specified or ill-defined	1	.....	1	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Estimated population, 119,300.

Total resident deaths, 1,405.

Rate per 1,000 population, 11.7.

TABULATION OF DEATHS IN GLOUCESTER 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
	ALL CAUSES	156	91	65		10			1		11		3	5	10	16	29	33	33	15		1
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	4		4													1		2	1		
9	Plague																					
10	Tuberculosis of the respiratory system	7	3	4											2	1	2		2			
11	Other forms of tuberculosis	1		1									1									
12	Syphilis	1	1			1					1											
13	Malaria																					
14	Other infectious and parasitic diseases	2	2																			
15	Cancer and other malignant tumors	16	6	10										1	1	1	4	4	1	2		
16	Tumors, nonmalignant, or of which the nature is not specified																					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	1		1												1						
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings ..	2	1	1											1		1					
21	Progressive locomotor ataxia and general paralysis of the insane	1	1														1					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	12	8	4												1		5	3	3		

Rate per 1,000 population, 10.9.

TABULATION OF DEATHS IN CAPE MAY 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
	ALL CAUSES	443	233	210	58	18	2	2	1	1	24	1	8	14	22	28	67	89	108	74	8	...
1	Typhoid and paratyphoid fever	2	1	1	1										1	1						
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough	2	1	1	1			1			1	1										
7	Diphtheria	1		1			1				1									1	1	
8	Influenza	5	2	3		1					1			1	1							
9	Plague																					
10	Tuberculosis of the respiratory system	5	2	3	3									1	1		2		1			
11	Other forms of tuberculosis	3	2	1					1	1				1	1	1						
12	Syphilis	3	2	1	3									1		2	1					
13	Malaria																					
14	Other infectious and parasitic diseases																					
15	Cancer and other malignant tumors	61	27	34	6										1	2	15	18	16	8	1	
16	Tumors, nonmalignant, or of which the nature is not specified	2	2										1				1					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	6	1	5	1												4		2			
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings..	6	3	3		1					1				1	2		2				
21	Progressive locomotor ataxia and general paralysis of the insane	2	2		1												1	1				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	47	28	19	8												3	3	17	13	11	

Rate per 1,000 population, 13.7.

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																	
						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	913	509	404	70	61	6	1	2	3	73	7	10	31	42	69	131	141	262	123	24	...	
1	Typhoid and paratyphoid fever																						
2	Typhus fever																						
3	Smallpox																						
4	Measles																						
5	Scarlet fever																						
6	Whooping cough	7	3	4		7					7												
7	Diphtheria																						
8	Influenza	13	7	6		2					2			2		2	1	2	4				
9	Plague																						
10	Tuberculosis of the respiratory system	28	14	14	3									9	5	6	3	3	1	1			
11	Other forms of tuberculosis	1	1															1					
12	Syphilis	4	3	1	4										2		1		1				
13	Malaria																						
14	Other infectious and parasitic diseases	3	1	2								1											
15	Cancer and other malignant tumors	121	62	59	3									2	6	13	30	25	37	7	1		
16	Tumors, non-malignant, or of which the nature is not specified	2		2												1	1						
17	Chronic rheumatism and gout	2		2													1				1		
18	Diabetes mellitus	28	12	16	2											2	7	8	9	2			
19	Alcoholism (acute or chronic)	1	1															1					
20	Other general diseases and chronic poisonings	13	5	8				1			1	1		1	1	1	2	3	2	1			
21	Progressive locomotor ataxia and general paralysis of the insane	2	2													1		1					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	97	55	42	8								1		2	2	12	21	44	15			

Rate per 1,000 population, 12.6.

TABULATION OF DEATHS IN BRIDGETON 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	
	ALL CAUSES	228	123	105	25	17			1		18	1	2	7	5	17	34	28	76	33	7		
1	Typhoid and paratyphoid fever																						
2	Typhus fever																						
3	Smallpox																						
4	Measles																						
5	Scarlet fever																						
6	Whooping cough	4	2	2		4					4												
7	Diphtheria																						
8	Influenza	3	2	1										1		1	1						
9	Plague																						
10	Tuberculosis of the respiratory system	7	2	5	2									4		1		2					
11	Other forms of tuberculosis																						
12	Syphilis	2	2		2										1				1				
13	Malaria																						
14	Other infectious and parasitic diseases	1		1								1											
15	Cancer and other malignant tumors	33	15	18	1										2		15	4	10	2			
16	Tumors, nonmalignant, or of which the nature is not specified	1		1													1						
17	Chronic rheumatism and gout																						
18	Diabetes mellitus	8	5	3												1		3	4				
19	Alcoholism (acute or chronic)	1	1															1					
20	Other general diseases and chronic poisonings..	1		1												1							
21	Progressive locomotor ataxia and general paralysis of the insane																						
22	Cerebral hemorrhage, cerebral embolism and thrombosis	23	14	9	2												2	2	2	14	3		

Rate per 1,000 population, 14.2.

TABULATION OF DEATHS IN MILLVILLE 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	
	ALL CAUSES	187	116	71	5	19	1				1	21	3	2	4	10	16	30	30	45	24	2	
1	Typhoid and paratyphoid fever																						
2	Typhus fever																						
3	Smallpox																						
4	Measles																						
5	Scarlet fever																						
6	Whooping cough	3	1	2		3					3												
7	Diphtheria																						
8	Influenza	1	1			1					1												
9	Plague																						
10	Tuberculosis of the respiratory system	5	2	3											1	2		1	1				
11	Other forms of tuberculosis																						
12	Syphilis																						
13	Malaria																						
14	Other infectious and parasitic diseases																						
15	Cancer and other malignant tumors	28	17	11	1										2	6	5	9	5	1			
16	Tumors, nonmalignant, or of which the nature is not specified																						
17	Chronic rheumatism and gout	2		2													1				1		
18	Diabetes mellitus	2	1	1													1			1			
19	Alcoholism (acute or chronic)																						
20	Other general diseases and chronic poisonings..	2	1	1											1		1						
21	Progressive locomotor ataxia and genera paralysis of the insane																						
22	Cerebral hemorrhage, cerebral embolism and thrombosis	19	12	7													3	6	6	4			

Rate per 1,000 population, 12.7.

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																
						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	8699	4591	4108	1018	529	66	38	19	25	677	96	211	401	647	1023	1542	1802	1516	678	106	...
1	Typhoid and paratyphoid fever	1	1												1							
2	Typhus fever																					
3	Smallpox																					
4	Measles	12	6	6	2	1	7	1			9											
5	Scarlet fever	4		4	1	1	1	1		1	3					1						
6	Whooping cough	28	15	13	9	15	7	3	3		28											
7	Diphtheria	2	1	1																		
8	Influenza	43	17	26	9	2	4			1	7			3	3	3	4	3	7	5	5	3
9	Plague																					
10	Tuberculosis of the respiratory system	461	256	205	154	3	1		1		5		33	106	107	87	64	44	11	3	1	
11	Other forms of tuberculosis	52	19	33	21	4	4			3	15		3	6	9	4	6	1	2			
12	Syphilis	98	70	28	51	8	1				9			1	7	15	28	22	14			
13	Malaria	1																		1		
14	Other infectious and parasitic diseases	46	31	15	7	8	3			1	12		4	3	7	6	8	1				
15	Cancer and other malignant tumors	1085	480	605	57				1		1		1	8	14	40	156	273	298	214	64	7
16	Tumors, nonmalignant, or of which the nature is not specified	62	16	46	16	1	1		1	1	4		2	3	3	10	22	15	1	1	1	
17	Chronic rheumatism and gout	8		8														3	3	1	1	
18	Diabetes mellitus	252	86	166	12									1		3	19	53	93	67	15	1
19	Alcoholism (acute or chronic)	19	16	3	1										1	5	5	5	2	1		
20	Other general diseases and chronic poisonings	149	73	76	10	8		3	1	1	13		9	17	11	19	26	23	24	5	2	
21	Progressive locomotor ataxia and general paralysis of the insane	46	32	14	12									2	1	6	7	17	11	2		
22	Cerebral hemorrhage, cerebral embolism and thrombosis	569	255	314	53								1	4	3	11	35	114	155	170	71	5

23	Other diseases of the nervous system and of the organs of special sense	126	77	49	18	8	2	1	2	2	15	7	10	15	11	18	12	24	14	....	....	....
24	Diseases of the heart	2452	1335	1117	197	....	....	1	....	....	1	6	33	50	102	247	459	618	606	287	43	....
25	Other diseases of the circulatory system	160	88	72	13	....	....	....	....	....	....	1	1	2	10	17	24	20	46	29	10	....
26	Bronchitis	31	18	13	4	....	....	....	....	....	4	....	1	3	1	2	3	4	2	11	....	....
27	Pneumonias	567	339	228	96	78	22	13	2	4	119	14	7	23	53	68	82	97	69	25	10	....
28	Other diseases of the respiratory system (tuberculosis excepted)	62	40	22	9	5	1	....	1	....	7	1	2	5	3	10	14	10	4	5	1	....
29	Diarrhoea and enteritis	50	34	16	6	38	2	1	....	1	42	....	1	....	3	....	....	1	3	....	....	....
30	Appendicitis	105	60	45	11	....	1	4	1	1	7	5	16	7	17	20	18	11	4	....	....	....
31	Diseases of the liver and biliary passages	155	71	84	9	....	....	....	....	....	....	....	....	4	14	21	39	48	25	3	1	....
32	Other diseases of the digestive system	206	108	98	21	3	2	1	....	2	8	6	3	7	31	32	45	46	10	11	1	....
33	Nephritis	628	289	339	50	1	....	....	....	....	1	2	6	18	32	65	110	141	154	87	12	....
34	Other diseases of the genitourinary system	125	81	44	26	....	....	....	....	....	....	....	....	8	20	16	15	36	23	5	2	....
35	Puerperal septicemia	18	....	18	6	....	....	....	....	....	....	....	....	13	3	2	....	....	....	....	....	....
36	Other diseases of pregnancy, childbirth and the puerperal state	32	....	32	4	....	....	....	....	....	....	....	1	9	17	5	....	....	....	....	....	....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	30	16	14	4	2	....	....	....	....	2	1	2	3	6	6	2	3	2	3	....	....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	335	194	141	54	332	1	....	1	....	334	1	....	....	....	....	....	....	....	....	....	....
39	Senility	35	17	18	....	....	....	....	....	....	....	....	....	....	....	....	....	1	7	22	5	....
40	Suicide	116	82	34	3	....	....	....	....	....	....	....	1	20	14	29	28	15	9	....	....	....
41	Homicide	50	37	13	21	1	....	....	1	....	2	1	3	12	14	5	9	3	....	1	....	....
42	Violent and accidental deaths (suicide and homicide excepted)	475	327	148	51	7	6	5	4	7	29	26	41	44	50	60	74	70	50	27	4	....
43	Cause of death not specified or ill-defined	3	3	....	....	....	....	....	....	....	....	....	....	....	1	....	2	....	....	....	....	....

Estimated population, 883,900.

Total resident deaths, 8,699.

Rate per 1,000 population, 9.8.

TABULATION OF DEATHS IN BELLEVILLE 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
	ALL CAUSES	231	113	118	8	16	1	1	1	...	19	2	5	12	18	20	43	53	43	15	1	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever	1		1				1			1											
6	Whooping cough	1	1			1					1											
7	Diphtheria																	1				
8	Influenza	1	1																			
9	Plague																1	1				
10	Tuberculosis of the respiratory system	6	4	2	1								1	2	1							
11	Other forms of tuberculosis																					
12	Syphilis																					
13	Malaria			1																		
14	Other infectious and parasitic diseases	1		1										1								
15	Cancer and other malignant tumors	23	10	13											2	4	6	8	2	1		
16	Tumors, nonmalignant, or of which the nature is not specified	2		2										1		1						
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	8	3	5													2	2	4			
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings	4	2	2														3	1			
21	Progressive locomotor ataxia and general paralysis of the insane	1	1		1												1					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	16	7	9													6	4	4	2		

Rate per 1,000 population, 7.6.

TABULATION OF DEATHS IN BLOOMFIELD 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
	ALL CAUSES	345	172	173	13	23	1	2	2	1	29	3	10	9	24	28	65	73	72	29	3	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough	1		1		1					1											
7	Diphtheria																					
8	Influenza	1		1											1							
9	Plague																					
10	Tuberculosis of the respiratory system	8	4	4	2								2	2	2		1	1				
11	Other forms of tuberculosis	3	3			1					1		1					1				
12	Syphilis																					
13	Malaria		2														1					
14	Other infectious and parasitic diseases	2											1									
15	Cancer and other malignant tumors	54	21	33	1									1	1	5	11	17	13	5	1	...
16	Tumors, nonmalignant, or of which the nature is not specified	1		1													1					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	9	2	7												1	4	2	1	1		
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings	5	4	1	1	1			1		2			1			1	1				
21	Progressive locomotor ataxia and general paralysis of the insane																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	26	14	12	2								1	1		1	5	6	9	3	...	

324

Rate per 1,000 population, S.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
	ALL CAUSES	741	361	383	59	26	12	22	2	1	33	9	14	26	41	59	127	165	164	88	18	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever	1		1	1					1	1											
6	Whooping cough	1	1								1											
7	Diphtheria					1	1						1			1		1	2	2	1	
8	Influenza	10	3	7							2											
9	Plague																					
10	Tuberculosis of the respiratory system	22	15	7	7								2	5	5	3	3	2	2	2		
11	Other forms of tuberculosis	6	2	4	1								1	2			2		1			
12	Syphilis	3	1	2	3												2			1		
13	Malaria	1	1																			
14	Other infectious and parasitic diseases	5	1	4	3																	
15	Cancer and other malignant tumors	94	33	61	1							1	2	3	6	7	20	25	20	9	1	
16	Tumors, nonmalignant, or of which the nature is not specified	7	1	6	3										1	3	2					
17	Chronic rheumatism and gout	3		3																		
18	Diabetes mellitus	10	5	11	2											1	2	5	5	3		
19	Alcoholism (acute or chronic)	1		1																		
20	Other general diseases and chronic poisonings	16	6	10				1			1				2	4	3	5	1			
21	Progressive locomotor ataxia and general paralysis of the insane	2	2		1										1		1					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	61	28	33	4											3	8	16	25	9		

Rate per 1,000 population, 10.2.

TABULATION OF DEATHS IN IRVINGTON 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
	ALL CAUSES	488	260	228	1	34	2		2	4	42	5	11	16	34	55	87	108	83	45	2	
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough	1	1						1		1											
7	Diphtheria																					
8	Influenza																					
9	Plague																					
10	Tuberculosis of the respiratory system	23	15	8									1	2	7	4	3	6				
11	Other forms of tuberculosis	1	1												1							
12	Syphilis	2	1	1												1	1					
13	Malaria																					
14	Other infectious and parasitic diseases	6	4	2		2	1			1	4	1				1						
15	Cancer and other malignant tumors	71	22	49									1		3	11	16	24	12	4		
16	Tumors, nonmalignant, or of which the nature is not specified	3	1	2						1	1					1	1					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	20	6	14									1			1	3	6	7	2		
19	Alcoholism (acute or chronic)	3	3												1		1	1				
20	Other general diseases and chronic poisonings..	10	5	5		2					2	1	1			1	2	2	1			
21	Progressive locomotor ataxia and general paralysis of the insane	2	1	1													1	1				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	33	11	22												1	7	9	9	7		

23	Other diseases of the nervous system and of the organs of special sense	9	7	2	1	1	.....	1	.....	2	.....	1	1	1	.....	1	1	2	.....	.....
24	Diseases of the heart	131	76	55	1	1	5	5	14	22	28	36	18	1
25	Other diseases of the circulatory system	3	1	2	1	1	1	
26	Bronchitis	1	1	1	1	
27	Pneumonias	23	17	6	2	1	1	4	1	1	2	3	5	4	3	
28	Other diseases of the respiratory system (tuberculosis excepted)	2	2	1	1	
29	Diarrhoea and enteritis	3	2	1	3	3	
30	Appendicitis	8	5	3	.....	.....	.....	.....	.....	.....	.....	2	1	.....	2	1	1	1	.....	.....
31	Diseases of the liver and biliary passages.....	7	3	4	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	4	1	.....	.....	.....
32	Other diseases of the digestive system	12	4	8	.....	.....	.....	1	1	.....	.....	.....	1	3	2	3	2	.....	.....	.....
33	Nephritis	40	17	23	.....	.....	.....	.....	.....	.....	.....	1	2	3	7	12	8	7	.....	.....
34	Other diseases of the genitourinary system ...	6	2	4	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	2	.....	1	.....	.....
35	Puerperal septicemia	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	23	14	9	.....	23	.....	.....	.....	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	3	2	1	3	
40	Suicide	9	7	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	4	1	.....	.....	.....
41	Homicide	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	28	26	2	1	1	2	2	3	3	5	2	5	2	2	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	
	ALL CAUSES	424	185	239	98	17	5	....	1	1	24	4	11	17	18	38	73	87	86	54	12	...
1	Typhoid and paratyphoid fever																						
2	Typhus fever																						
3	Smallpox																						
4	Measles																						
5	Scarlet fever	1		1												1							
6	Whooping cough																						
7	Diphtheria																						
8	Influenza	1		1																	1		
9	Plague																						
10	Tuberculosis of the respiratory system	12	4	8	9								3	2	1	1	3	2					
11	Other forms of tuberculosis																						
12	Syphilis	2	1	1	2												1						
13	Malaria																						
14	Other infectious and parasitic diseases	2	1	1									1			1							
15	Cancer and other malignant tumors	60	23	37	8											8	17	18	12	4	1	...	
16	Tumors, nonmalignant, or of which the nature is not specified	3		3	2										1	2							
17	Chronic rheumatism and gout																						
18	Diabetes mellitus	15	5	10	2											2	1	4	4	4			
19	Alcoholism (acute or chronic)	1		1	1										1								
20	Other general diseases and chronic poisonings	8	3	5	2							1	1	1		1		3		1			
21	Progressive locomotor ataxia and genera paralysis of the insane	1	1		1										1								
22	Cerebral hemorrhage, cerebral embolism and thrombosis	35	16	19	7										1	1	9	7	9	6	2	...	

23	Other diseases of the nervous system and of the organs of special sense	9	6	3	3	1	.....	.....	.....	1	.....	3	2	.....	.....	1	2	.....	.....
24	Diseases of the heart	123	53	70	26	.....	.....	.....	.....	.....	.....	1	1	1	8	23	32	33	20	4	.....
25	Other diseases of the circulatory system	11	2	9	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	1	4	2	3	.....
26	Bronchitis	4	3	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....	.....	2	.....	.....
27	Pneumonias	28	19	9	7	3	4	.....	.....	1	8	2	1	1	3	3	1	4	4	1	.....
28	Other diseases of the respiratory system (tuberculosis excepted)	1	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	Diarrhoea and enteritis	2	2	.....	1	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	Appendicitis	5	4	1	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	2	.....	1	.....	.....	.....
31	Diseases of the liver and biliary passages	9	3	6	1	.....	.....	.....	.....	.....	.....	.....	.....	1	3	2	3	.....	.....	.....	.....
32	Other diseases of the digestive system	11	3	8	2	.....	.....	.....	.....	.....	.....	.....	2	2	1	1	2	3	.....	.....	.....
33	Nephritis	30	13	17	8	.....	.....	.....	.....	.....	.....	1	1	2	3	3	9	6	5	.....	.....
34	Other diseases of the genitourinary system	10	3	7	6	.....	.....	.....	.....	.....	.....	.....	1	3	1	2	1	2	.....	.....	.....
35	Puerperal septicemia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	11	4	7	3	11	.....	.....	.....	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
40	Suicide	6	4	2	.....	.....	.....	.....	.....	.....	.....	1	.....	2	1	2	.....	.....	.....	.....	.....
41	Homicide	4	1	3	2	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	16	10	6	3	.....	1	.....	1	2	.....	2	.....	1	4	2	4	1	.....	.....	.....
43	Cause of death not specified or ill-defined .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Estimated population, 45,600.

Total resident deaths, 424.

Rate per 1,000 population, 9.2.

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	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	4872	2670	2202	723	344	45	28	9	15	441	55	122	261	417	674	877	959	736	287	43	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	11	5	6	2	1	7	1			9											
5	Scarlet fever	1		1			1				1											
6	Whooping cough	21	11	10	9	12	5	3	1		21											
7	Diphtheria	1		1																		
8	Influenza	23	10	13	8	1	2			1	4			2	3	1	2	2	5	1	2	1
9	Plague																					
10	Tuberculosis of the respiratory system	326	176	150	122	3	1		1		5		22	84	74	65	39	30	5	1	1	
11	Other forms of tuberculosis	37	13	24	20	1	4	3		2	10	3	4	4	7	4	4		1			
12	Syphilis	82	60	22	42	8	1				9		1	6	11	23	16	14	2			
13	Malaria																					
14	Other infectious and parasitic diseases	23	18	5	3	5	2				7	3	1		4	4	4					
15	Cancer and other malignant tumors	553	267	286	41				1		1		4	6	32	86	154	144	98	26	2	
16	Tumors, nonmalignant, or of which the nature is not specified	35	9	26	10	1			1		2	2	2		8	12	7	1		1		
17	Chronic rheumatism and gout	4		4													1	2			1	
18	Diabetes mellitus	139	49	90	5										3	13	33	55	31	3	1	
19	Alcoholism (acute or chronic)	11	10	1											2	5	4					
20	Other general diseases and chronic poisonings..	78	36	42	7	5		2		1	8	5	10	6	13	17	11	6	2			
21	Progressive locomotor ataxia and general paralysis of the insane	30	22	8	6								2	1	3	5	11	7	1			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	289	132	157	34								1	2	9	20	63	80	82	30	2	

23	Other diseases of the nervous system and of the organs of special sense	69	41	28	11	6	2	1	2	11	3	2	8	5	14	8	12	6	.....
24	Diseases of the heart	1357	778	579	135	.....	1	.....	1	.....	1	4	25	29	71	168	275	331	315
25	Other diseases of the circulatory system	96	62	34	10	.....	.....	.....	.....	.....	1	1	2	6	13	15	14	21	18
26	Bronchitis	13	7	6	1	1	.....	.....	.....	1	.....	1	2	.....	.....	1	2	.....	6
27	Pneumonias	348	203	145	70	58	12	10	2	1	83	9	5	14	39	45	57	57	29
23	Other diseases of the respiratory system (tuberculosis excepted)	40	23	17	6	5	.....	.....	.....	5	.....	.....	4	2	7	8	7	2	4
29	Diarrhoea and enteritis	35	25	10	5	28	1	.....	1	30	.....	1	.....	3	.....	.....	.....	1	.....
30	Appendicitis	56	32	24	9	.....	1	3	.....	1	5	2	6	5	11	15	7	5	.....
31	Diseases of the liver and biliary passages	81	36	45	7	.....	.....	.....	.....	.....	.....	.....	4	8	15	15	25	12	1
32	Other diseases of the digestive system	102	63	39	17	3	1	1	.....	1	6	4	2	5	16	19	18	24	5
33	Nephritis	304	135	169	31	1	.....	.....	.....	1	1	4	12	18	39	49	68	72	33
34	Other diseases of the genitourinary system	68	50	18	12	.....	.....	.....	.....	.....	.....	.....	4	11	10	7	21	13	1
35	Puerperal septicemia	10	.....	10	5	.....	.....	.....	.....	.....	.....	.....	6	2	2	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	19	.....	19	3	.....	.....	.....	.....	.....	.....	1	7	8	3	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	14	7	7	3	.....	.....	.....	.....	.....	.....	1	1	2	2	3	1	2	2
38	Congenital debility and malformations, premature birth and other diseases of early infancy	204	114	90	35	201	1	.....	1	203	1	.....	.....	.....	.....	.....	1	5	14
39	Senility	23	11	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	3
40	Suicide	61	45	16	3	.....	.....	.....	.....	.....	.....	1	12	7	16	16	7	2	.....
41	Homicide	29	23	6	16	.....	.....	.....	.....	.....	.....	2	6	9	3	7	2	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	276	194	82	35	4	4	4	1	5	18	13	21	27	31	46	42	37	28
43	Cause of death not specified or ill-defined	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....	.....	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
	ALL CAUSES	169	92	77	4	3	1	...	...	...	4	3	6	10	14	12	33	37	32	17	1	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria	1	1									1								1		
8	Influenza	2	1	1													1					
9	Plague																					
10	Tuberculosis of the respiratory system	4	3	1	1									2	2							
11	Other forms of tuberculosis																					
12	Syphilis																					
13	Malaria																					
14	Other infections and parasitic diseases																					
15	Cancer and other malignant tumors	23	11	12											1	3	8	4	6	1		
16	Tumors, nonmalignant, or of which the nature is not specified	1	1																1			
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	2		2												1	1					
19	Alcoholism (acute or chronic)	1	1											1								
20	Other general diseases and chronic poisonings..	5	3	2										1	2	1	1					
21	Progressive locomotor ataxia and general paralysis of the insane																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	14	4	10												1	3	5	3	1	1	

[illegible]

TABULATION OF DEATHS IN 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 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44
						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
	ALL CAUSES	424	223	201	96	27	4	.....	.....	1	32	1	0	27	21	30	62	80	94
1	Typhoid and paratyphoid fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	1	.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	4	2	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
9	Plague .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	22	14	8	11	.....	.....	.....	.....	.....	.....	.....	2	4	5	2	7	.....	.....
11	Other forms of tuberculosis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Syphilis	3	2	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Malaria .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	3	2	1	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	48	23	25	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	5	2	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	16	5	11	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	Alcoholism (acute or chronic)	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	1	2	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	27	11	16	4	.....	.....	.....	.....	.....	.....	.....	1	.....	1	1	4	7	11

Rate per 1,000 population, 11.8.

TABULATION OF DEATHS IN SOUTH ORANGE VILLAGE 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
	ALL CAUSES	142	72	70	9	7	1	...	1	...	9	2	1	4	3	17	28	29	28	18	3	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	1	1									1										
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza																					
9	Plague																					
10	Tuberculosis of the respiratory system	5	2	3										1		2	1		1			
11	Other forms of tuberculosis																					
12	Syphilis	1	1		1										1							
13	Malaria																					
14	Other infectious and parasitic diseases	1	1														1					
15	Cancer and other malignant tumors	25	9	16												3	4	9	6	2	1	
16	Tumors, nonmalignant, or of which the nature is not specified																					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	6	2	4														3	2	1		
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings..	5	4	1								1		1			2	1				
21	Progressive locomotor ataxia and general paralysis of the insane	1	1		1											1						
22	Cerebral hemorrhage, cerebral embolism and thrombosis	12	7	5	2											5	2	2	2	1		

34

Rate per 1,000 population, 9.2.

TABULATION OF DEATHS IN WEST ORANGE 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
	ALL CAUSES	245	127	118	1	8	1	2	...	1	12	4	9	8	15	19	49	60	44	23	2	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough	1	1				1				1											
7	Diphtheria																					
8	Influenza																					
9	Plague																					
10	Tuberculosis of the respiratory system	12	9	3										1	3	2	5	1				
11	Other forms of tuberculosis	2		2				1			2											
12	Syphilis	2	2													1	1					
13	Malaria																	1				
14	Other infectious and parasitic diseases	1		1																		
15	Cancer and other malignant tumors	36	17	19	1									2	1	6	10	11	5	1		
16	Tumors, nonmalignant, or of which the nature is not specified																					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	9	5	4													1	4	4			
19	Alcoholism (acute or chronic)													3								
20	Other general diseases and chronic poisonings	3	2	1																		
21	Progressive locomotor ataxia and general paralysis of the insane	2		2													1		1			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	17	9	8										1		1	2	5	5	3		

23	Other diseases of the nervous system and of the organs of special sense	5	2	3	.....	.....	.....	.....	.....	.....	2	1	.....	2	.....	.....	.....	.....
24	Diseases of the heart	77	35	42	.....	.....	.....	.....	.....	.....	2	6	8	17	25	13	11	.....
25	Other diseases of the circulatory system	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....
26	Bronchitis	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1	1
27	Pneumonias	12	7	5	.....	1	.....	1	.....	2	.....	2	2	1	.....	.....	.....	.....
28	Other diseases of the respiratory system (tuberculosis excepted)	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
29	Diarrhoea and enteritis	1	1	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	Appendicitis	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
31	Diseases of the liver and biliary passages	3	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	1	.....
32	Other diseases of the digestive system	5	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	1	.....
33	Nephritis	25	9	16	.....	.....	.....	.....	.....	1	1	2	.....	3	3	5	7	3
34	Other diseases of the genitourinary system	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
35	Puerperal septicemia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	3	3	.....	.....	1	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	5	4	1	.....	5	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	1	1
39	Senility	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Suicide	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
41	Homicide .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	13	10	3	.....	.....	.....	.....	.....	.....	3	2	.....	1	.....	2	2	1
43	Cause of death not specified or ill-defined .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Estimated population, 26,700.

Total resident deaths, 245.

Rate per 1,000 population, 9.1.

TABULATION OF DEATHS IN GLOUCESTER 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
	ALL CAUSES	809	444	365	85	43	6	1	1	3	54	11	20	34	38	62	125	157	200	96	12	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever	2	1	1						2	2											
6	Whooping cough	3	2	1		2	1				3											
7	Diphtheria	1		1																		
8	Influenza	12	7	5	2							1	2	1		2	1	1	2	2	1	
9	Plague																					
10	Tuberculosis of the respiratory system	32	18	14	3								3	5	5	8	6	2	2	1		
11	Other forms of tuberculosis	4	1	3	3							1		2					1			
12	Syphilis	4	3	1	1									1	1	1	1					
13	Malaria																					
14	Other infectious and parasitic diseases	7	4	3	1	1					1			1		1	1	2			1	
15	Cancer and other malignant tumors	86	36	50	8					1	1			2	2	8	18	22	25	7	1	
16	Tumors, nonmalignant, or of which the nature is not specified																					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	20	8	12	1											1	2		8	8	1	
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings	12	7	5		3	1				4			1	3			1	3			
21	Progressive locomotor ataxia and general paralysis of the insane	7	7		2											2	2	3				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	79	38	41	6								1			4	13	20	31	9	1	...

34

Rate per 1,000 population, 10.5.

TABULATION OF DEATHS IN HUDSON 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
	ALL CAUSES	6739	3652	3087	239	402	65	29	29	25	550	105	190	282	464	850	1180	1525	1172	378	43	...
1	Typhoid and paratyphoid fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	Typhus fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	Smallpox .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	Measles	27	12	15	...	5	8	5	3	...	21	5	1	...	...	...	...	...	...	...	...	...
5	Scarlet fever	3	1	2	...	1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...
6	Whooping cough	7	4	3	...	3	3	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
7	Diphtheria	17	10	7	...	1	1	1	4	2	9	5	...	1	1	...	...	...	...	...	...	...
8	Influenza	53	29	24	...	2	3	...	1	...	6	2	2	6	2	5	7	14	6	3	...	...
9	Plague .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	Tuberculosis of the respiratory system	341	197	144	31	2	...	...	1	...	3	2	14	78	84	73	45	29	12	1	...	...
11	Other forms of tuberculosis	25	13	12	3	...	1	1	1	1	4	...	1	4	7	3	2	...	4	...	...	...
12	Syphilis	33	27	6	9	2	...	...	...	...	2	1	1	1	2	11	5	6	4	...	...	...
13	Malaria	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	Other infectious and parasitic diseases	49	23	26	1	2	3	1	1	1	8	1	6	9	8	4	3	5	4	1	...	...
15	Cancer and other malignant tumors	814	415	399	16	...	...	...	...	...	...	1	6	8	45	98	214	235	167	38	2	...
16	Tumors, nonmalignant, or of which the nature is not specified	38	10	28	6	1	...	...	...	...	1	...	...	1	11	14	7	3	1	...	...	...
17	Chronic rheumatism and gout	7	3	4	...	...	...	...	...	...	...	...	1	...	...	...	...	...	4	...	...	...
18	Diabetes mellitus	205	62	143	3	...	...	...	...	...	...	...	...	2	1	17	37	86	55	6	1	...
19	Alcoholism (acute or chronic)	15	10	5	2	...	...	...	...	...	...	...	...	1	1	8	3	2	...	...	...	...
20	Other general diseases and chronic poisonings	120	56	64	5	2	...	1	2	2	7	8	18	8	14	20	22	13	10	...	...	...
21	Progressive locomotor ataxia and general paralysis of the insane	32	22	10	3	...	...	...	...	...	...	1	2	1	3	11	7	3	4	...	...	...
22	Cerebral hemorrhage, cerebral embolism and thrombosis	480	228	252	15	1	...	2	...	...	3	...	1	3	11	43	90	145	136	45	3	...

23	Other diseases of the nervous system and of the organs of special sense	98	51	47	2	6	5	3	1	3	18	8	6	6	11	17	14	11	4	3	.....
24	Diseases of the heart	2049	1111	938	47	.....	1	.....	1	2	3	9	47	35	69	234	387	594	481	163	27
25	Other diseases of the circulatory system	110	52	58	2	.....	1	.....	.....	1	.....	.....	.....	4	.....	7	13	22	32	29	2
26	Bronchitis	12	7	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	3	3	2	1	.....
27	Pneumonias	476	261	215	40	71	31	6	5	5	118	26	16	20	38	49	63	71	52	21	2
28	Other diseases of the respiratory system (tuberculosis excepted)	39	26	13	3	5	3	.....	.....	8	.....	2	1	1	5	9	8	4	1	.....	.....
29	Diarrhoea and enteritis	38	18	20	3	24	.....	.....	1	25	1	2	2	2	3	.....	.....	2	.....	1	.....
30	Appendicitis	99	58	41	5	.....	2	4	1	7	5	22	7	9	21	12	11	5	.....	.....	.....
31	Diseases of the liver and biliary passages	123	69	54	2	.....	1	.....	.....	1	1	.....	1	10	32	32	29	15	2	.....	.....
32	Other diseases of the digestive system	161	109	52	3	4	2	2	3	11	6	4	5	19	32	42	25	14	3	.....	.....
33	Nephritis	386	193	193	7	.....	.....	.....	.....	1	1	5	7	23	47	70	104	96	31	2	.....
34	Other diseases of the genitourinary system	90	55	35	1	1	.....	.....	.....	1	1	.....	5	5	8	11	24	24	11	.....	.....
35	Puerperal septicemia	20	.....	20	3	.....	.....	.....	.....	.....	.....	1	9	7	3	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	14	.....	14	1	.....	.....	.....	.....	.....	.....	5	9	.....	.....	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	21	11	10	1	.....	.....	1	1	2	1	4	2	2	6	1	2	1	.....	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	269	169	100	8	266	2	.....	.....	268	.....	1	.....	.....	.....	.....	2	1	1	1	.....
39	Senility	5	3	2	.....	.....	.....	.....	.....	.....	.....	1	13	12	17	24	15	6	.....	.....	.....
40	Suicide	88	73	15	.....	.....	.....	.....	.....	.....	.....	2	2	9	8	4	4	.....	.....	.....	.....
41	Homicide	29	20	9	2	.....	.....	.....	.....	.....	.....	2	2	9	8	4	4	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	343	242	101	9	3	1	5	1	5	15	17	23	27	48	56	52	57	28	18	2
43	Cause of death not specified or ill-defined	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	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
	ALL CAUSES	702	375	327	20	41	10	....	8	5	64	7	30	34	39	124	120	185	73	21	5	....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	7	6	1			3		2		5	2										
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria	2	1	1			1			1	2											
8	Influenza	11	5	6			1				1		1		1	2	1	3	1	1		
9	Plague																					
10	Tuberculosis of the respiratory system	36	17	19	4				1		1		1	9	9	9	5	1	1			
11	Other forms of tuberculosis	2		2					1	1	2											
12	Syphilis	1	1												1							
13	Malaria																					
14	Other infectious and parasitic diseases	7	3	4	1	1					1			2	1	1		1				
15	Cancer and other malignant tumors	85	52	33	1								1			2	19	19	33	9	2	
16	Tumors, nonmalignant, or of which the nature is not specified	9	3	6	1	1					1						5	2	1			
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	14	4	10	1											1	5	6	2			
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings..	12	5	7									2	3	1	2	2	2				
21	Progressive locomotor ataxia and general paralysis of the insane	2	2		1											1		1				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	55	25	30	2	1					1				1	8	9	23	10	3		

23	Other diseases of the nervous system and of the organs of special sense	12	4	8	1	2	.....	1	.....	3	.....	1	1	1	3	2	1	.....	.....	.....
24	Diseases of the heart	215	113	102	2	.....	.....	1	1	1	.....	10	4	5	30	40	74	37	10	4	.....
25	Other diseases of the circulatory system	7	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	2	1	.....	.....
26	Bronchitis	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
27	Pneumonias	57	32	25	2	10	5	2	1	18	1	1	4	5	4	7	14	1	1	1
28	Other diseases of the respiratory system (tuberculosis excepted)	3	2	1	.....	1	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....
29	Diarrhoea and enteritis	3	1	2	.....	1	.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
30	Appendicitis	8	4	4	.....	.....	.....	1	.....	1	.....	1	2	.....	4	.....	.....	.....	.....	.....	.....
31	Diseases of the liver and biliary passages....	14	9	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	7	2	2	.....	.....	.....	.....
32	Other diseases of the digestive system	17	10	7	.....	2	.....	.....	.....	2	.....	1	.....	1	3	5	4	1	.....	.....	.....
33	Nephritis	34	17	17	.....	.....	.....	.....	.....	.....	1	.....	3	.....	8	8	7	6	1	.....	.....
34	Other diseases of the genitourinary system ...	4	2	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	1	.....	.....
35	Puerperal septicemia	3	.....	3	1	.....	.....	.....	.....	.....	.....	.....	2	.....	1	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	22	13	9	.....	22	.....	.....	.....	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Suicide	9	6	3	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2	3	2	.....	.....	.....	.....
41	Homicide	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	46	34	12	3	.....	.....	.....	.....	.....	.....	2	8	2	7	12	7	6	2	.....	.....
43	Cause of death not specified or ill-defined .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Estimated population, 92,300.

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	
	ALL CAUSES	141	79	62	2	11	2	1	.....	1	15	1	7	6	10	20	21	31	23	3	1	.....
1	Typhoid and paratyphoid fever																						
2	Typhus fever																						
3	Smallpox																						
4	Measles																						
5	Scarlet fever																						
6	Whooping cough																						
7	Diphtheria																						
8	Influenza	1		1														1					
9	Plague																						
10	Tuberculosis of the respiratory system	9	5	4	1									3		1	2	2	1				
11	Other forms of tuberculosis	1		1				1			1												
12	Syphilis																						
13	Malaria	1		1												1							
14	Other infectious and parasitic diseases																						
15	Cancer and other malignant tumors	11	6	5										1		1	2	4	2				
16	Tumors, nonmalignant, or of which the nature is not specified	1	1														1						
17	Chronic rheumatism and gout																						
18	Diabetes mellitus	9	5	4											1	2	1	3	2				
19	Alcoholism (acute or chronic)																						
20	Other general diseases and chronic poisonings																						
21	Progressive locomotor ataxia and general paralysis of the insane																						
22	Cerebral hemorrhage, cerebral embolism and thrombosis	3	2	1											1				2				

35

Rate per 1,000 population, 9.0.

TABULATION OF DEATHS IN HOBOKEN 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
	ALL CAUSES	613	335	278	7	36	7	1	1	1	46	9	15	24	51	70	117	130	115	33	3	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox						1				1											
4	Measles	1		1																		
5	Scarlet fever	1		1								1										
6	Whooping cough	1		1							1											
7	Diphtheria	1		1													1					
8	Influenza	2	2								1											
9	Plague																					
10	Tuberculosis of the respiratory system	30	18	12	1								1	8	7	6	2	5	1			
11	Other forms of tuberculosis	6	4	2	1		1				1			1	2		1		1			
12	Syphilis	3	1	2	1	1					1					2						
13	Malaria																					
14	Other infectious and parasitic diseases	4	2										1		1		2					
15	Cancer and other malignant tumors	64	35	29	1									3	3	7	15	20	14	2		
16	Tumors, nonmalignant, or of which the nature is not specified	1		1												1						
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	22	6	16												1	5	10	5	1		
19	Alcoholism (acute or chronic)	3	3													2	1					
20	Other general diseases and chronic poisonings	8	3	5								1	2			2	2		1			
21	Progressive locomotor ataxia and general paralysis of the insane	3	1	2										1	1		1					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	38	14	24												8	5	9	12	4		

Rate per 1,000 population, 10.3.

TABULATION OF DEATHS IN JERSEY 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
	ALL CAUSES	3450	1834	1616	208	198	34	20	16	11	279	53	95	153	248	413	591	785	605	205	23	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	14	4	10		3	3	4			10	3	1									
5	Scarlet fever	12	1	1		1					1		1									
6	Whooping cough	5	3	2	1	3	2				5		1									
7	Diphtheria	11	8	3	3	1		1	3	1	6	4		1	1							
8	Influenza	27	16	11	2	1	1		1		3	2		5	1	1	4	6	3	2		
9	Plague																					
10	Tuberculosis of the respiratory system	191	112	79	25	2					2	2	10	37	49	41	30	15	5			
11	Other forms of tuberculosis	9	6	3	2								1		2	3	1			2		
12	Syphilis	24	20	4	8	1					1			1	1	6	5	6	4			
13	Malaria																					
14	Other infectious and parasitic diseases	22	10	12		1		1	1	1	4	1	2	2	5	2	1	1	3	1		
15	Cancer and other malignant tumors	399	188	211	14								1	4	26	45	107	109	87	20		
16	Tumors, nonmalignant, or of which the nature is not specified	15	3	12	5										7	6	2					
17	Chronic rheumatism and gout	5	3	2									1					3	1			
18	Diabetes mellitus	110	27	83	2									1		11	16	50	28	3	1	
19	Alcoholism (acute or chronic)	9	7	2										1		4	2	2				
20	Other general diseases and chronic poisonings..	57	25	32	5	1		1	2	2	6	3	8	3	6	9	9	10	3			
21	Progressive locomotor ataxia and general paralysis of the insane	19	12	7	2							1	2			8	4	2	2			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	260	124	136	13			2			2		1	3	8	17	54	77	72	23	3	...

23	Other diseases of the nervous system and of the organs of special sense	44	23	21	1	1	2	1	2	6	2	3	2	7	7	4	9	2	2	....	....
24	Diseases of the heart	1036	553	483	44	....	....	....	1	....	1	6	19	22	36	117	183	308	242	87	15
25	Other diseases of the circulatory system	74	39	35	2	....	1	....	....	1	....	....	3	....	4	9	14	21	21	1	....
26	Bronchitis	6	5	1	....	....	....	....	....	....	....	....	1	1	1	1	....	1	1	....	....
27	Pneumonias	259	141	118	36	43	18	4	3	1	69	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	....	....	4	....	2	....	....	2	7	4	2	....	....	....
29	Diarrhoea and enteritis	19	7	12	3	11	....	....	....	11	1	2	1	2	1	....	....	1	....	....	....
30	Appendicitis	44	24	20	3	....	....	1	2	3	1	13	5	4	8	3	4	3	....	....	....
31	Diseases of the liver and biliary passages....	59	31	28	2	....	1	....	....	1	1	....	3	....	17	13	17	5	2	....	....
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	....	....
33	Nephritis	177	88	89	7	....	....	....	....	....	....	3	3	12	21	26	49	47	16	....	....
34	Other diseases of the genitourinary system ...	59	34	25	1	....	....	....	....	....	1	....	3	5	6	8	16	14	6	....	....
35	Puerperal septicemia	9	....	9	2	....	....	....	....	....	....	4	4	1	....	....	....	....	....	....	....
36	Other diseases of pregnancy, childbirth and the puerperal state	10	....	10	1	....	....	....	....	....	....	5	5	....	....	....	....	....	....	....	....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	15	8	7	1	....	....	....	....	....	1	1	2	2	5	1	2	1	....	....	....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	128	78	50	8	126	2	....	....	128	....	....	....	....	....	....	....	....	....	....	....
39	Senility	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....
40	Suicide	42	37	5	....	....	....	....	....	....	....	1	4	6	6	14	7	4	....	....	....
41	Homicide	15	11	4	1	....	....	....	....	....	....	2	6	4	1	2	....	....	....	....	....
42	Violent and accidental deaths (suicide and homicide excepted)	170	119	51	6	1	....	4	1	4	10	7	9	19	20	26	28	28	14	8	1
43	Cause of death not specified or ill-defined	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....

Estimated population, 321,800.

Total resident deaths, 3,450.

Rate per 1,000 population, 10.7.

TABULATION OF DEATHS IN KEARNY 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
	ALL CAUSES	339	187	152	1	20	4	5	1	1	31	4	9	11	29	43	63	66	60	19	4	....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	1		1				1			1											
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	3	1	2		1					1		1				1					
9	Plague																					
10	Tuberculosis of the respiratory system	13	5	8										5	3	2	2		1			
11	Other forms of tuberculosis	3		3											2				1			
12	Syphilis																					
13	Malaria																					
14	Other infectious and parasitic diseases	5	4	1			2				2		1			1		1				
15	Cancer and other malignant tumors	47	20	27									1			7	13	16	8	2		
16	Tumors, nonmalignant, or of which the nature is not specified	3	2	1											2			1				
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	8	6	2												1	1	3	3			
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings..	7	4	3								1	1		1	1	1		2			
21	Progressive locomotor ataxia and general paralysis of the insane	2	2												1				1			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	11	6	5												1	4	2	4	3		

Rate per 1,000 population, 7.6.

[illegible]

23	Other diseases of the nervous system and of the organs of special sense	7	5	2	.....	1	.....	1	.....	1	1	1	2	.....	1	.....	1	.....
24	Diseases of the heart	169	93	76	.....	.....	.....	.....	.....	1	4	3	4	12	30	51	48	15
25	Other diseases of the circulatory system	7	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	1
26	Bronchitis	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
27	Pneumonias	30	14	16	.....	3	2	.....	1	6	.....	3	1	5	4	5	3	3
28	Other diseases of the respiratory system (tuberculosis excepted)	3	2	1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	1	1	.....	.....
29	Diarrhoea and enteritis	3	1	2	.....	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
30	Appendicitis	10	7	3	.....	.....	.....	.....	.....	1	1	1	1	2	1	2	1	.....
31	Diseases of the liver and biliary passages	8	5	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
32	Other diseases of the digestive system	12	10	2	.....	.....	.....	.....	.....	1	.....	1	3	2	2	2	3	.....
33	Nephritis	41	24	17	.....	.....	.....	.....	.....	.....	1	1	2	6	12	11	3	.....
34	Other diseases of the genitourinary system	9	7	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	3	2	.....
35	Puerperal septicemia	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	1	.....	1	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	27	15	12	.....	27	.....	.....	.....	27	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Suicide	7	7	1	.....	.....	.....	.....	.....	.....	.....	1	1	1	1	1	2	.....
41	Homicide	2	2	.....	.....	.....	.....	.....	.....	.....	1	.....	1	1	1	1	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	18	11	7	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
43	Cause of death not specified or ill-defined	1	1	.....	.....	.....	.....	.....	.....	.....	1	2	3	1	2	3	2	3

Estimated population, 58,659.

Total resident deaths, 565.

Rate per 1,000 population, 9.6.

TABULATION OF DEATHS IN WEST NEW YORK 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
	ALL CAUSES	296	168	128	.....	27	12	1	1	3	34	8	8	13	22	41	55	49	54	10	2	.....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	1		1					1		1											
5	Scarlet fever																					
6	Whooping cough	1	1							1	1											
7	Diphtheria	1		1								1										
8	Influenza	1		1																		
9	Plague													1								
10	Tuberculosis of the respiratory system	16	12	4										5	5	3	1	1	1			
11	Other forms of tuberculosis	3	2	1										2	1							
12	Syphilis	1	1													1						
13	Malaria																					
14	Other infectious and parasitic diseases	3	1	2							1		1	1								
15	Cancer and other malignant tumors	44	26	18											4	4	16	8	8	1	1	
16	Tumors, nonmalignant, or of which the nature is not specified	2		2											1		1					
17	Chronic rheumatism and gout	1		1																1		
18	Diabetes mellitus	11	2	9										1			3	2	5			
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings..	4		4										1	1	1			1			
21	Progressive locomotor ataxia and general paralysis of the insane																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	26	15	11												5	5	7	9			

Rate per 1,000 population, 7.5.

TABULATION OF DEATHS IN HUNTERDON 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
	ALL CAUSES	487	274	213	7	23	1	3	.....	.....	27	4	9	12	25	30	57	108	125	73	17	.....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough	2	1	1	1	2					2											
7	Diphtheria																					
8	Influenza	7	4	3				1			1								1	5		
9	Plague																					
10	Tuberculosis of the respiratory system	10	5	5										1	4	3		1	1			
11	Other forms of tuberculosis	2	2											1				1				
12	Syphilis																					
13	Malaria																					
14	Other infectious and parasitic diseases	3	2	1	1									2				1				
15	Cancer and other malignant tumors	59	28	31	1								1		2	7	7	16	16	9	1	
16	Tumors, nonmalignant, or of which the nature is not specified	1		1																		
17	Chronic rheumatism and gout	1		1															1			
18	Diabetes mellitus	3	3																1			
19	Alcoholism (acute or chronic)	2	2															1				
20	Other general diseases and chronic poisonings..	4	2	2										1		1	1	1		2	1	
21	Progressive locomotor ataxia and general paralysis of the insane	2	2														1	1				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	48	18	30	1							1			1		4	12	18	11	1	.....

Rate per 1,000 population, 13.8.

TABULATION OF DEATHS IN MERCER 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
	ALL CAUSES	2112	1118	994	159	126	12	8	9	3	158	25	67	97	129	201	345	458	384	214	34	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever	6	3	3								3	2			1						
6	Whooping cough																					
7	Diphtheria	3	1	2					1	1	2				1							
8	Influenza	14	7	7		2			1	1	4				2	1	2	4	1			
9	Plague																					
10	Tuberculosis of the respiratory system	115	83	32	26	1					1		6	28	15	26	16	17	6			
11	Other forms of tuberculosis	11	4	7	4	1	1				2		1	3	2	1	1	2				
12	Syphilis	18	12	6	5	2			1		3			1	4	3	2	3	2			
13	Malaria																					
14	Other infectious and parasitic diseases	16	8	8	1	1					1	1	2	1	1	3	5	1	1			
15	Cancer and other malignant tumors	231	100	131	10								1	4	15	18	49	76	43	25		
16	Tumors, nonmalignant, or of which the nature is not specified	10	5	5	1									2	2	2	1		2	1		
17	Chronic rheumatism and gout	4	1	3													1		2	1		
18	Diabetes mellitus	62	25	37	2					1	1		1	1	1	3	19	22	12	2		
19	Alcoholism (acute or chronic)	4	4											1	1	1	1	1				
20	Other general diseases and chronic poisonings	37	13	24	2	5			2		7	2	2	4	4	2	9	5	2			
21	Progressive locomotor ataxia and general paralysis of the insane	6	6		2											1	2	1	1	1		
22	Cerebral hemorrhage, cerebral embolism and thrombosis	163	61	102	10								1		2	10	23	46	48	30	3	....

23	Other diseases of the nervous system and of the organs of special sense	33	17	16	3	1	2	1	.....	4	3	3	3	4	3	5	4	2	1	1	.....
24	Diseases of the heart	605	318	287	21	1	1	.....	.....	2	1	11	8	17	57	89	154	151	97	18	.....
25	Other diseases of the circulatory system	46	26	20	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	9	4	22	9	1	.....
26	Bronchitis	4	2	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	1	.....	.....
27	Pneumonias	132	68	64	22	27	6	1	1	.....	35	3	6	4	12	17	16	21	13	5	.....
28	Other diseases of the respiratory system (tuberculosis excepted)	12	9	3	1	1	.....	1	.....	2	.....	1	1	2	1	2	1	2	.....	.....	.....
29	Diarrhoea and enteritis	12	8	4	2	4	1	3	1	.....	9	.....	1	1	2	2	1	.....	.....	.....	.....
30	Appendicitis	18	14	4	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	.....	.....
31	Diseases of the liver and biliary passages	30	16	14	2	.....	.....	1	.....	1	.....	4	3	2	4	4	3	1	1	.....	.....
32	Other diseases of the digestive system	52	33	19	4	.....	.....	1	1	.....	2	1	4	5	1	6	10	7	2	2	.....
33	Nephritis	163	92	71	9	.....	.....	.....	.....	.....	.....	2	1	8	13	27	47	32	26	7	.....
34	Other diseases of the genitourinary system	24	11	13	3	2	2	3	6	2	6	2	4	1
35	Puerperal septicemia	7	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	12	.....	12	4	.....	.....	.....	.....	.....	.....	1	3	8	.....	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	6	2	4	.....	.....	.....	1	.....	1	.....	3	.....	.....	.....	.....	.....	1	1	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	80	46	34	10	80	.....	.....	.....	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	2	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....
40	Suicide	33	22	11	2	.....	.....	.....	.....	.....	.....	2	1	5	4	12	6	3	.....	.....	.....
41	Homicide	9	6	3	1	.....	.....	.....	.....	.....	.....	2	4	1	1	.....	1	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	131	94	37	6	.....	1	.....	.....	1	11	10	14	12	12	21	17	25	7	1	.....
43	Cause of death not specified or ill-defined	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....

Estimated population, 194,700.

Total resident deaths, 2,112.

Rate per 1,000 population, 10.8.

TABULATION OF DEATHS IN TRENTON 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
	ALL CAUSES	1393	744	649	104	94	6	5	5	2	112	17	37	60	80	149	226	319	249	121	23	....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever	2	1	1								1	1									
6	Whooping cough														1							
7	Diphtheria	3	1	2					1	1	2				1							
8	Influenza	9	3	6		2			1		3				1		1	3	1			
9	Plague																					
10	Tuberculosis of the respiratory system	81	59	22	20	1					1		5	18	10	18	11	12	6			
11	Other forms of tuberculosis	9	4	5	4	1	1				2			3	2			2				
12	Syphilis	13	10	3	2	1					1				3	3	1	3	2			
13	Malaria													1								
14	Other infectious and parasitic diseases	7	2	5		1					1					2						
15	Cancer and other malignant tumors	151	68	83	4									3	7	12	32	53	31	13		
16	Tumors, nonmalignant, or of which the nature is not specified	7	3	4										1		2	1		2	1		
17	Chronic rheumatism and gout	4	1	3															2	1		
18	Diabetes mellitus	40	13	27	1						1	1		1		1	13	16	8			
19	Alcoholism (acute or chronic)	3	3											1			1	1				
20	Other general diseases and chronic poisonings	25	9	16	2	4			1		5	2		2	1	2	7	5	1			
21	Progressive locomotor ataxia and general paralysis of the insane	4	4		2											1	2	1				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	97	41	56	5								1		1	6	16	29	28	15	1	....

23	Other diseases of the nervous system and of the organs of special sense	22	12	10	1	1	1	.....	2	2	1	3	2	3	2	4	2	.....	1	.....
24	Diseases of the heart	402	206	198	10	.....	1	.....	1	1	6	5	10	42	66	102	96	61	12	.....
25	Other diseases of the circulatory system	36	23	13	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	6	4	17	7	1	.....
26	Bronchitis	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
27	Pneumonias	100	51	49	19	22	2	1	.....	25	1	4	4	10	16	10	18	9	3	.....
28	Other diseases of the respiratory system (tuberculosis excepted)	9	6	3	1	.....	1	.....	1	.....	.....	1	2	1	1	1	2	.....	.....	.....
29	Diarrhoea and enteritis	9	7	2	1	2	1	2	1	6	.....	.....	.....	2	2	1	.....	.....	.....	.....
30	Appendicitis	15	12	3	2	.....	.....	.....	.....	.....	2	2	2	4	3	1	1	.....	.....	.....
31	Diseases of the liver and biliary passages	18	9	9	.....	.....	1	.....	1	.....	.....	.....	1	2	7	5	1	1	.....	.....
32	Other diseases of the digestive system	33	23	10	3	.....	.....	.....	.....	1	2	4	1	4	11	4	4	1	1	.....
33	Nephritis	101	60	41	8	.....	.....	.....	.....	.....	1	1	6	13	14	34	17	11	4	.....
34	Other diseases of the genitourinary system	18	8	10	2	.....	.....	.....	.....	.....	.....	1	4	2	5	2	3	1	.....	.....
35	Puerperal septicemia	4	.....	4	.....	.....	.....	.....	.....	.....	1	1	2	.....	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	9	.....	9	2	.....	.....	.....	.....	.....	1	2	6	.....	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	5	2	3	.....	.....	1	.....	1	.....	2	.....	.....	.....	.....	.....	1	1	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	59	37	22	9	59	.....	.....	59	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	2	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....
40	Suicide	17	10	7	1	.....	.....	.....	.....	.....	2	.....	1	3	6	4	1	.....	.....	.....
41	Homicide	4	3	1	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....	1	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	73	52	21	3	.....	.....	.....	.....	9	7	6	9	7	8	10	13	3	1	.....
43	Cause of death not specified or ill-defined	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....

Estimated population, 124,400.

Total resident deaths, 1,393.

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																
						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	2007	1145	862	91	140	22	12	3	9	186	22	64	96	125	261	365	401	318	142	27	...
1	Typhoid and paratyphoid fever	1		1													1					
2	Typhus fever																					
3	Smallpox																					
4	Measles	3	1	2			1	1			2		1									
5	Scarlet fever	2					1	1			2											
6	Whooping cough	2	2				5	2			2											
7	Diphtheria	2	2							1	1							1				
8	Influenza	10	7	3		1	1	1			3			1	1	1	2	1		1		
9	Plague																					
10	Tuberculosis of the respiratory system	110	63	47	8		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	3	4	1					
12	Syphilis	15	11	4	4	1					1			1	1	2	5	4	1			
13	Malaria	10	12	7		5		2			2		1		5	4						
14	Other infectious and parasitic diseases	247	124	123	2		1				1		1	2	9	32	65	77	42	17		
15	Cancer and other malignant tumors																					
16	Tumors, nonmalignant, or of which the nature is not specified	14	3	11	1							2		2	3	2	3	1	1			
17	Chronic rheumatism and gout	1																				
18	Diabetes mellitus	58	25	33	3					1	1				1	5	12	23	13	3		
19	Alcoholism (acute or chronic)	6	6		1									1	1	1	3					
20	Other general diseases and chronic poisonings	31	15	16	2					2	2	2	4	4	4	4	4	2	5			
21	Progressive locomotor ataxia and general paralysis of the insane	8	5	3	1											2	2	2	2			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	156	88	68	7								1		5	12	35	47	30	16	1	...

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

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	392	213	179	42	28	5	3			36	4	9	23	23	43	75	82	67	25	5	
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	2	1	1			1	1			2											
5	Scarlet fever																					
6	Whooping cough	1		1		1					1											
7	Diphtheria																					
8	Influenza	1	1												1							
9	Plague																					
10	Tuberculosis of the respiratory system	19	9	10	2						1			5	5	2	5	1		1		
11	Other forms of tuberculosis	1	1		1	1																
12	Syphilis	5	3	2	3											2	1	1	1			
13	Malaria																					
14	Other infectious and parasitic diseases	4	2	2	1	2		1			3					1						
15	Cancer and other malignant tumors	42	17	25	1		1				1				3	2	13	11	8	4		
16	Tumors, nonmalignant, or of which the nature is not specified	4		4	1												1					
17	Chronic rheumatism and gout													2	1							
18	Diabetes mellitus	17	6	11	2											2	2	8	5			
19	Alcoholism (acute or chronic)	2	2		1									1		1						
20	Other general diseases and chronic poisonings	6	3	3	2								1	2	1				1	1		
21	Progressive locomotor ataxia and general paralysis of the insane	2		2	1											1		1				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	36	21	15	6											1	2	10	9	11	3	

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
	ALL CAUSES	366	205	161	6	27	12	4		1	34	4	18	14	23	50	68	76	56	22	1	
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza																					
9	Plague																					
10	Tuberculosis of the respiratory system	31	18	13	1		1				1			2	6	8	7	5	1	1		
11	Other forms of tuberculosis	4	1	3	1			1			1					1	1					
12	Syphilis	2	2															1	1			
13	Malaria																					
14	Other infectious and parasitic diseases	5	5			1					1				3	1						
15	Cancer and other malignant tumors	47	26	21								1		1	1	3	6	11	14	9	5	
16	Tumors, nonmalignant, or of which the nature is not specified	2	1	1													2					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	11	4	7													1	2	6	2		
19	Alcoholism (acute or chronic)	1	1															1				
20	Other general diseases and chronic poisonings..	5	1	4						1	1						2	1	1			
21	Progressive locomotor ataxia and general paralysis of the insane	2	2													1	1					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	33	19	14												1	2	8	12	6	4	

373

Rate per 1,000 population, 8.3.

TABULATION OF DEATHS IN MONMOUTH 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
	ALL CAUSES	2088	1108	980	238	88	6	5	4	4	107	21	42	75	104	200	287	444	520	250	38	...
1	Typhoid and paratyphoid fever	2	2	.....	1	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....
2	Typhus fever	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	3	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	3	2	1	.....	2	1	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....
8	Influenza	21	12	9	3	2	.....	2	.....	1	5	.....	3	3	1	6	.....	2	.....	1	.....	.....
9	Plague .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	73	45	28	21	.....	.....	.....	.....	.....	.....	1	5	10	13	13	15	10	5	1	.....	.....
11	Other forms of tuberculosis	13	9	4	6	.....	.....	.....	.....	.....	.....	1	2	1	2	3	3	.....	.....	.....	.....	.....
12	Syphilis	28	15	13	16	2	.....	.....	.....	.....	2	.....	1	1	2	5	11	3	3	.....	.....	.....
13	Malaria .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	19	8	11	1	.....	.....	.....	1	1	2	1	2	3	3	.....	1	6	1	.....	.....	.....
15	Cancer and other malignant tumors	249	117	132	16	.....	.....	.....	.....	.....	.....	.....	1	2	7	23	51	69	70	23	3	.....
16	Tumors, nonmalignant, or of which the nature is not specified	10	5	5	.....	1	.....	.....	.....	.....	1	.....	.....	.....	3	5	1	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	7	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	54	14	40	4	.....	.....	.....	.....	1	1	.....	.....	.....	3	4	7	20	16	3	.....	.....
19	Alcoholism (acute or chronic)	5	4	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	35	15	20	4	2	.....	.....	.....	.....	2	3	.....	4	3	6	7	5	5	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	12	8	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	2	4	1	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	156	77	79	14	.....	.....	.....	.....	.....	.....	.....	.....	1	1	10	22	36	47	34	5	.....

23	Other diseases of the nervous system and of the organs of special sense	31	15	16	9	3	.....	.....	1	4	3	1	2	4	3	1	5	4	3	1	.....
24	Diseases of the heart	636	334	302	54	1	.....	.....	1	1	.....	1	9	16	54	77	157	202	104	15	.....
25	Other diseases of the circulatory system	50	30	20	1	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	3	4	22	17	1	.....
26	Bronchitis	5	3	2	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	2	.....	1	.....	1	.....
27	Pneumonias	89	48	41	16	14	.....	1	.....	15	2	4	2	7	5	12	14	18	9	1	.....
28	Other diseases of the respiratory system (tuberculosis excepted)	9	3	6	1	1	.....	.....	1	.....	.....	.....	.....	3	3	1	1	.....	.....	.....	.....
29	Diarrhoea and enteritis	8	3	5	2	2	1	.....	.....	3	1	.....	.....	1	1	1	1	.....	.....	.....	.....
30	Appendicitis	16	7	9	2	.....	.....	.....	.....	.....	1	2	.....	5	4	3	1	.....	.....	.....	.....
31	Diseases of the liver and biliary passages	28	16	12	1	.....	.....	.....	.....	.....	.....	.....	.....	8	7	6	6	1	.....	.....	.....
32	Other diseases of the digestive system	48	31	17	8	.....	1	.....	1	1	2	1	2	8	12	11	6	3	1	.....	.....
33	Nephritis	186	97	89	17	.....	.....	1	.....	1	.....	2	2	5	11	21	43	63	33	5	.....
34	Other diseases of the genitourinary system	30	24	6	4	1	.....	.....	1	.....	.....	.....	.....	2	.....	2	11	13	.....	1	.....
35	Puerperal septicemia	6	.....	6	1	.....	.....	.....	.....	.....	.....	3	2	1	.....	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	10	.....	10	1	.....	.....	.....	.....	.....	.....	3	6	1	.....	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	3	3	.....	.....	1	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	56	31	25	9	55	.....	1	.....	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	14	9	5	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	7	4	.....	2	.....
40	Suicide	27	21	6	1	.....	.....	.....	.....	.....	.....	6	2	4	7	3	4	1	.....	.....	.....
41	Homicide	11	5	6	3	.....	.....	.....	.....	.....	.....	4	2	3	1	1	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	131	90	41	14	1	3	1	.....	5	3	15	16	13	12	11	27	18	10	1	.....
43	Cause of death not specified or ill-defined .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Estimated population, 158,900.

Total resident deaths, 2,088.

Rate per 1,000 population, 13.1.

NEW JERSEY STATE LIBRARY

TABULATION OF DEATHS IN ASBURY PARK 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
	ALL CAUSES	224	113	111	75	9	.....	1	1	.....	11	1	5	4	16	30	36	48	50	20	3	.....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	1	1		1									1								
9	Plague																					
10	Tuberculosis of the respiratory system	12	10	2	9								1	1	3	4	2	1				
11	Other forms of tuberculosis	3	2	1	2																	
12	Syphilis	5	2	3	3	1					1				1	1			1			
13	Malaria																					
14	Other infectious and parasitic diseases	2	1	1	1										1			1				
15	Cancer and other malignant tumors	23	7	16	6										1	3	7	5	7			
16	Tumors, nonmalignant, or of which the nature is not specified																					
17	Chronic rheumatism and gout	1		1																		
18	Diabetes mellitus	8	3	5	3				1		1				1		1	3	2		1	
19	Alcoholism (acute or chronic)	1	1		1												1					
20	Other general diseases and chronic poisonings	2	1	1								1				1						
21	Progressive locomotor ataxia and general paralysis of the insane	4	2	2	2											2		2				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	22	14	8	6										1	2	5	7	3	3	1	

23	Other diseases of the nervous system and of the organs of special sense	5	5	3								1	1	2	1		
24	Diseases of the heart	67	28	39	15							1	6	9	17	23	11
25	Other diseases of the circulatory system	3	2	1											1	1	
26	Bronchitis	1		1	1												1
27	Pneumonia	7	5	2	2		1		1		1	1	1	2		1	
28	Other diseases of the respiratory system (tuberculosis excepted)	1		1	1							1					
29	Diarrhoea and enteritis	1		1	1	1			1								
30	Appendicitis	2		2	1							1			1		
31	Diseases of the liver and biliary passages	1		1									1				
32	Other diseases of the digestive system	6	4	2	4				1		1	1	2	2			
33	Nephritis	14	8	6	4					1	1	2	2		6	2	
34	Other diseases of the genitourinary system	1	1		1										1		
35	Puerperal septicemia																
36	Other diseases of pregnancy, childbirth and the puerperal state	3		3							2	1					
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion																
38	Congenital debility and malformations, premature birth and other diseases of early infancy	7	5	2	3	7			7								
39	Senility	3	1	2	2											1	1
40	Suicide	4	2	2						1	1	1				1	
41	Homicide	2	2		2						1				1		
42	Violent and accidental deaths (suicide and homicide excepted)	12	11	1	1					1	1		2	2	3	3	
43	Cause of death not specified or ill-defined																

Estimated population, 15,600.

Total resident deaths, 224.

Rate per 1,000 population, 14.3.

TABULATION OF DEATHS IN LONG BRANCH 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	
	ALL CAUSES	242	131	111	26	12	2				1	15	2	6	11	14	26	36	56	53	19	4	
1	Typhoid and paratyphoid fever																						
2	Typhus fever																						
3	Smallpox																						
4	Measles																						
5	Scarlet fever	2	2										1			1							
6	Whooping cough																						
7	Diphtheria																						
8	Influenza	3	3													1	1		1				
9	Plague																						
10	Tuberculosis of the respiratory system	4	3	1	1									1	1	1		1					
11	Other forms of tuberculosis																						
12	Syphilis	4	1	3	2											1	1	1	1				
13	Malaria																						
14	Other infectious and parasitic diseases	2	1	1															1	1			
15	Cancer and other malignant tumors	24	10	14	1											1	4	5	4	9	1		
16	Tumors, nonmalignant, or of which the nature is not specified	2	2													1	1						
17	Chronic rheumatism and gout	1		1																1			
18	Diabetes mellitus	5	1	4													1	1	3				
19	Alcoholism (acute or chronic)	1	1														1						
20	Other general diseases and chronic poisonings	7	3	4	1											1	1	3		2			
21	Progressive locomotor ataxia and general paralysis of the insane	1	1														1						
22	Cerebral hemorrhage, cerebral embolism and thrombosis	8	6	2	1											1			3	3	1		

23	Other diseases of the nervous system and of the organs of special sense	4	1	3	1	1	2	1	4	10	9	1	20	7	1		
24	Diseases of the heart	77	47	30	5				2			24					
25	Other diseases of the circulatory system	5	5										3	2			
26	Bronchitis	1	1								1						
27	Pneumonias	11	2	9	1			2	1		2	3	3				
28	Other diseases of the respiratory system (tuberculosis excepted)	2	1	1						1	1						
29	Diarrhoea and enteritis	1	1									1					
30	Appendicitis																
31	Diseases of the liver and biliary passages	4	3	1	1					1	1	1	1				
32	Other diseases of the digestive system	4	3	1		1		1			1	1	1				
33	Nephritis	34	15	19	7			1		2	7	10	5	6	3		
34	Other diseases of the genitourinary system	3	1	2	1					1	1	1	1				
35	Puerperal septicemia	1		1	1				1		1	1	1				
36	Other diseases of pregnancy, childbirth and the puerperal state	2		2	1				1	1							
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	1	1			1											
38	Congenital debility and malformations, premature birth and other diseases of early infancy	10	7	3	2	10											
39	Senility	1		1										1			
40	Suicide	4	2	2					1		1		1				
41	Homicide																
42	Violent and accidental deaths (suicide and homicide excepted)	13	7	6	1		1		2	2	1	1	2	2	1		
43	Cause of death not specified or ill-defined																

Estimated population, 19,700.

Total resident deaths, 242.

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
	ALL CAUSES	158	83	75	26	9	....	2	....	....	11	2	4	5	7	17	17	31	42	20	2	....
1	Typhoid and paratyphoid fever .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	Typhus fever .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Smallpox .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Measles .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Scarlet fever .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6	Whooping cough .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	Diphtheria .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8	Influenza	2	1	1	1	....	....	2	....	....	2	....	....	....	....	....	....	....	....	....	....	....
9	Plague .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	6	6	....	1	....	....	....	....	....	....	....	1	....	1	1	1	1	....	1	....	....
11	Other forms of tuberculosis	2	....	2	1	....	....	....	....	....	....	....	....	....	1	1	1	....	....	....	....	....
12	Syphilis	2	....	2	2	1	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....
13	Malaria .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
15	Cancer and other malignant tumors	20	10	10	1	....	....	....	....	....	....	....	....	1	....	2	4	5	6	2	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	1	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
17	Chronic rheumatism and gout .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
18	Diabetes mellitus	3	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	....	....
19	Alcoholism (acute or chronic)	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....
20	Other general diseases and chronic poisonings	3	2	1	2	....	....	....	....	....	....	1	....	....	....	1	1	....	....	....	....	....
21	Progressive locomotor ataxia and genera- paralysis of the insane .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	5	2	3	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	1	1	....

Rate per 1,000 population, 12.9.

TABULATION OF DEATHS IN MORRIS 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
	ALL CAUSES	1249	688	561	36	68	14	6	...	3	91	14	24	46	69	95	186	263	288	151	22	...
1	Typhoid and paratyphoid fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	Typhus fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	Smallpox .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	Measles .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	Scarlet fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	Whooping cough	5	2	3	...	4	...	1	...	...	5	...	...	...	...	...	...	...	...	...	...	...
7	Diphtheria	1	1	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...
8	Influenza	5	2	3	...	2	...	...	...	...	2	...	...	...	...	...	...	1	1	1	...	...
9	Plague .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	Tuberculosis of the respiratory system	42	27	15	2	...	...	...	...	...	2	1	2	7	9	...	7	8	6	2	...	...
11	Other forms of tuberculosis	8	4	4	1	2	...	...	...	...	2	2	...	...	1	...	1	2	2	...	...	...
12	Syphilis	6	6	...	4	2	...	...	...	...	2	...	...	...	...	...	...	2	...	2	...	...
13	Malaria	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
14	Other infectious and parasitic diseases	5	1	4	...	1	...	...	...	...	1	...	...	1	1	...	1	1	...	1	...	...
15	Cancer and other malignant tumors	185	78	107	2	...	...	...	...	...	...	...	1	2	13	18	36	57	40	16	2	...
16	Tumors, nonmalignant, or of which the nature is not specified	4	1	3	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	...	...	...
17	Chronic rheumatism and gout	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	Diabetes mellitus	38	14	24	1	...	...	...	...	...	...	...	...	...	1	3	5	15	11	3	...	...
19	Alcoholism (acute or chronic) .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	Other general diseases and chronic poisonings	21	5	16	...	2	...	1	...	...	3	1	4	1	2	...	5	5	...	...	...	...
21	Progressive locomotor ataxia and genera- l paralysis of the insane	2	2	...	1	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...
22	Cerebral hemorrhage, cerebral embolism and thrombosis	95	41	54	3	1	...	...	...	...	1	...	...	...	...	...	4	13	21	34	18	4

23	Other diseases of the nervous system and of the organs of special sense	8	7	1	1					1	1	2	1		2		1	1			
24	Diseases of the heart	346	203	143	10							1	1	7	8	29	52	84	104	56	4
25	Other diseases of the circulatory system	28	18	10	1										1		5	8	10	4	
26	Bronchitis	4	2	2						1	1						1		2		
27	Pneumonias	74	41	33	3	7	4	2		1	14		3	2	9	1	10	4	17	12	2
28	Other diseases of the respiratory system (tuberculosis excepted)	8	5	3			1				1		1		1	2	1	1		1	
29	Diarrhoea and enteritis	3	1	2		1	1				2										
30	Appendicitis	13	6	7								1	2	1	1	1	3	2	2		
31	Diseases of the liver and biliary passages	19	9	10										1	2	2	4	4	5	1	
32	Other diseases of the digestive system	28	15	13		1	1				2	1	1	1	4	5	2	4	7	1	
33	Nephritis	122	68	54	3							3	6		9	21	22	37	21	3	
34	Other diseases of the genitourinary system	18	15	3	1										2		7	7			
35	Puerperal septicemia	1		1											1						
36	Other diseases of pregnancy, childbirth and the puerperal state	5		5										3	2						
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	2	2										1	1							
38	Congenital debility and malformations, premature birth and other diseases of early infancy	43	34	9		41	2				43										
39	Senility	4	2	2															4		
40	Suicide	11	8	3										4	1		4	2			
41	Homicide	2	1	1	1										1			1			
42	Violent and accidental deaths (suicide and homicide excepted)	87	64	23	1	5	3				8	5	5	9	8	9	11	19	9	3	
43	Cause of death not specified or ill-defined	3	2	1	1		1	1			2						1				

Estimated population, 118,100.

Total resident deaths, 1,249.

Rate per 1,000 population, 10.5.

TABULATION OF DEATHS IN DOVER 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	
	ALL CAUSES	139	75	64	2	6	1	1	...	1	9	1	4	4	8	14	26	26	33	12	2	...	
1	Typhoid and paratyphoid fever																						
2	Typhus fever																						
3	Smallpox																						
4	Measles																						
5	Scarlet fever																						
6	Whooping cough																						
7	Diphtheria	1	1					1			1												
8	Influenza	1	1																	1			
9	Plague																						
10	Tuberculosis of the respiratory system	12	7	5									1	1	1	4	4		1				
11	Other forms of tuberculosis	1		1	1										1								
12	Syphilis																						
13	Malaria																						
14	Other infectious and parasitic diseases																						
15	Cancer and other malignant tumors	19	10	9											1	3	5	4	5	1			
16	Tumors, nonmalignant, or of which the nature is not specified																						
17	Chronic rheumatism and gout																						
18	Diabetes mellitus	5	2	3													1	2	2				
19	Alcoholism (acute or chronic)																						
20	Other general diseases and chronic poisonings	4	2	2									1	1			1	1					
21	Progressive locomotor ataxia and general paralysis of the insane																						
22	Cerebral hemorrhage, cerebral embolism and thrombosis	12	5	7													3	4	4	1			

[illegible]

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
	ALL CAUSES	160	84	76	18	5	2	1			8	1	2	5	13	10	23	43	33	20	2	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza																					
9	Plague																					
10	Tuberculosis of the respiratory system	6	3	3	2								1	2	3							
11	Other forms of tuberculosis	1		1												1						
12	Syphilis																					
13	Malaria	1		1													1					
14	Other infectious and parasitic diseases																					
15	Cancer and other malignant tumors	16	7	9	1											2	4	5	4	1		
16	Tumors, nonmalignant, or of which the nature is not specified	1		1													1					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	6	4	2	1													6				
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings	1		1													1					
21	Progressive locomotor ataxia and general paralysis of the insane	1	1		1										1							
22	Cerebral hemorrhage, cerebral embolism and thrombosis	10	3	7	1											2		5		3		

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																
						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	533	301	232	27	28	2	4	3	2	39	2	7	16	25	40	78	124	122	73	7	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough	1	1					1			1											
7	Diphtheria																					
8	Influenza	18	9	9	2	1			1	1	3		1	2		2	2	8	1	4		
9	Plague																					
10	Tuberculosis of the respiratory system	15	9	6	4									3	3	1	5	2	1			
11	Other forms of tuberculosis																					
12	Syphilis	2		2												1			1			
13	Malaria																					
14	Other infectious and parasitic diseases	5	5											1	1		1	1	1			
15	Cancer and other malignant tumors	60	31	29	1										1	2	8	22	23	4		
16	Tumors, nonmalignant, or of which the nature is not specified	4		4	1										1	1	1	1	1			
17	Chronic rheumatism and gout	2		2												1	1	1				
18	Diabetes mellitus	13	6	7											1		3	5	4	1		
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings..	8	1	7	1	2			1		3				1		2	1	1			
21	Progressive locomotor ataxia and general paralysis of the insane	2	1	1											1							
22	Cerebral hemorrhage, cerebral embolism and thrombosis	40	22	18	2											2	11	11	8	8		

Total resident deaths, 533.

Rate per 1,000 population, 14.7.

TABULATION OF DEATHS IN PASSAIC 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
	ALL CAUSES	2875	1495	1380	86	154	16	10	12	7	199	42	82	140	158	300	497	624	548	256	29	...
1	Typhoid and paratyphoid fever	1	1													1						
2	Typhus fever																					
3	Smallpox																					
4	Measles	4	1	3	1	1	1			2	4											
5	Scarlet fever	1		1								1										
6	Whooping cough	5	5			3		1	1		5											
7	Diphtheria	3		3				1	1		2											
8	Influenza	38	17	16	1	1	1				2	1	1	2	3	6	5	9	2	2		
9	Plague																					
10	Tuberculosis of the respiratory system	121	72	49	8								4	32	20	24	24	14	1	2		
11	Other forms of tuberculosis	18	8	10	1		2	1		1	4	2	1	4	1	1	2	1	1			
12	Syphilis	14	12	2	4	1					1		1	2		4	4	2				
13	Malaria																					
14	Other infectious and parasitic diseases	13	7	6		2			1		3	1	3		1	1	1	2		1		
15	Cancer and other malignant tumors	397	195	202	8							1	3	3	18	40	101	131	70	29	1	
16	Tumors, nonmalignant, or of which the nature is not specified	12	5	7			1				1		2	1	1	2	4	1				
17	Chronic rheumatism and gout	3	1	2															2	1		
18	Diabetes mellitus	94	27	67	2		1		1		2	1	2	1		6	18	33	26	5		
19	Alcoholism (acute or chronic)	4	3	1										1	1	1	1					
20	Other general diseases and chronic poisonings	52	27	25	3	3				1	4	1	8	7	3	11	9	4	5			
21	Progressive locomotor ataxia and general paralysis of the insane	9	7	2	1									1	2	1		3	1	1		
22	Cerebral hemorrhage, cerebral embolism and thrombosis	222	109	113	5		1				1		1	3	4	14	42	65	63	27	2	

23	Other diseases of the nervous system and of the organs of special sense	42	22	20	2	4	.....	.....	4	4	8	6	4	4	5	4	2	1	.....
24	Diseases of the heart	739	384	355	18	.....	1	.....	1	2	16	19	23	69	140	177	191	92	9
25	Other diseases of the circulatory system	80	44	36	3	1	.....	1	2	.....	1	1	1	4	7	15	26	21	2
26	Bronchitis	6	1	5	.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	.....	4	.....	.....
27	Pneumonia	192	102	90	10	29	2	4	2	1	38	6	6	10	8	21	18	38	34
28	Other diseases of the respiratory system (tuberculosis excepted)	26	18	8	2	2	1	.....	3	.....	1	1	1	3	6	5	2	4	.....
29	Diarrhoea and enteritis	10	8	2	.....	1	2	.....	3	.....	.....	1	1	2	.....	1	1	1	.....
30	Appendicitis	80	13	17	.....	1	.....	.....	1	5	2	3	2	6	5	6	.....	.....	.....
31	Diseases of the liver and biliary passages	46	24	22	1	.....	.....	.....	.....	.....	1	6	5	10	13	.....	7	4	.....
32	Other diseases of the digestive system	78	48	30	.....	3	1	.....	3	.....	3	6	8	13	16	14	6	4	1
33	Nephritis	210	87	123	3	.....	.....	.....	1	1	.....	4	2	7	18	37	39	67	27
34	Other diseases of the genitourinary system	38	28	10	1	.....	.....	.....	.....	.....	.....	2	4	4	1	12	7	8	.....
35	Puerperal septicemia	8	.....	8	.....	.....	.....	.....	.....	.....	.....	6	2	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	9	.....	9	.....	.....	.....	.....	.....	.....	.....	3	4	2	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	9	2	7	.....	.....	.....	.....	.....	1	.....	.....	.....	1	3	2	2	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	102	57	45	5	101	.....	.....	101	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	8	2	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	5	1
40	Suicide	54	36	18	.....	.....	.....	.....	.....	.....	6	11	11	9	10	7	.....	.....	.....
41	Homicide	10	7	3	.....	.....	.....	.....	.....	.....	1	2	2	1	2	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	169	112	57	7	1	1	3	2	1	8	13	14	15	17	24	23	22	20
43	Cause of death not specified or ill-defined	3	3	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	2	.....	.....	.....

Estimated population, 314,000.

Total resident deaths, 2,875.

Rate per 1,000 population, 9.1.

TABULATION OF DEATHS IN CLIFTON 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
	ALL CAUSES	333	169	164	.....	22	.....	.....	12	.....	24	11	12	19	18	37	56	76	52	28	.....	.....
1	Typhoid and paratyphoid fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	1	1	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	6	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	1	1	.....	.....	.....	.....
9	Plague .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	17	4	13	.....	.....	.....	.....	.....	.....	.....	.....	1	8	1	3	1	3	.....	.....	.....	.....
11	Other forms of tuberculosis	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....
12	Syphilis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Malaria .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	3	2	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....
15	Cancer and other malignant tumors	53	26	27	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	7	11	18	11	3	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	18	3	15	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	1	5	8	1	1	.....	.....
19	Alcoholism (acute or chronic)	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	9	8	1	.....	2	.....	.....	.....	.....	2	1	2	1	1	1	.....	1	.....	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	29	13	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	7	10	6	5	.....	.....

23	Other diseases of the nervous system and of the organs of special sense	3	2	1	1	1	2	1	1	2	8	18	17	14	8				
24	Diseases of the heart	69	39	30						1	1	2	1	3	1	1			
25	Other diseases of the circulatory system	8	3	5			1	1											
26	Bronchitis																		
27	Pneumonias	16	9	7	3			3			2	1	1	3	5	1			
28	Other diseases of the respiratory system (tuberculosis excepted)	1	1																
29	Diarrhoea and enteritis	2	2		1			1						1					
30	Appendicitis	7	4	3					2	1	1	1	1	1			1		
31	Diseases of the liver and biliary passages	7	6	1						1	1		2	2	1				
32	Other diseases of the digestive system	4	1	3								1	1	1	1				
33	Nephritis	24	13	11								1	4	2	11	0			
34	Other diseases of the genitourinary system	1		1															
35	Puerperal septicemia	3		3						3									
36	Other diseases of pregnancy, childbirth and the puerperal state	2		2							1	1							
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion																		
38	Congenital debility and malformations, premature birth and other diseases of early infancy	14	7	7	14			14											
39	Senility	2		2															
40	Suicide	6	3	3							1	3	1	1	1	1			
41	Homicide																		
42	Violent and accidental deaths (suicide and homicide excepted)	21	13	8						3	4	3	2	3	2	3	1		
43	Cause of death not specified or ill-defined																		

Estimated population, 52,500.

Total resident deaths, 333.

Rate per 1,000 population, 6.3.

TABULATION OF DEATHS IN PASSAIC 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
	ALL CAUSES	522	293	229	21	29	5	1	3	2	40	7	19	30	24	56	107	120	77	36	6	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	2		2	1		1			1	2											
5	Scarlet fever																					
6	Whooping cough	1	1					1			1											
7	Diphtheria	1		1					1		1											
8	Influenza	8	4	4										1		1	1	4		1		
9	Plague																					
10	Tuberculosis of the respiratory system	20	12	8										5	1	7	4	1				
11	Other forms of tuberculosis	2		2								1	1									
12	Syphilis	5	5		2									2			3					
13	Malaria																					
14	Other infectious and parasitic diseases	3	3											1			1					
15	Cancer and other malignant tumors	84	47	37	2										3	8	24	31	12	5	1	
16	Tumors, nonmalignant, or of which the nature is not specified	3	1	2			1				1						2					
17	Chronic rheumatism and gout	1	1																			
18	Diabetes mellitus	12	4	8										1			2	3	5	1		
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings...	9	6	3	1								3	1		2	2		1			
21	Progressive locomotor ataxia and general paralysis of the insane	1	1											1								
22	Cerebral hemorrhage, cerebral embolism and thrombosis	40	20	20	1									1		3	12	12	10	1	1	...

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
	ALL CAUSES	1487	768	719	53	73	6	7	6	3	95	16	33	70	87	149	247	312	313	150	15	....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	1		1						1	1											
5	Scarlet fever	1		1								1										
6	Whooping cough	2	2			2					2											
7	Diphtheria	2		2				1			1											
8	Influenza	12	6	6								1	1	1	1	1	3	3	1			
9	Plague																					
10	Tuberculosis of the respiratory system	63	44	19	8								1	14	14	10	14	9		1		
11	Other forms of tuberculosis	8	4	4	1	1	1	1		1	3			1	3		1					
12	Syphilis	8	7	1	1	1					1					4	1	2				
13	Malaria																					
14	Other infectious and parasitic diseases	6	1	5		2			1		3				1	1				1		
15	Cancer and other malignant tumors	182	86	96	4								1	3	10	13	45	58	35	17		
16	Tumors, nonmalignant, or of which the nature is not specified	3	2	1										1			1	1				
17	Chronic rheumatism and gout	1		1																		
18	Diabetes mellitus	47	13	34	2				1		1		1			4	9	14	15	3		
19	Alcoholism (acute or chronic)	2	1	1											1		1					
20	Other general diseases and chronic poisonings	26	10	16	2	1					1		2	3	2	8	5	2	3			
21	Progressive locomotor ataxia and general paralysis of the insane	6	5	1	1										1	1		2	1	1		
22	Cerebral hemorrhage, cerebral embolism and thrombosis	123	65	58	4		1				1		1	2	3	8	18	35	38	16	1	...

23	Other diseases of the nervous system and of the organs of special sense	21	11	10	1	2	.....	.....	.....	2	1	5	2	1	3	2	2	2	1	.....
24	Diseases of the heart	405	201	204	12	1	.....	.....	.....	1	2	9	10	14	38	73	87	111	54	6
25	Other diseases of the circulatory system	53	31	22	3	1	.....	.....	.....	1	.....	.....	1	1	2	11	21	16	.....	.....
26	Bronchitis	2	.....	2	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
27	Pneumonias	106	54	52	3	16	.....	3	2	21	2	1	7	2	10	8	21	22	9	3
28	Other diseases of the respiratory system (tuberculosis excepted)	12	11	1	1	2	.....	.....	.....	2	.....	.....	.....	.....	1	5	3	.....	1	.....
29	Diarrhoea and enteritis	5	3	2	.....	1	.....	.....	.....	1	.....	.....	1	1	2	.....	.....	.....	.....	.....
30	Appendicitis	13	3	10	.....	.....	.....	.....	.....	1	1	2	.....	.....	4	1	4	.....	.....	.....
31	Diseases of the liver and biliary passages	25	11	14	1	.....	.....	.....	.....	.....	.....	3	3	3	4	7	5	3	.....	.....
32	Other diseases of the digestive system	39	22	17	.....	2	1	.....	1	4	1	.....	3	4	5	11	8	3	.....	.....
33	Nephritis	120	49	71	3	.....	.....	.....	1	1	.....	1	2	5	12	24	20	36	14	5
34	Other diseases of the genitourinary system	22	18	4	1	.....	.....	.....	.....	.....	.....	1	1	3	.....	7	4	6	.....	.....
35	Puerperal septicemia	3	.....	3	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	6	.....	6	.....	.....	.....	.....	.....	.....	.....	3	2	1	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	5	1	4	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2	2	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	42	25	17	1	42	.....	.....	.....	42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	3	.....	2	.....
40	Suicide	24	18	6	.....	.....	.....	.....	.....	.....	.....	2	5	5	6	3	3	.....	.....	.....
41	Homicide	8	6	2	.....	.....	.....	.....	.....	.....	.....	2	2	1	1	2	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	79	54	25	4	1	1	2	1	5	6	7	7	9	11	9	10	9	6	.....
43	Cause of death not specified or ill-defined	2	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....

Estimated population, 139,200.

Total resident deaths, 1,487.

Rate per 1,000 population, 10.6.

TABULATION OF DEATHS IN SALEM 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
	ALL CAUSES	436	252	184	69	38	2	2		2	44	2	13	12	26	34	58	81	101	57	8	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough	2	1	1		2				2												
7	Diphtheria	2	1	1		1		1		1		1										
8	Influenza	12	5	7	3	1				1				2			3	2	3	1		
9	Plague																					
10	Tuberculosis of the respiratory system	17	12	5	4									4	8	2	1	1	1			
11	Other forms of tuberculosis	3	2	1	1								1					1	1	1		
12	Syphilis	4	4		3										1			1	1	1		
13	Malaria																					
14	Other infectious and parasitic diseases	4	3	1		1				1			1	1	1							
15	Cancer and other malignant tumors	41	15	26	7											7	5	15	8	6		
16	Tumors, nonmalignant, or of which the nature is not specified	2	1	1													2					
17	Chronic rheumatism and gout	1		1															1			
18	Diabetes mellitus	7	3	4	3											1	3	2	1			
19	Alcoholism (acute or chronic)	1	1														1					
20	Other general diseases and chronic poisonings	8	4	4	1	2				2				2	1	1	1	1				
21	Progressive locomotor ataxia and general paralysis of the insane	3	2	1												1	1		1			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	29	19	10	5												7	4	12	5	1	...

Rate per 1,000 population, 11.8.

TABULATION OF DEATHS IN SOMERSET 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
	ALL CAUSES	693	386	307	25	39	5	5	3	...	52	9	16	26	36	69	104	133	166	71	11	...
1	Typhoid and paratyphoid fever	1	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
2	Typhus fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	Smallpox .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	Measles .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	Scarlet fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	Whooping cough .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	Diphtheria .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	Influenza	7	3	4	...	1	...	...	...	...	1	...	...	...	1	1	2	1	1	...	...	...
9	Plague .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	Tuberculosis of the respiratory system	35	24	11	5	...	...	...	...	...	...	1	2	9	12	5	1	4	1	...	...	...
11	Other forms of tuberculosis	5	3	2	1	...	...	1	...	...	1	...	1	...	...	1	...	1	...	...	1	...
12	Syphilis	2	1	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...
13	Malaria .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	Other infectious and parasitic diseases	11	6	5	1	1	...	...	1	...	2	...	2	1	1	3	1	...	1	...	...	...
15	Cancer and other malignant tumors	81	46	35	3	...	...	...	...	...	...	...	...	...	2	9	19	20	24	6	1	...
16	Tumors, nonmalignant, or of which the nature is not specified	5	1	4	2	...	...	...	...	...	...	...	...	...	2	3	...	...	...	...	...	...
17	Chronic rheumatism and gout	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
18	Diabetes mellitus	17	9	8	...	...	...	...	...	...	...	...	1	...	...	1	...	8	7	...	...	...
19	Alcoholism (acute or chronic)	2	...	2	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...
20	Other general diseases and chronic poisonings..	14	5	9	...	1	...	...	...	...	1	1	1	1	...	1	4	4	1	...	...	...
21	Progressive locomotor ataxia and general paralysis of the insane	2	2	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...
22	Cerebral hemorrhage, cerebral embolism and thrombosis	65	33	32	...	...	...	...	...	...	...	...	...	...	1	4	10	11	30	9	...	...

Rate per 1,000 population, 9.9.

TABULATION OF DEATHS IN SUSSEX 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
	ALL CAUSES	379	197	182	1	27	2			3	32	5	9	9	18	30	53	61	93	61	8	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever	1	1									1										
6	Whooping cough	1		1		1					1											
7	Diphtheria																	1				
8	Influenza	1		1																		
9	Plague																					
10	Tuberculosis of the respiratory system	7	3	4											2	3		2				
11	Other forms of tuberculosis	1		1										1								
12	Syphilis	3	2	1										1		1						
13	Malaria	1	1																	1		
14	Other infectious and parasitic diseases	1	1																			
15	Cancer and other malignant tumors	58	26	32									1			7	10	8	18	13	1	
16	Tumors, nonmalignant, or of which the nature is not specified	1	1													1						
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	13	6	7												1	4	1	7			
19	Alcoholism (acute or chronic)	1	1														1					
20	Other general diseases and chronic poisonings	4	1	3						1	1				1		1	1				
21	Progressive locomotor ataxia and general paralysis of the insane	1	1									1										
22	Cerebral hemorrhage, cerebral embolism and thrombosis	32	12	20											1		3	12	7	9		

4.

Rate per 1,000 population, 13.2.

TABULATION OF DEATHS IN UNION 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	
	ALL CAUSES	2979	1524	1455	236	162	23	18	8	15	226	54	77	141	195	351	526	562	548	262	37	...	
1	Typhoid and paratyphoid fever																						
2	Typhus fever																						
3	Smallpox																						
4	Measles	4	1	3	1			1		1	2	1	1										
5	Scarlet fever																						
6	Whooping cough	9	7	2	2	6	1	1			8	1											
7	Diphtheria	3	2	1	1			1		1	2	1											
8	Influenza	30	14	16	1	1	1	2		1	5	1		2	3	7	6	5		1			
9	Plague																						
10	Tuberculosis of the respiratory system	132	81	51	35	1					1		9	36	36	23	16	7		4			
11	Other forms of tuberculosis	21	11	10	4	1		1	1	2	5	3		3	2	2	4	2					
12	Syphilis	18	12	6	7							1			4	4	6	1	2				
13	Malaria																						
14	Other infectious and parasitic diseases	25	16	9	1		1		1	1	3	6		3	5	4	2	1	1				
15	Cancer and other malignant tumors	372	176	196	21					1	1			4	19	54	82	105	82	24	1		
16	Tumors, nonmalignant, or of which the nature is not specified	30	11	19	6				1		1	1		4	5	11	5	2		1			
17	Chronic rheumatism and gout	1		1																			
18	Diabetes mellitus	94	51	63	8								2	1	4	4	24	26	29	4			
19	Alcoholism (acute or chronic)	2																1	1				
20	Other general diseases and chronic poisonings	55	27	28	3	2	2				4	6	8	3	5	5	10	6	6	2			
21	Progressive locomotor ataxia and general paralysis of the insane	10	8	2	1										1	1	6	2					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	226	102	124	11							1			3	20	46	57	62	35	2	....

23	Other diseases of the nervous system and of the organs of special sense	48	26	22	2	5	1	2	1	1	10	4	3	5	4	5	6	5	3	3	.....
24	Diseases of the heart	823	445	378	47	1	.....	.....	.....	.....	1	2	15	10	27	75	165	192	218	101	17
25	Other diseases of the circulatory system	54	14	40	2	.....	.....	.....	.....	.....	.....	.....	1	.....	2	3	3	6	16	18	5
26	Bronchitis	5	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	3	.....	.....
27	Pneumonias	193	97	96	21	26	6	3	2	1	38	8	4	10	10	29	22	26	30	13	3
28	Other diseases of the respiratory system (tuberculosis excepted)	15	6	9	1	2	2	1	.....	1	6	.....	1	1	.....	3	1	1	1	1	.....
29	Diarrhoea and enteritis	12	3	9	1	6	1	.....	.....	.....	7	.....	1	1	1	.....	.....	.....	2	.....	.....
30	Appendicitis	36	20	16	1	1	.....	1	1	1	4	2	7	2	5	4	7	3	2	.....	.....
31	Diseases of the liver and biliary passages	56	28	28	1	1	.....	.....	.....	.....	1	.....	.....	1	2	18	14	14	5	1	.....
32	Other diseases of the digestive system	83	41	42	7	1	2	.....	1	2	6	1	1	3	10	20	14	16	6	5	1
33	Nephritis	174	81	93	15	.....	.....	.....	.....	.....	.....	1	1	9	5	16	24	49	39	25	5
34	Other diseases of the genitourinary system	42	22	20	6	.....	.....	.....	.....	.....	.....	.....	2	5	4	5	9	6	9	3	.....
35	Puerperal septicemia	8	.....	8	1	.....	.....	.....	.....	.....	.....	.....	.....	2	5	1	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	10	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	1	2	6	1	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	7	4	3	1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	1	3	.....	1	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	110	58	52	12	107	1	1	.....	.....	109	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	14	4	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	10	1
40	Suicide	27	19	8	1	.....	.....	.....	.....	.....	.....	.....	1	5	7	6	5	2	1	1	.....
41	Homicide	6	4	2	2	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	3	.....	.....	1	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	214	144	70	12	1	3	3	.....	2	9	11	18	26	20	24	43	27	20	14	2
43	Cause of death not specified or ill-defined	10	5	5	2	.....	2	1	.....	.....	3	.....	1	1	.....	1	2	1	1	.....	.....

Estimated population, 334,400.

Total resident deaths, 2,979.

Rate per 1,000 population, 8.9.

TABULATION OF DEATHS IN ELIZABETH 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
	ALL CAUSES	1019	535	484	63	60	5	9	4	6	84	20	33	45	66	139	202	196	169	60	5	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	1	1																			
5	Scarlet fever																					
6	Whooping cough	6	5	1	1	5	1				6											
7	Diphtheria	1	1																			
8	Influenza	12	7	5	1	1		1			2	1		1	2	1	1	3		1		
9	Plague																					
10	Tuberculosis of the respiratory system	51	33	18	12								3	13	14	10	8	2	1			
11	Other forms of tuberculosis	9	5	4					1		3	1		1	2	3	1	2				
12	Syphilis	10	7	3	4												3		2			
13	Malaria													1	1	2			1			
14	Other infectious and parasitic diseases	6	4	2						1	1											
15	Cancer and other malignant tumors	116	57	59	4									2	8	19	35	27	20	5		
16	Tumors, nonmalignant, or of which the nature is not specified	11	4	7	3				1		1				1	6	3					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	33	15	18	1										1	1	11	11	7	2		
19	Alcoholism (acute or chronic)	1	1															1				
20	Other general diseases and chronic poisonings	21	11	10								2	5	2	2	3	4	1	2			
21	Progressive locomotor ataxia and general paralysis of the insane	4	3	1												1	3					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	88	39	49	2							1				12	21	24	23	7		

23	Other diseases of the nervous system and of the organs of special sense	19	9	10	1	1	1	1	2	3	1	2	1	3	3	3	1	.....	.....
24	Diseases of the heart	261	142	119	9	1	1	1	1	1	7	3	10	25	61	72	62	17	2
25	Other diseases of the circulatory system	16	5	11	1	1	1	1	1	1	1	1	1	2	1	2	6	4	1
26	Bronchitis	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	Pneumonias	73	38	35	5	9	3	1	13	1	1	3	3	10	11	12	12	6	1
28	Other diseases of the respiratory system (tuberculosis excepted)	5	2	3	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1
29	Diarrhoea and enteritis	4	1	3	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1
30	Appendicitis	14	9	5	1	1	1	1	2	1	3	1	1	2	5	1	1	1	1
31	Diseases of the liver and biliary passages	16	9	7	1	1	1	1	1	1	1	1	1	8	3	4	1	4	1
32	Other diseases of the digestive system	27	12	15	1	1	1	1	3	1	1	1	1	2	5	6	4	1	4
33	Nephritis	54	22	32	4	1	1	1	1	1	1	1	1	4	2	7	10	13	12
34	Other diseases of the genitourinary system	15	9	6	1	1	1	1	1	1	1	1	1	3	3	2	2	1	1
35	Puerperal septicemia	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36	Other diseases of pregnancy, childbirth and the puerperal state	3	3	3	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	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38	Congenital debility and malformations, premature birth and other diseases of early infancy	39	20	19	3	39	1	1	39	1	1	1	1	1	1	1	1	1	1
39	Senility	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40	Suicide	11	7	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
41	Homicide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42	Violent and accidental deaths (suicide and homicide excepted)	76	50	26	6	2	1	1	1	7	9	5	7	8	8	12	12	4	1
43	Cause of death not specified or ill-defined	5	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Estimated population, 119,800.

Total resident deaths, 1,019.

Rate per 1,000 population, 8.5.

TABULATION OF DEATHS IN LINDEN 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
						19	.....	1	1	2	23	7	5	9	19	26	28	28	24	8	1	.....
	ALL CAUSES	178	95	83	9	19	.....	1	1	2	23	7	5	9	19	26	28	28	24	8	1	.....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough	1	1			1					1											
7	Diphtheria																					
8	Influenza	1	1											1								
9	Plague																					
10	Tuberculosis of the respiratory system	14	11	3	3								2	5	5	1	1					
11	Other forms of tuberculosis																					
12	Syphilis	2	2												1		1					
13	Malaria																					
14	Other infectious and parasitic diseases																					
15	Cancer and other malignant tumors	19	9	10										1	3	3	1	7	4			
16	Tumors, nonmalignant, or of which the nature is not specified	2	1	1								1				1						
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	4		4												1	1	1	1			
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings	4	2	2								1	1		2							
21	Progressive locomotor ataxia and general paralysis of the insane																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	12	5	7	2										1	1	3	4	2	1		

409

Rate per 1,000 population, 7.2.

TABULATION OF DEATHS IN PLAINFIELD 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	
	ALL CAUSES	412	186	226	66	11	3	2	1	1	18	7	12	28	25	43	70	67	81	52	9	...	
1	Typhoid and paratyphoid fever																						
2	Typhus fever																						
3	Smallpox																						
4	Measles																						
5	Scarlet fever																						
6	Whooping cough																						
7	Diphtheria																						
8	Influenza	5	1	4											1	2	1	1					
9	Plague																						
10	Tuberculosis of the respiratory system	15	6	9	8								1	6	3	4		1					
11	Other forms of tuberculosis	5	3	2	2	1		1			2				1		1						
12	Syphilis	2	1	1	2										1	1							
13	Malaria																						
14	Other infectious and parasitic diseases	5	4	1	1							2		1		1	1						
15	Cancer and other malignant tumors	49	20	29	8										3	5	9	11	13	7	1		
16	Tumors, nonmalignant, or of which the nature is not specified	3	1	2											1	1				1			
17	Chronic rheumatism and gout																						
18	Diabetes mellitus	15	4	11	5								2			1	6	1	4	1			
19	Alcoholism (acute or chronic)																						
20	Other general diseases and chronic poisonings	9	5	4	1	2					2	1	1		1		2	2					
21	Progressive locomotor ataxia and general paralysis of the insane	3	2	1	1										1		1	1					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	30	11	19	4										1	1	9	7	9	3			

[illegible]

Estimated population, 36,200.

Total resident deaths, 412.

Rate per 1,000 population, 11.3.

TABULATION OF DEATHS IN RAHWAY 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
	ALL CAUSES	171	83	88	13	10	2	1			13		4	9	11	18	31	35	30	19	1	
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	1		1				1			1											
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	4	1	3												1	3					
9	Plague																					
10	Tuberculosis of the respiratory system	6	4	2	2												1	1	1			
11	Other forms of tuberculosis																					
12	Syphilis																					
13	Malaria																					
14	Other infections and parasitic diseases																					
15	Cancer and other malignant tumors	19	10	9												1	3	9	4	1		
16	Tumors, nonmalignant, or of which the nature is not specified	3	2	1	1																	
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	4	1	3																		
19	Alcoholism (acute or chronic)	1	1															1	2	1		
20	Other general diseases and chronic poisonings	3	2	1	1		1				1					1	1					
21	Progressive locomotor ataxia and genera paralysis of the insane																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	17	4	13												3	1	4	5	4		

Estimated population, 17,300.

Total resident deaths, 171.

Rate per 1,000 population, 9.8.

TABULATION OF DEATHS IN SUMMIT 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	
.	ALL CAUSES	151	80	71	10	5	...	1	...	...	6	2	2	6	10	15	19	38	35	16	2	...
1	Typhoid and paratyphoid fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	Typhus fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	Smallpox .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	Measles .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	Scarlet fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	Whooping cough .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	Diphtheria	1	...	1	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...
8	Influenza .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	Plague .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	Tuberculosis of the respiratory system	5	3	2	1	...	...	...	...	...	...	...	...	2	...	1	1	...	...	1	...	...
11	Other forms of tuberculosis	2	1	1	1	...	...	...	...	...	...	1	...	...	1	...	1	...	...	...	...	...
12	Syphilis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	Malaria .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	Other infectious and parasitic diseases .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	Cancer and other malignant tumors	17	8	9	...	...	...	...	...	...	...	...	...	...	2	1	1	11	2	...	...	...
16	Tumors, nonmalignant, or of which the nature is not specified	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
17	Chronic rheumatism and gout .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	Diabetes mellitus	5	2	3	...	...	...	...	...	...	...	...	...	...	...	...	...	3	2	...	...	...
19	Alcoholism (acute or chronic) .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	Other general diseases and chronic poisonings	3	1	2	...	...	...	...	...	...	...	...	1	...	...	...	1	1	...	...	...	...
21	Progressive locomotor ataxia and genera- paralysis of the insane .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	Cerebral hemorrhage, cerebral embolism and thrombosis	10	6	4	...	...	...	...	...	...	...	...	...	...	...	1	...	1	4	4	...	...

Rate per 1,000 population, 9.6.

TABULATION OF DEATHS IN WESTFIELD 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
	ALL CAUSES	175	92	83	19	9	2	...	1	1	13	2	2	6	13	12	29	29	37	28	4	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	1	1													1						
9	Plague																					
10	Tuberculosis of the respiratory system	4	3	1	2									1	1	1	1					
11	Other forms of tuberculosis																					
12	Syphilis	1		1	1										1							
13	Malaria																					
14	Other infectious and parasitic diseases	4	3	1			1		1		2							1				
15	Cancer and other malignant tumors	25	15	10	2					1	1					1	7	6	6	4	....	...
16	Tumors, nonmalignant, or of which the nature is not specified																					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	5	2	3	1										1		1	2	1			
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings	1		1														1				
21	Progressive locomotor ataxia and general paralysis of the insane																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	13	5	8	2										1	...	1	2	4	4	1	...

Rate per 1,000 population, 9.9

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
	ALL CAUSES	623	337	286	0	43	3	3	5	1	55	4	14	22	18	52	94	134	144	75	11	...
1	Typhoid and paratyphoid fever	1		1		1					1											
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough	2	1	1			1		1		2											
7	Diphtheria																					
8	Influenza	4	4															1	1	1		
9	Plague																					
10	Tuberculosis of the respiratory system	10	6	4	1									2		2	3	2	1			
11	Other forms of tuberculosis	2	1	1									1							1		
12	Syphilis	4	3	1												2	1		1			
13	Malaria																					
14	Other infectious and parasitic diseases	1		1		1					1											
15	Cancer and other malignant tumors	67	28	39										1		7	12	21	20	4	2	
16	Tumors, nonmalignant, or of which the nature is not specified	4	1	3												1	2		1			
17	Chronic rheumatism and gout	4	2	2										2			1		1			
18	Diabetes mellitus	16	3	13											1		5	7	2	1		
19	Alcoholism (acute or chronic)	3	3													1			2			
20	Other general diseases and chronic poisonings..	8	4	4		2		1	1		4			1		1	2					
21	Progressive locomotor ataxia and general paralysis of the insane	1	1													1						
22	Cerebral hemorrhage, cerebral embolism and thrombosis	61	34	27	1									1	1	1	13	15	19	11		

23	Other diseases of the nervous system and of the organs of special sense	12	8	4	1	3	1	4	2	2	3	16	19	46	64	35	1	1
24	Diseases of the heart	189	98	91	1	1	1	1	2	2	3	16	19	46	64	35	1	1
25	Other diseases of the circulatory system	12	7	5										1	1	1	3	3
26	Bronchitis	3		3					1								1	1
27	Pneumonias	44	20	24	1	10	1	1	3		5		5	6	7	4	2	2
28	Other diseases of the respiratory system (tuberculosis excepted)	4	4		1								2	2				
29	Diarrhoea and enteritis	1	1				1	1										
30	Appendicitis	6	2	4					1	1	2	1		1				
31	Diseases of the liver and biliary passages	17	11	6							2	4	4	3	2	2		
32	Other diseases of the digestive system	10	7	3		1		1	1			2	3	3				
33	Nephritis	49	28	21							3	5	9	14	11	7		
34	Other diseases of the genitourinary system	6	5	1									2	1	2		1	
35	Puerperal septicemia	1		1							1							
36	Other diseases of pregnancy, childbirth and the puerperal state																	
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion													2			1	
38	Congenital debility and malformations, premature birth and other diseases of early infancy	23	16	7		23		23										
39	Senility	4	2	2										1		2	1	
40	Suicide	6	3	3							1		1					
41	Homicide												4					
42	Violent and accidental deaths (suicide and homicide excepted)	44	32	12		1		3	1	5	1	4	7	2	7	6	6	4
43	Cause of death not specified or ill-defined	1		1							1							

Estimated population, 50,500.

Total resident deaths, 623.

Rate per 1,000 population, 12.3.

TABULATION OF DEATHS IN PHILLIPSBURG 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
	ALL CAUSES	195	106	89	.....	13	3	3	3	.....	22	1	9	3	5	17	34	51	34	17	2	.....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough	2	1	1			1		1		2											
7	Diphtheria																					
8	Influenza																					
9	Plague																					
10	Tuberculosis of the respiratory system	2	1	1										5			1					
11	Other forms of tuberculosis																					
12	Syphilis	2	2													1	1					
13	Malaria																					
14	Other infectious and parasitic diseases	1		1		1					1											
15	Cancer and other malignant tumors	27	9	18												4	6	10	5	2		
16	Tumors, non-malignant, or of which the nature is not specified	1	1														1					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	7	1	6													3	4				
19	Alcoholism (acute or chronic)	2	2													1			1			
20	Other general diseases and chronic poisonings	6	4	2		1		1	1		3			1		1	1					
21	Progressive locomotor ataxia and general paralysis of the insane	1	1													1						
22	Cerebral hemorrhage, cerebral embolism and thrombosis	20	10	10													3	10	4	3		

Rate per 1,000 population, 9.7.

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INDEX

A	PAGE
Abnormal births investigated	157
Abortions, criminal	157
Acriflavine treatment, gonorrhea	166
Action taken on suspected sources of infection, venereal disease	163
Activities, miscellaneous, Bureau Local Health Administration	28
Airway certificates issued	55
Alcoholic beverages, samples examined	126
Amoeba	141
Analysis of sources of infection, venereal disease	162
Analysis of water, fee	63
Analysis, public potable water supplies	104-120
Animal inoculations	135-136
Anterior Poliomyelitis	16, 18, 20, 40, 49, 141
Anthrax	51
Automobile fatalities	218, 219

B

Bacterial infection	141
Bacteriological outfits, repositories for	136, 142
Bacteriological specimens examined	131, 137-142
Bacteriology, Report of Chief of Bureau	131
Bakeries, inspection of	125
Bakery products, regulations	124-125
Barber Registration Division	31
Beverage plants inspected, non-alcoholic	125
Biologicals, free	23
Birth rates	181, 182, 200
Births	181, 182, 183
Bismuth for venereal disease	166
Boarding homes for children	155
Bottled water plants inspected	125
Brucella infection	141
Bureau of Bacteriology, Report of Chief of	131
Bureau of Chemistry	145
Bureau of Child Hygiene, Report of Consultant of	149
Bureau of Engineering, Report of Chief of	53
Bureau of Food and Drugs, Report of Chief of	121
Bureau of Local Health Administration, Report of Chief of	15
Bureau of Public Health Education, Report of Chief of	173
Bureau of Venereal Disease Control, Report of Consultant of	159
Bureau of Vital Statistics, Report of Chief of	177

	C	PAGE
Camps, inspection of		25
Cancer	211, 213,	215
Canning factories inspected		126
Cape Island Creek, shellfish		128
Cape May Point, inspection		59
Carriers, Interstate, water certificates		55
C. C. C. Camps		168
Cerebrospinal meningitis		35, 48
Certificates, water		55
Chancroid	160, 161	
Chemical analysis of public potable water supplies		104-120
Chemistry, Report of Chief of Bureau of		145
Chickenpox		33, 47
Childbirth, mortality from	196, 198,	199
Child hygiene conference, annual		153
Child hygiene exhibits		153
Child hygiene nurse service		153
Child hygiene nurses	151, 152, 153,	154
Child hygiene nurses, training of		10, 152
Child Hygiene, Report of Consultant of Bureau of		149
Child-Parent relationship courses		152
Children's Bureau, Washington, plans approved by		154
Clinics, venereal disease		162, 164
Cold storage, foods in		127, 130
Colored population, death rates		221
Communicable diseases, investigations		17
Communicable diseases on dairies		22
Communicable diseases, prevalence of		15
Communities making provision for nurses		151
Conference, Annual Child Hygiene		153
Conference of clinic workers, venereal disease		167
Congenital Syphilis		162
Consultation Service, Venereal Diseases		166
Counter ice cream freezers		123
County Boards of Health, legislation		27
Courses, health		27
Court decisions		9, 56
Court trials, engineering		55
Cream filled bakery products, regulations adopted		124, 125
Cream puffs and éclairs, rules		10
Cream, samples examined		123, 126
Cross connections in water supplies		67-68
Culture Media		135, 136, 143
Custard fillings		135
Custard, regulations adopted		124-125

INDEX

425

D	PAGE
Dairies, communicable diseases on	22
Dairies, out-of-State, inspection of	10
Dairy farms, inspection of	121-123
Darkfield examinations for syphilis	165
Death rates	182, 290
Death rates, white and colored	221
Deaths	182, 183, 225, 290
Deaths by counties and cities	183, 290
Deaths by counties and cities, cause, sex and age periods	290
Deaths by districts	183, 290
Deaths of infants, tables	183, 200, 232, 234
Decisions, court	9
Delaware Bay, shellfish investigation	128
Delinquent cases, venereal disease	164
Department of Health, functions of	7
Diagnosis, assistance in	22
Diagnostic facilities, venereal disease	165
Diphtheria	15, 33, 34, 47, 137, 208, 210
Diphtheria toxoid distributed	23
Director of Health, Report of	7
Disease reduction	7
Drug samples examined, table showing	146-147
Drugs and supplies for venereal disease, purchase of	165
Drugs for venereal disease	164, 165, 166
Drugs, samples examined	126, 147
Dysentery	34, 47, 141

E

Éclairs, rules regarding	10
Educational work, Bureau of Venereal Disease Control	169-171
Education, Public Health, Report of Chief of Bureau of	173
Emergency relief for midwives	157
Encephalitis, lethargic	51
Engineering, Report of Chief of Bureau of	53
Enteritis, gastro	20
Epidemic, cerebrospinal meningitis	35, 48
Epidemics	9
Exhibits, child hygiene	153
Expenditures of Department, statement of	12

F

Factories on watersheds	75
Federal funds for public works	9
Federal Social Security Act	30
Fees collected, table showing	126
Financial statement, Department of Health	12, 13, 14

	PAGE
Florence Township, survey	26
Food and Drug Act	121
Food and drug samples examined, table showing	146, 147
Food and Drugs, Report of Chief of Bureau of	121
Food establishments inspected, table showing	127
Food handlers, specimens examined	133
Foods in cold storage, extensions granted	127
Foods in cold storage, table	130
Foods, samples examined	126, 146, 147
Functions of Department of Health	7

G

Gastro enteritis	20
German measles	35, 36, 49
Gonorrhoea	139, 141, 160, 161, 166

H

Health activities	7, 8
Health courses	27
Health Education, Report of Chief of Bureau of	173
Health supervision, child hygiene	151

I

Ice cream factories inspected	123-124
Immunization	23, 24
Industries, mortality statistics of	260
Infantile paralysis	9
Infant mortality	149, 198, 199, 200
Influenza	36, 48
Inoculation of animals	135-136
Inspections made, Bureau of Engineering	54
Interlaken sewage case	57
Interstate carriers, water certificates	55, 72, 73, 74
Investigations and surveys	26
Investigations, Venereal Disease Bureau	168-169
Iron in well water	63
Iron removal plants, table	66

L

Laboratories, shellfish	128
Lakewood Township, cross water connections	69
Leprosy	22
Lethargic Encephalitis	37, 51
Licenses to operate sewage and water plants	69-70
Little Ferry, suit instituted	59, 71
Local Health Administration, Report of Chief of Bureau of	15
Lunch rooms, inspection of	25

INDEX

427

M	PAGE
Mailing cases	142
Malaria	9, 16, 18, 48, 51, 141
Man-working days, Bureau of Engineering	55
Marriage, physical examination	163
Marriage rates	182
Marriages by districts	183
Maternal mortality	7, 150, 196, 198, 199
Maternity homes licensed	155
Measles	16, 37, 38, 49, 205, 206
Medical consultation service in venereal diseases	166
Meetings, venereal disease	170, 171
Meningitis	141
Mental hygiene	152
Midwifery	155
Midwives, annual conference	157
Midwives, cases delivered by	155-156
Milk and milk products, samples examined	123, 126
Milk, diseases caused by	18, 19, 22
Milk plants, inspection of	121-123
Milk plants, out-of-State inspection	10
Milk, samples examined	126
Morbidity statistics, tables showing	33
Morris County, survey	26
Mortality statistics	178
Mosquito Control, W. P. A. Project	28
Mosquitoes	18
Mothers' deaths	7
Mumps	38, 51

N

Negroes, death rates of	221
Neo-natal mortality	198, 199
New diseases	7
News articles	175, 176
New water supplies approved	103
Non-alcoholic beverage plants inspected	125
Notices and Resolutions	56
Nuisances, investigation	26
Nurses, child hygiene	151, 152, 153, 154

O

Occupations, mortality statistics of	260
Ocean Township, sewage case	57
Ophthalmia Neonatorum	47, 51, 141
Outbreaks of diseases, investigation of	17

P	PAGE
Pamphlets distributed, Bureau of Venereal Disease Control	171
Para-typhoid	39, 47, 141
Parent-child relationship courses	152
Passaic Township, survey	26
Pasteurization of milk	174
Penalties collected, food and drug	126
Physical connections, water supplies	67-68
Pneumonia	39, 40, 48, 134, 141
Poliomyelitis, Anterior	16, 18, 20, 40, 49, 141
Population	181, 182, 290
Private water supplies	63
Privies in rural and suburban areas	9
Privies, W. P. A. Project	28
Public health activities	7, 8
Public health courses	27
Public Health Education, Report of Chief of Bureau of	173
Public Health Hour	24
Public Health News, publication of	173
Public potable water supplies, chemical analysis	104-120
Public potable water supplies, descriptive data	104-120
Public water supplies, table showing	76-102
Puerperal deaths	196, 198, 199

R

Rabies	51, 133, 134, 141, 142
Rabies in animals	16, 17
Railroad certificates issued	55
Raritan Bay shellfish	128
Reduction of disease	7
Regulations adopted, custard and cream-filled bakery products	124, 125
Relief patients, venereal disease	164
Report of Bureau of Bacteriology	131
Report of Bureau of Chemistry	145
Report of Bureau of Child Hygiene	149
Report of Bureau of Engineering	53
Report of Bureau of Food and Drugs	121
Report of Bureau of Local Health Administration	15
Report of Bureau of Public Health Education	173
Report of Bureau of Venereal Disease Control	159
Report of Bureau of Vital Statistics	177
Report of Director of Health	7
Repositories for bacteriological outfits	136, 142
Resolutions and Notices	56
Restaurant utensils, special examination of	141
Road stands, inspection	25
Rocky Mountain Spotted Fever	22, 135, 141
Rules and regulations, sprinkling filters	59
Rumson Land and Development Company, suit instituted	59

INDEX

429

S	PAGE
Samples of milk, cream, foods, drugs examined	126
Sampling streams	55
Sandy Hook Bay, shellfish	128
Sanitary shellfish control	128
Scarlet fever	17, 41, 49, 205, 207
School children, inspections	154
School water supplies	75
School water supplies, samples examined	146
Security Act funds	30
Septic sore throat	9, 19
Serum Poliomyelitis	20
Sewage disposal, supervision of	9
Sewage plants, licenses to operate	69-70
Sewage projects examined	54
Sewage samples analyzed	148
Shellfish control	128
Slaughter houses inspected	125
Smallpox	16, 50, 51, 205
Smallpox vaccine distributed	23
Social Security Act	154, 160
Social Security Act Budgets	11
Social Security Act funds	30
Soft drink establishments inspected	125
Sources of infection, venereal disease	162, 163
Special hour plan	24
Sprinkling filters, rules and regulations	10, 59
Statistical tables	178
Stillbirths	181, 198, 199
Stream sampling	55
Suicide	215, 216
Surveys, special	26
Swimming pools, bill introduced	11
Syphilis	10, 132, 140, 159, 160, 161

T

Table, cross connections water supplies	68
Table showing animals examined for rabies	134
Table showing applicants examined, sewage and water plant operators ..	70
Table showing bacteriological specimens examined	131, 137-142
Table showing cases delivered by midwives	156
Table showing certificates issued, interstate carriers	72, 73, 74
Table showing child hygiene nursing service	153, 154
Table showing fees collected	126
Table showing food and drug samples examined	126, 146, 147
Table showing food establishments inspected	127
Table showing foods in cold storage	130
Table showing inspections made, Bureau of Engineering	54

	PAGE
Table showing iron content of water	66
Table showing maternal mortality rate	150
Table showing public water supplies	76-102
Table showing public potable water supplies, chemical analysis	104-120
Table showing rabies in animals	16
Table showing sewage and water samples analyzed	148
Table showing toxoid and vaccine distributed	24
Table showing water and sewage projects examined	54
Table showing work performed	28
Table showing work performed in Barber Division	32
Tables, mortality	178
Tables showing cases of venereal disease reported	160-161
Tables showing inspections of milk plants and dairies	122-123
Tables showing meetings held and groups addressed, Bureau Venereal Disease Control	170
Tables showing morbidity and mortality statistics	33-51
Tags, shellfish	129
Tetanus	41, 42, 51
Toxoid as a preventive	15, 23, 24
Trachoma	42, 47
Trichinosis	22, 43, 51
Tuberculosis	16, 43, 44, 50, 132, 137, 141, 211, 212
Tularemia	22, 51, 135, 141
Typhoid carriers	23
Typhoid fever	15, 17, 44, 50, 133, 138, 141, 202, 203, 204
Typhus fever	51, 135, 141

U

Undulant fever	18, 45, 51, 135, 141
Unlicensed midwives	156

V

Vaccines	21, 23, 24
Venereal disease clinics	164
Venereal Disease Control, Report of Consultant of Bureau of	159
Venereal disease diagnostic facilities	165
Venereal disease reports, comparison of	10
Venereal disease, tables showing cases reported	160-161
Venereal disease treatment facilities	164
Vessel certificates issued	55
Vincent's angina	141
Vital statistics tables	178

INDEX

431

W	PAGE
Wassermann test	132
Water analysis, private supplies, fee	63
Water certificates issued	55
Water, containing iron	63-64
Water plants, licenses to operate	69-70
Water projects examined	54
Water purification, supervision of	9
Water samples analyzed	148
Water samples analyzed, school	146
Watersheds, factories on	75
Water supplies approved, new	103
Water supplies, chemical analysis of public	104-120
Water supplies, interstate carriers	72, 73, 74
Water supplies, physical connections	67-68
Water supplies, private	63
Water supplies, public, table	76-102
Water supplies, school	75
Well waters, iron in	63
Whooping cough	16, 45, 46, 50, 208, 209
Works Progress Administration Project	28
W. P. A. Projects	9

