

SIXTY-FIRST ANNUAL REPORT

OF THE

Department of Health

OF THE

STATE OF NEW JERSEY

1938



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Department of Health of the State of New Jersey

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J. LYNN MAHAFFEY, M.D., *Director*

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

STATE OF NEW JERSEY,

DEPARTMENT OF HEALTH,

TRENTON, November 1, 1938.

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, 1938.

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

STATE OF NEW JERSEY,

DEPARTMENT OF HEALTH,

TRENTON, November 1, 1938.

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, 1938. The reports of the Bureau Chiefs will give comprehensive accounts of the activities of the eight Bureaus of the Department during the year.

Respectfully submitted,

J. LYNN MAHAFFEY, M.D.,
Director of Health.

Report of the Director

By J. LYNN MAHAFFEY, M.D.

Expansion of the Department's work cited in the last annual report as the most significant current trend, continued to some extent during the fiscal year which ended June 30, 1938.

This increase in activities and services is due to several factors, among them the following: First, to supplementary funds provided by the Social Security Act which made possible additional work, the need for which already existed. Second, to greater need for laboratory and other services occasioned by the national campaign against syphilis and by periodic examinations of milk and food handlers. Third, to increased public demand for public health services which apparently results from a better understanding of the purpose and usefulness of a health department.

Enlargement of the Department's personnel occurred principally in the Bureau of Maternal and Child Health, Engineering and Bacteriology. Sixteen additional public health nurses and increase in the number of field physicians to a total of 22, extended services for mothers and children. Coincident with this advance, the infant mortality rate for New Jersey again dropped to a new low record of 39 per 1,000 births. This was the lowest rate for any State.

The maternal mortality rate also decreased to a new low point of 3.2. Of interest in this connection is the fact that the Department's program supplied 100 obstetrical consultations and nursing service for 1,074 deliveries where such needed services could not otherwise have been obtained.

As greater efforts are made to maintain or restore the purity of our rivers and coastal waters, the need for more sanitary engineers on the Department's staff follows inevitably. Four were added during the year under Security Act budgets.

Proof of the necessity for enlarging the laboratory staff lies in an increase of 34 percent in work required of the Bureau of Chemistry and in an increase of 34,000 specimens, or 30 percent, received by the Bureau of Bacteriology. The number of Wassermann tests for evidence of

syphilis reached nearly 98,000, an increase of 30,000 during the year and double the number of all tests made by this Bureau five years ago. This number will again be increased greatly this coming year when the Pre-marital and Prenatal examination laws take effect.

Comprehensive discussions and tabulations in the reports of each of the eight bureaus of the Department set forth in detail the activities of the year and work accomplished. I wish to call attention here to some of them which I feel have special interest or significance.

Of far reaching importance to citizens of this and nearby States and particularly to communities in the Delaware Valley is the agreement proposed by the Interstate Commission on the Delaware River Basin (Incodel) and approved by the State health authorities of New York, Pennsylvania, Delaware and New Jersey. This agreement for the correction and control of pollution of the river has for its purpose the regulation of the discharge of sewage and trade wastes into the river and its tributaries between the New York-Pennsylvania boundary line and the Atlantic Ocean.

The Delaware River down to tidewater and for some distance below is still relatively free from pollution and this step inaugurates a joint movement to preserve and improve the sanitary condition of the stream. Of equal importance, perhaps, is the fact that this marks an energetic attempt on the part of the States themselves to protect and improve an interstate river.

Six decisions of the Court of Chancery upheld the Department's stand to restrict the discharge of sewage into waters of the State or to safeguard public potable water supplies.

Adoption of the new Federal Food and Drug law is welcomed by public health officials and necessitates a similar revision of the State Food and Drug Act. This, I feel confident, will be done so that the Department can deal with certain matters not covered by the old law.

The policy of supplying from State funds certain biologicals and drugs to physicians and health departments is of some years' standing in New Jersey. Diphtheria toxoid, smallpox vaccine and drugs for treating syphilis have been furnished in this way. The 1938 Legislature, at the request of the State Department of Health and State Medical Society, appropriated funds to purchase and distribute pneumonia serum on somewhat the same basis. Near the end of the fiscal year, stocks of types 1

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and 2 serum had been placed in convenient distributing stations about the State and smaller stocks of a few other types were being placed in some stations. Arrangements for approving 100 or more typing stations were well under way so that by fall it was expected that a State-wide pneumonia treatment service would be well organized. The serum is available to any physician for use on a patient whose sputum has been typed and who in the physician's judgment, is unable to pay for the needed therapeutic serum.

Communicable diseases for which prophylactic measures are dependable continue low in incidence and absent in epidemic form. Diphtheria and typhoid usually occur only as sporadic cases and no case of smallpox has been reported in the last six years.

Measles, on the other hand, still comes in periodic waves, killing more than diphtheria, poliomyelitis, meningitis, whooping cough or typhoid. Rabies also continues among dogs, spreading anxiety and the need of costly and uncomfortable Pasteur treatments wherever it appears. Eighty-two persons were reported bitten or attacked by rabid animals and 12,328 cases of dog bite are reported during a year. A joint committee of public health, medical and veterinary practitioners is trying to arrive at a practical method of handling the rabies problem.

As some of our old disease enemies are overcome, new ones appear and increase. Rocky Mountain Spotted Fever is now four years old in New Jersey and has appeared in five counties. Dog ticks which spread the disease here were very common in 1938, and caused eight cases.

Reports of undulant fever cases increase gradually. Of the 64 cases reported this year, 55 were among users of raw milk. The significance of this becomes more apparent when we realize that over 90 percent of the milk sold in New Jersey is pasteurized.

The national campaign against syphilis with its publicity and funds to support State and local venereal disease control, has strengthened the program carried on in New Jersey for 15 years. Public interest aroused a year ago continues unabated. Among tangible results are the premarital and prenatal examination laws, passed by the 1938 Legislature. The staff of the Division of Venereal Disease Control of the Department, under a new medical chief, added two case workers, making a total of five, to its former staff. Educational posters prepared by this Division were of such excellence they were acclaimed and adopted by other organizations.

Better reporting of cases, less delinquency of treatment, more intelligent interest in combating venereal diseases and probably more care to avoid infection can be traced to the year's efforts.

Pollution of certain coastal bays and rivers made it necessary to condemn during the year, four such areas for harvesting shellfish. Guarding the sanitary quality of oysters and clams put on the market has long been a major activity of the Department. At the three branch laboratories along shore and one floating laboratory, samples of water and shell liquors are tested regularly as checks against contamination. Inspections of shellfish areas are also made.

Such sampling and inspections are parts of a State-wide service dealing with all sorts of food products and food industries. In connection with this service over 14,000 samples were collected and nearly 18,000 inspections made during the year.

This inspection service brought to light a highly unsatisfactory condition in the wholesale egg market where incubator eggs, heated for 18 days, are being sold at low prices for human consumption. The powers of the Department to cope with this situation should be strengthened by suitable legislation.

Considerable pride and satisfaction spring from the completion of a series of original colored plates made by the hydrobiologist of the Department from a study of the marine growths in streams and reservoirs of the State. These are bound in three volumes and form a valuable and beautiful addition to our library. This study and the data collected should be of great assistance in controlling objectionable odors and tastes in drinking water.

It was expected that the need of copies of birth certificates to qualify for old age pensions would markedly increase the work of the State Registrar of Vital Statistics and his assistants. This has already become noticeable with an increase of 10 percent in searches during last year. Total searches for the year numbered some 23,000.

Public relations of the Department have been good. By means of newspaper releases, talks to audiences of many kinds, a few radio talks and regular issues of the official bulletin, Public Health News, citizens are kept informed of the program of the Department and its relation to them. Timely advice and warnings have been sent out. The press has been helpful in its use of news articles and by editorial comment.

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Expenditures for the year amounted to \$813,234.39 but of this amount, only \$760,000 in round numbers was used to carry on the Department's activities, the balance being distributed to certain local health departments to aid their work. The program of the Department cost, therefore, 17.7 cents per capita. Expenditures from State funds amounted to \$517,524.02 and from Federal funds, supplied under the Social Security Act, \$295,710.37. Revenue from licenses, fees, etc., amounted to \$75,555.30 which sum was transmitted to the State Treasurer.

If this report suggests that the organization and program of the State Department of Health were reasonably satisfactory and adequate, I believe that it reflects the truth.

In one direction, however, the need is not being met as it may have to be. I refer to services which should be rendered by local boards of health but which are not being performed by many such boards in rural and suburban communities. The Department has tried to assist such boards through its seven district offices, through its nurses and more recently by encouraging the enactment of legislation providing a simple and practical way for such boards to cooperate in providing themselves with qualified personnel to serve a large area under local control. The latter plan is taking root in some places and may accomplish the desired end. If it does not, some other means of local health administration will have to be devised or the State Department of Health may have to enlarge its program still further to meet needs which those in the public health profession and also an increasing proportion of the public feel should be met without delay.

Report of Bureau of Administration

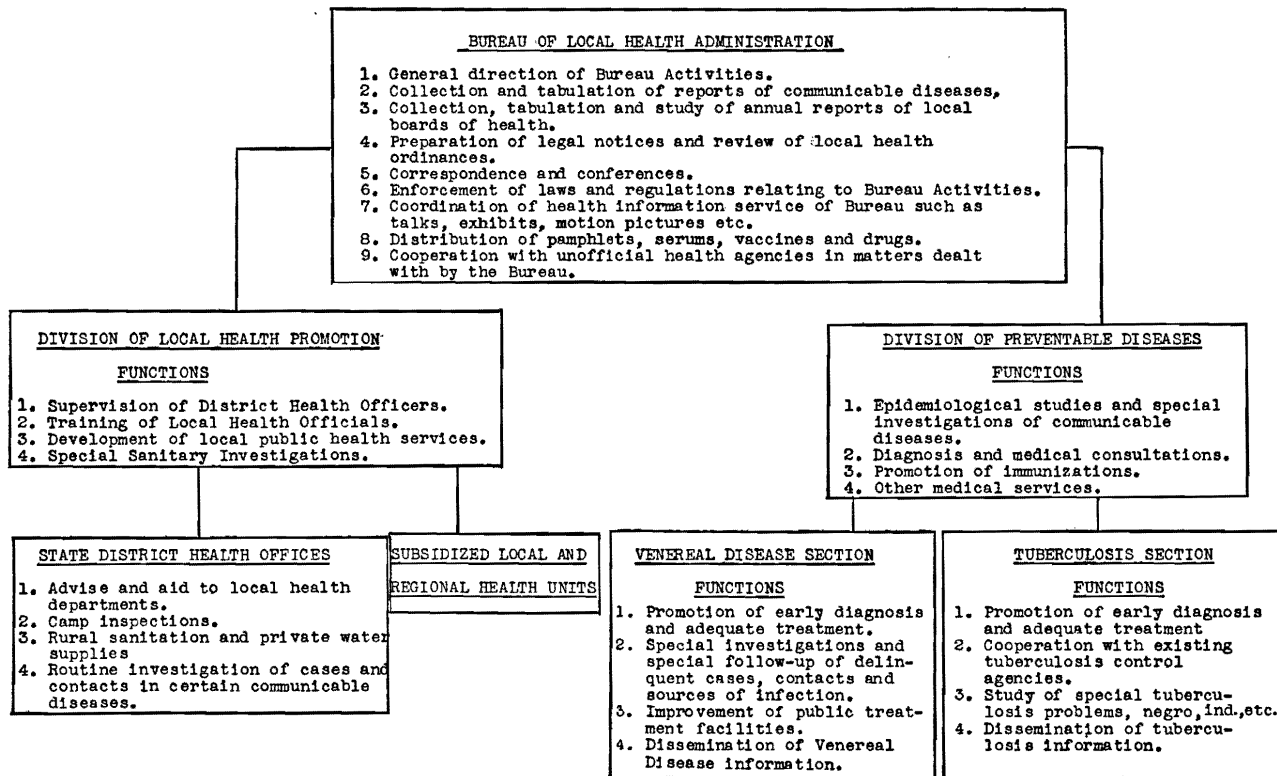
For the Year Ending June 30, 1938

EDMUND R. OUTCALT, ACTING CHIEF

The State Department of Health at its meeting held on July 13, 1937, re-elected Irvin E. Deibert, M.D., as President, and E. W. Smillie, D.V.M., as Vice-President, for the fiscal year ending June 30, 1938.

The following appointments to membership on the Board were made by Governor Hoffman and later confirmed by the Senate, the term of each expiring on July 1, 1941: Irvin E. Deibert, M.D.; Clyde Potts, C.E. Toward the end of the present fiscal year, Governor Moore appointed the following members for the regular four-year term, expiring July 1, 1942, and the Senate confirmed the appointments: Margaret L. MacNaughton, Mary Olney Rockefeller, J. E. H. Guthrie, D.D.S.; Joseph N. Fowler, E. W. Smillie, D.V.M.

By reason of the expansion of the public health program in New Jersey, which was made possible by the funds provided under the national Social Security Act, a committee was appointed to study the administration of the Department's activities in order that the monies received might be used to the best advantage. The committee submitted the chart given below showing present and anticipated activities under the supervision of the Bureau of Local Health Administration. A preventable disease unit has been authorized by the Department, and the personnel is being selected for such a unit. The Bureau of Venereal Disease Control has been made a division under the direction of the Local Health Administration Bureau Chief. Dr. Karl M. Scott, of Atlantic City, was temporarily appointed as Chief of the Division of Venereal Disease Control on January 21, 1938.



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BARBER REGISTRATION DIVISION

By action of the Department, on August 1, 1937, the supervision of the Barber Registration Division was removed from the Bureau of Local Health Administration and placed under the Bureau of Administration.

The term of office under which Mattia Gasparini was serving as a member of the Board of Barber Examiners by reason of the death of Joseph DeFalco, expired, and Mr. Gasparini was reappointed as a member of said Board for the regular term of three years, effective July 16, 1937.

The field force during the year consisted of three examiners and one inspector.

During August, 1937, a determined effort was made to register all of the practicing barbers at the larger seashore resorts, including those barbers who work during the summer season only. All of the field force were assigned to Atlantic City and other resort municipalities during this month, and, with the cooperation of the local courts, it was possible to have every known barber in these localities registered before the end of the summer season. The drive was continued throughout the State, and by spring all of the known barbers in the State had been registered by the Division.

On June 30th there were 108 unregistered barbers and 39 unregistered apprentices who had come into New Jersey before the end of the fiscal year. These individuals will be registered or prosecuted under the Barber Registration Act.

A vigorous attempt was made to enforce the regulations governing the sanitation of barber shops and much was accomplished toward this end. In most cases a warning letter brought compliance, but in some it was necessary to bring the offender into court; 737 notices were served for violation of the Act and opportunity given for a hearing in each case; 240 cases were settled out of court; court action was taken in 36 cases, and fines from \$2.50 to \$100.00 were collected. The remaining violators complied with the regulations upon service of the notice. Penalties collected in these cases were not returned to the State but were retained by the municipality.

There were 9,321 permits or certificates of the various classes, provided for in the Act, issued and became effective during the year, which brought

program in operation during the three months remaining in the present fiscal year and less than \$5,000 was expended during that time but the balance of \$20,000 was reappropriated for use during the ensuing year. This sum, however, will be insufficient and it will be necessary to request a supplemental appropriation of some \$30,000 in order to adequately supply anti-pneumococcic sera for the treatment of indigent cases of pneumonia. During the present year the U. S. Public Health Service approved an expenditure from Federal funds of \$25,000 for a new shellfish inspection boat. The purchase and delivery of the boat will not be completed until sometime during the next fiscal year. The Department will be enabled through the laboratory facilities to be installed on the boat to more efficiently operate for the protection of the waters in which shellfish are grown and harvested for human consumption.

BOARD OF EXAMINERS AND EXAMINATIONS

Four regular examinations on the last Friday of July, October, January and April were held as usual.

At the meeting of the Department on March 8, 1938, James J. Hagan, Jersey City; Patrick J. Monaghan, Newark; Edwin H. Coward, M.D., Pleasantville, together with Frank Yates, I. H. Shaw, D.V.M., and Cecil K. Blanchard of the staff of the Department, were reappointed as members of the Board of Examiners of Health Officers and Inspectors for the coming year. The Board reorganized by the election of Patrick J. Monaghan as President and Frank Yates as Secretary for one year.

During the year there were filed with the Department 241 applications for examination as health officer or as inspector of the various classes.

Licenses were issued to those receiving a general average of 70 percent or more, as follows: Health Officer, 26; Sanitary Inspector of the first class, 27; Sanitary Inspector of the third class, 2; Food and Drug Inspector, 7; Lay Meat Inspector, 1; Plumbing Inspector, 16.

Examinations for sewage and water plant operators were conducted as usual by the Bureau of Engineering of the Department during the year.

ANNUAL CONFERENCES

The 28th Annual Conference of State and Local Health Officials of New Jersey was held in the State House, Trenton, on February 18, 1938.

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The morning session began at 10 A. M., and the entire meeting was devoted to the discussion of questions which local health officials had forwarded to the Department in advance of the meeting.

The afternoon session was opened at 2 P. M. with an address of welcome by the presiding officer, J. Lynn Mahaffey, M.D., Director of Health. The following papers were read: "Bakery Sanitation," Walter W. Scofield, Chief, Bureau of Food and Drugs, N. J. State Department of Health; "Child and Maternal Health," Julius Levy, M.D., Consultant, Bureau of Maternal and Child Health, N. J. State Department of Health; "A Decision Facing Small Municipalities and Most Townships," William H. MacDonald, Chief, Bureau of Local Health Administration, N. J. State Department of Health; "Pasteurization Ordinances," Andrew J. Krog, Health Officer, Board of Health, Plainfield; "Follow-up of Tuberculosis Cases," Edwin Goemann, Secretary, Board of Health, Cliffside Park; "Training of Public Health Personnel, Richard D. Fellers, Health Officer, Board of Health, Nutley, and Edward Cumiskey, Acting Health Officer, Board of Health, North Bergen Township; "What are 'Reasonable Efforts' to Promote Diphtheria Immunization Before Asking for Free Toxoid," I. W. Knight, M.D., District Health Officer, N. J. State Department of Health. After an interesting discussion of the afternoon's program, motion pictures were shown on "Venereal Disease Prevention and Control."

The first item on the evening program was a motion picture entitled "A New Day," which dramatizes pneumonia prevention and cure. The picture was well received and was particularly timely in view of the anticipated program of the Department in connection with the free distribution of anti-pneumococcic sera. Following this presentation, R. E. Dyer, M.D., Chief, Division of Infectious Diseases, U. S. Public Health Service, gave a very informative talk on "Rocky Mountain Spotted Fever" and W. G. Herrman, M.D., President, Medical Society of New Jersey, spoke on "The Need of Coordinated Efforts in Combating Cancer." An open discussion of the program closed the evening session.

The annual meeting of the Health Officers' Association of New Jersey took place in the State House, Trenton, on Saturday morning, February 19, 1938. The retiring President, Amos Field, Jr., of Kearny, addressed the meeting after which the regular business was conducted. The following officers were elected for the coming year: President, Andrew J.

Krog, Plainfield; Vice-President, Percy de Stanley, M.D., Union; Secretary-Treasurer, William C. Blake, Princeton; members of the Executive Committee, William H. MacDonald, Trenton; Marie A. Harrison, Maplewood; Harold Hager, Ocean City; Charles S. Thompson, M.D., Perth Amboy; David R. O'Keefe, Morristown; W. Stanley Applegate, Neptune; Lester F. Maloney, M.D., Clifton.

The 63d annual meeting of the New Jersey Health and Sanitary Association was held at Nassau Tavern, Princeton, December 10 and 11, 1937. The first session on Friday afternoon, December 10, was divided into three sections. A continuous program of motion pictures was presented from 1 to 6 P. M. Another section entitled "Pneumonia-Tuberculosis Session" was presided over by William H. MacDonald, Vice-President of the Association. The program follows: "Methods of Reducing Pneumonia Mortality (Illustrated)," Russell L. Cecil, Professor of Clinical Medicine, Cornell Medical School; discussion opened by: John Gray, M.D., and Theodore Teimer, M.D., Newark; "Demonstration and Application of methods of Early Diagnosis of Tuberculosis," Joseph R. Morrow, M.D., Superintendent, Bergen County Communicable Disease Hospital; "Latent Tuberculosis and Its Significance in the Control Program," Herbert R. Edwards, M.D., Director, Bureau of Tuberculosis, New York City Health Department.

The third section called the "Mental Hygiene-Sterilization Session," over which Jacob G. Lipman, President of the Association presided, offered the following subjects: "Demonstration of the Procedure of a Typical Mental Hygiene Clinic," J. B. Gordon, M.D., Medical Director, and others of the staff of the State Hospital at Marlboro; "Both Sides of the Eugenic Sterilization Question," introduction: Professor E. G. Conklin, American Philosophical Society; in favor: George Reid Andrews, National Council for Human Conservation; opposed: Honorable John A. Matthews, Advisory Master, Court of Chancery of N. J.

The Executive Council met for dinner at 5:30 P. M. and a business session was conducted, after which the evening program was presented, beginning at 8:15 P. M. as follows: "The coordination of Our Health Activities," J. G. Lipman, Ph.D., President of the Association; "Heart Disease," (illustrated) William D. Stroud, M.D., Professor of Cardiology, University of Pennsylvania Graduate School of Medicine; "Health Education in Its Broader Aspects," Livingston Farrand, M.D., ex-President, Cornell University.

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The quarterly meeting of the New Jersey Health Officers' Association was held at 9 A. M., Saturday, December 11, at the Nassau Inn with Amos Field presiding.

The Association again met at 10 A. M. following the Health Officers' meeting and the following program was presented: "Urgent Health Needs in New Jersey," (a symposium of 10-minute papers) "Industrial Hygiene," E. E. Evans, M.D.; "Mental Hygiene," Jos. E. Raycroft, M.D.; "Venereal Disease," F. J. Osborne; "Dental Health Education," J. M. Wisan, D.D.S.; "Health Studies," Carl E. Buck, Dr. P.H.; "Larger Local Health Units," Wm. H. MacDonald. After the symposium, the regular business of the Association was conducted at which time William H. MacDonald, of Trenton, was elected President for the coming year.

CEMETERIES

The Department gave consideration to the application of the Rock Spring Memorial Park Association for reversal of the decision of the Township Committee and Board of Health of Parsippany-Troy Hills Township in refusing to grant consent for the establishment of a new cemetery by said association on South Beverwyck Road in said township.

A special committee of the Department was appointed and a hearing on the appeal was conducted by the committee at Morristown, on May 25, 1937. In view of the fact that the testimony taken at the hearing and the petitions of protest filed showed that a great number of residents and taxpayers of the township objected to the location of the cemetery at the site selected, the committee recommended that the application of the Rock Spring Memorial Park Association for reversal of the decision of the local officials of Parsippany-Troy Hills Township in refusing to grant consent for the establishment of the cemetery, be denied and that no permit be granted by the Department in accordance with said application. The Department voted the recommendation of the committee on July 13, 1937.

ANIMAL EXPERIMENTATION

During the fiscal year 1937-1938, the following permits for experimentation on animals were granted, in accordance with the provisions of Chapter 160 of the Laws of 1915, for the purpose of promoting pharmacological research and testing pharmaceuticals:

Carroll Dunham Smith Pharmacal Company, Orange; permit dated December 14, 1937.
Maltbie Chemical Company, Newark; permit dated January 11, 1938.

LEGISLATION

The following bills of interest to health officials were introduced at sessions of the Legislature during the year:

Senate Bill No. 36—Provides for the distribution of free pneumonia serum. This bill became a law, Chapter 24.

Senate Bill No. 56—Prohibits the sale, possession and transportation of "Marihuana" cigarettes. This bill became a law, Chapter 156.

Senate Bill No. 57—Authorizes religious societies to establish cemeteries. This bill became a law, Chapter 201.

Senate Bill No. 93—Permits persons "having personal knowledge" to certify corrections to birth and marriage certificates. This bill became a law, Chapter 174.

Senate Bill No. 140—Provides for the establishment of a Bureau of Narcotic Control. This bill failed to pass.

Senate Bill No. 142—Prohibits the sale or transportation of eggs which have been removed from incubators unless such eggs were broken out and denatured on the premises where the incubators are located. This bill failed to pass.

Senate Bill No. 145—Empowers the State Department of Health to take action to prevent a "threatened pollution" of State waters. This bill became a law, Chapter 224.

Senate Bill No. 168—Compels every physician, pharmacist, and hospital to report where they have knowledge that any person is infected with any venereal disease; makes it a misdemeanor for a person so infected not to apply for treatment immediately to a physician, hospital or clinic. This bill failed to pass.

Senate Bill No. 183—Regulates production, processing, collection, storage, transportation, importation and sale of goats milk. This bill became a law, Chapter 195.

Senate Bill No. 210—Repeals section 58:11-19, 20, 21 and 22 of the Revised Statutes affecting sewerage systems. This bill became a law, Chapter 398.

Senate Bill No. 221—Fixes the license fee for the taking of oysters at \$1.00. This bill failed to pass.

Senate Bill No. 238—Provides for the licensing of wholesalers of shellfish. This bill failed to pass.

Senate Bill No. 248—Authorizes the acquisition and maintenance of water works systems by municipalities. This bill failed to pass.

Senate Bill No. 259—Prohibits local boards of health from regulating property under the jurisdiction of the Public Utility Commission. This bill failed to pass.

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Senate Bill No. 270—Authorizes and regulates the issuance of bonds and other obligations and the incurring of indebtedness by counties and municipalities. This bill failed to pass.

Senate Bill No. 362—Provides for the marking and labeling of milk and cream so as to show the day on which it was produced. This bill failed to pass.

Senate Bill No. 363—Companion bill to Senate Bill 362. This bill failed to pass.

Senate Bill No. 390—Makes technical amendment in the act providing for the distribution of free anti-pneumococcic serum. This bill failed to pass.

Senate Bill No. 410—Appropriates \$10,000 to the Department of Health for a Dental Health Educational Program. This bill failed to pass.

Assembly Bill No. 30—Provides that no marriage licenses shall be issued without the filing of a health certificate that the parties are free from social and contagious diseases. This bill became a law, Chapter 126.

Assembly Bill No. 84—Provides for the licensing of places where food is prepared to be consumed on the premises. Exempts hotels and railroads. This bill failed to pass.

Assembly Bill No. 104—Regulates the occupation of barbering; creates a Board of Examiners. This bill became a law, Chapter 197.

Assembly Bill No. 132—Appropriates \$55,000 for the establishment of a Bureau of Narcotic Control. This bill failed to pass.

Assembly Bill No. 135—Creates a Board of Chiropractic Examiners to license and regulate the practice of chiropractic. This bill failed to pass.

Assembly Bill No. 139—Provides that in townships having a population of more than 20,000 that the township clerk instead of the township assessor shall be a member of the township Board of Health. This bill became a law, Chapter 105.

Assembly Bill No. 158—Prohibits the operation of cemeteries, mausoleums, crematories, etc., for private gain. This bill failed to pass.

Assembly Bill No. 178—Permits Boards of Health to cooperate in public health services. This bill became a law, Chapter 67.

Assembly Bill No. 186—Regulates the appointment of commissioners in water pollution cases. This bill became a law, Chapter 250.

Assembly Bill No. 187—Repeals Section 50:2-3 of the Revised Statutes regulating the planting and gathering of oysters. This bill failed to pass.

Assembly Bill No. 208—Creates the Bergen County Sanitary Sewer District. This bill failed to pass.

Assembly Bill No. 223—Provides that one member of the State Board of Health shall be an osteopathic physician. This bill failed to pass.

Assembly Bill No. 224—Provides that an osteopathic physician may be employed as a medical examiner. This bill failed to pass.

Assembly Bill No. 235—Provides for eye and ear tests to pupils in public schools. This bill failed to pass.

Assembly Bill No. 241—Makes a public official refusing the inspection of public records guilty of a misdemeanor. This bill failed to pass.

Assembly Bill No. 255—Prohibits the sale or transportation of eggs which have been removed from incubators unless such eggs were broken out or denatured on the premises. This bill failed to pass.

Assembly Bill No. 260—Permits the governing body of a municipality wherein a water district is created to raise funds for the liquidation of bonds and other obligations to construct a water plant and system through the levying of taxes for that purpose in the district only. This bill became a law, Chapter 253.

Assembly Bill No. 266—Provides for tests for syphilis in pregnant women. This bill became a law, Chapter 41.

Assembly Bill No. 273—Regulates the use and development, diversion, etc., of surface waters of the State; creates a water authority and defines its powers, transfers the powers of the State Water Policy Commission, the New Jersey District Water Supply Commission, the Passaic Valley Water Commission and the Bergen County Water Commission to such authority. This bill failed to pass.

Assembly Bill No. 276—Provides for the branding of articles of bedding; regulates the manufacture and sale thereof under the Department of Health. This bill failed to pass.

Assembly Bill No. 287—Provides for the examination and licensing under the Department of Health of superintendents and operators and other persons in charge of water purification or treatment plants, sewage treatment plants or superintendents of water supply systems. This bill became a law, Chapter 206.

Assembly Bill No. 288—Companion bill to Assembly Bill 287. Provides for tenure of office for persons licensed by the Board of Health as provided in Assembly Bill 287, after five years' service. This bill failed to pass.

Assembly Bill No. 304—Permits existing cemetery associations owning lands contiguous to such existing cemeteries to use the same for similar purposes in certain rural townships. This bill became a law, Chapter 61.

Assembly Bill No. 320—Regulates the practice of naturopathy. This bill failed to pass.

Assembly Bill No. 321—Permits the teaching of drugless healing by schools which have conducted such teaching for ten years prior to 1924. This bill failed to pass.

Assembly Bill No. 322—Regulates the sale of ice cream, ices and kindred frozen products. This bill failed to pass.

Assembly Bill No. 365—Provides that common law marriages are lawful even though no marriage license was obtained. This bill failed to pass.

Assembly Bill No. 369—Authorizes the Department of Health to enact a plumbing code. This bill failed to pass.

Assembly Bill No. 382—Regulates the proof necessary to establish the validity of a ceremonial marriage. This bill failed to pass.

Assembly Bill No. 403—Provides for the regulation of swimming pools. This bill failed to pass.

Assembly Bill No. 404—Provides that superintendents of child welfare in counties having a population of between 350,000 and 600,000 shall have tenure of office after 15 years' service. This bill failed to pass.

Assembly Bill No. 436—Abolishes common law marriages. This bill failed to pass.

Assembly Bill No. 447—Regulates the hours of employment of females in manufacturing, bakeries, restaurants, beauty parlors, barber shops and cleaning establishments. This bill failed to pass.

Assembly Bill No. 462—Permits boards of freeholders to appropriate money in the annual tax levy for mosquito extermination. This bill failed to pass.

Assembly Bill No. 478—Creates the title of "health inspector," fixes salaries therefor. This bill failed to pass.

Assembly Bill No. 489—Provides that members of the Beauty Culture Board shall not be connected with beauty culture schools; provides for physical examinations of operators; and prohibits operation of another business on the premises. This bill failed to pass.

Assembly Bill No. 505—Licenses and regulates barbers and barber shops. This bill failed to pass.

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Assembly Bill No. 557—Dispenses with the necessity of a license to take clams. This bill failed to pass.

Assembly Bill No. 574—Permits health officers to make arrests for violation of health ordinances. This bill failed to pass.

Assembly Bill No. 588—Permits Boards of Freeholders in counties of more than 200,000 population to operate summer camps for undernourished children. This bill became a law, Chapter 33.

Assembly Bill No. 591—Provides for Wassermann tests for all persons admitted to State institutions and private hospitals. This bill failed to pass.

Assembly Bill No. 604—Permits the extension of cemeteries without present limitation as to size where such burial grounds are free for the burial of veterans. This bill failed to pass.

Assembly Bill No. 613—Adds to the territorial area of the Passaic Valley Sewerage District the balance of the Borough of Rutherford. This bill failed to pass.

Statement of Revenue of the Department of Health of the State of New Jersey For the Year Ending June 30, 1938

<i>Source</i>	<i>Amount</i>
Analyses of Water Samples	\$877.50
Audiometer Rental	250.00
Bacteriological Laboratory Preparations	1,016.43
Barber Licenses	31,981.56
Cold Storage Licenses	290.00
Ice Cream Licenses	5,940.00
Interest on Deposits	17.87
Milk Plant Licenses	15,850.00
Narcotic Licenses	265.00
Penalties, Foods and Drugs	7,455.94
Vital Certificates	11,611.00
Total Revenue Transmitted to the State Treasury	\$75,555.30

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STATEMENT OF EXPENDITURES OF THE DEPARTMENT OF HEALTH OF THE STATE OF NEW JERSEY

FOR THE YEAR ENDING JUNE 30, 1938

CENTRAL ADMINISTRATION BUREAUS

	<i>Adminis- tration</i>	<i>Local Health</i>	<i>Vital Statistics</i>	<i>Food and Drugs</i>	<i>Engineer- ing</i>	<i>Chemistry</i>	<i>Bacteri- ology</i>	<i>Totals</i>
Salaries	\$27,180.55	\$41,115.65	\$33,112.50	\$33,351.21	\$49,524.33	\$23,180.00	\$36,627.50	\$244,091.74
Stationery	1,520.71	103.33	101.58	115.30	416.14	32.27	107.85	2,397.18
Engineering Supplies					1,186.04			1,186.04
Auto Maintenance		1,650.41			1,040.83			2,691.24
Laboratory Supplies				321.08		2,744.71	13,816.24	16,882.03
Other Materials and Supplies..	58.30	13.00	32.11		107.62	32.87	36.50	280.40
Printing	2,051.47	402.00	1,853.54	315.58	720.42	162.85	448.05	5,953.91
Traveling Expense	3,320.96	870.98	71.15	9,359.71	3,477.21	124.57	209.19	17,433.77
Miscellaneous Expense	415.39	95.69	155.32	14.52	142.80	51.10	67.80	942.62
Rental Tab. Machines		588.00	708.00					1,296.00
Binding Certificates			1,000.00					1,000.00
Court Expenses	31.50			174.39	309.31			515.20
Rent of Garages		331.00			366.00			697.00
Auto Insurance		258.15			209.62			467.77
Laboratory Equipment						561.30	835.36	1,396.66
Replacing Cars					1,234.04			1,234.04
Binding Old Vols. Cert.			1,500.00					1,500.00
Invest. Raritan River					4,012.39			4,012.39
Miscellaneous Lab. Expense ...						262.88	738.96	1,001.84
Totals	\$34,578.88	\$45,428.21	\$38,534.20	\$43,651.79	\$62,746.75	\$27,152.55	\$52,887.45	\$304,979.83

**STATEMENT OF EXPENDITURES OF THE DEPARTMENT OF HEALTH OF THE STATE OF NEW JERSEY
FOR THE YEAR ENDING JUNE 30, 1938—Continued**

APPROPRIATIONS FOR SPECIFIC PURPOSES

	<i>Maternal and Child Health</i>	<i>Venereal Disease Control</i>	<i>Milk Plant Licenses</i>	<i>Barber Licenses</i>	<i>Sanitary Shellfish Control</i>	<i>Ice Cream Licenses</i>	<i>Toxoid Distri- bution</i>	<i>Anti- Pneumo. Sera</i>	<i>Totals</i>
Salaries	\$84,206.03	\$17,686.45	\$8,580.00	\$12,210.00	\$15,344.29	\$2,100.00	\$1,620.00	\$40.00	\$141,786.77
Stationery and Supplies	1,838.20	638.09	326.35	504.23	55.11	21.90	482.72	96.44	3,963.04
Auto Maintenance					364.74	446.50			811.24
Insurance—Boat and Car					331.25	46.00			377.25
Printing	1,425.37	305.99	73.09	13.75	2.52	24.50	41.45	96.40	1,983.07
Traveling Expense	19,417.42	2,233.73	2,472.25	2,519.10	2,025.79	159.29	98.28		28,925.86
Miscellaneous Expense	317.64	181.49		865.00					1,364.13
Drugs and Biologicals		5,696.77					12,037.11	4,400.93	22,134.81
Office Equipment			38.25	17.00	72.19		23.07		150.51
Boat Maintenance					1,607.05				1,607.05
Laboratory Maintenance					1,156.38				1,156.38
Fire Loss—Boat					1,023.04				1,023.04
Totals	\$107,204.66	\$26,742.52	\$11,489.94	\$16,129.08	\$21,982.36	\$2,798.19	\$14,302.63	\$4,633.77	\$205,283.15

TOTAL EXPENDITURES

Central Administration Bureaus	\$304,979.83
Appropriations for Specific Purposes	205,283.15
Total	\$510,262.98
State Funds Expended for Security Act Projects	7,261.04
Total	\$517,524.02

DEPARTMENT OF HEALTH

**STATEMENT OF EXPENDITURES OF THE DEPARTMENT OF HEALTH OF
THE STATE OF NEW JERSEY FROM FEDERAL SOCIAL SECURITY
ACT FUNDS FOR THE YEAR ENDING JUNE 30, 1938**

United States Public Health Service Projects	Salaries	Travel	Materials, Supplies and Miscel- laneous	Total Expenditures
Bureau of Administration	\$6,181.34	\$389.59	\$2,382.11	\$8,953.04
Bureau of Local Health	8,360.00	1,916.24	4,812.39	15,088.63
Bureau of Engineering	4,700.00	1,089.78	922.19	6,711.97
Bureau of Bacteriology	7,761.76	.....	10,154.38	17,916.14
Bureau of Chemistry	2,400.00	.....	1,165.82	3,565.82
Bureau of Vital Statistics	900.00	.....	141.00	1,041.00
Bureau of Venereal Disease	8,274.28	1,210.62	19,069.59	28,554.49
Bureau of Food and Drugs	1,421.61	.....	752.50	2,174.11
Tuberculosis Unit .....	.....	.....	.....	.....
Training of Personnel	9,614.95	29.90	.....	9,644.85
Monmouth-Ocean Health District	1,473.39	289.63	189.09	1,952.11
Atlantic, Cape May Health District	2,167.48	345.95	216.71	2,730.14
Camden, Salem, Gloucester, Cumberland	2,760.00	520.37	591.10	3,871.47
Somerset-Hunterdon, Middlesex	900.00	300.40	623.62	1,824.02
Burlington Health District	4,080.00	19.04	704.50	4,803.54
Bergen, Passaic Health District	2,760.00	288.62	243.45	3,292.07
Sussex, Warren, Morris Health District	4,899.14	322.20	1,001.51	6,222.85
U. S. Children's Bureau—				
Maternal and Child Health	50,006.74	8,240.08	24,822.51	83,069.33
Total Expenditures from Current Appropriation 1937-1938	<u>\$118,660.69</u>	<u>\$14,962.42</u>	<u>\$67,792.47</u>	<u>\$201,415.58</u>

Expenditures by Subsidized Local Health
Units

Monmouth County Unit No. 1	\$2,000.00	\$250.00	\$396.62	\$2,646.62
Monmouth County Unit No. 2	6,660.00	729.56	1,457.71	8,847.27
Monmouth County Unit No. 3 .....	.....	.....	.....	.....
Union County Unit No. 1	6,560.00	750.00	2,065.62	9,375.62
Union County Unit No. 2	3,244.87	324.93	128.46	3,698.26
City of East Orange	2,772.50	.....	339.49	3,111.99
City of Camden	2,022.50	.....	154.73	2,177.23
City of Englewood .....	.....	.....	1,160.00	1,160.00
Mt. Olive Township	250.00	.....	.....	250.00
City of Newark	7,870.00	295.55	1,834.45	10,000.00
City of Paterson	3,822.00	.....	.....	3,822.00
City of Plainfield			997.14	997.14
Total Expenditures of Local Units..	<u>\$35,201.87</u>	<u>\$2,350.04</u>	<u>\$8,534.22</u>	<u>\$46,086.13</u>

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**STATEMENT OF EXPENDITURES OF THE DEPARTMENT OF HEALTH OF
THE STATE OF NEW JERSEY FROM FEDERAL SOCIAL SECURITY
ACT FUNDS FOR THE YEAR ENDING JUNE 30, 1938—Continued**

United States Public Health Service Projects	Salaries	Travel	Materials, Supplies and Miscel- laneous	Total Expenditures
Expenditures from Unexpended Balances 1936-1937				
Bureau of Chemistry (Rebudgeted) ...	\$4,745.76	.....	\$701.04	\$5,446.80
Bureau of Engineering	4,764.36	\$1,711.29	765.01	7,240.66
Bureau of Engineering (Supp. No. 1) ..	.....	.....	840.10	840.10
Bureau of Administration (Special Equip.) .....	.....	.....	6,282.36	6,282.36
Central Administration (Rural Sanit. Exhib.) .....	.....	.....	299.86	299.86
Bureau of Administration (Equipment) .....	.....	.....	1,453.88	1,453.88
Immunization Project .....	.....	14.01	3,277.59	3,291.60
Payment to Physicians	3,477.63	.....	5,456.34	8,933.97
Bureau of Venereal Disease (Supp. No. 2) .....	.....	.....	3,436.02	3,436.02
Bureau of Food and Drugs (Rebud.) ..	2,717.74	985.34	.....	3,703.08
Training of Personnel No. 2	4,771.29	538.68	.....	5,309.97
Training of Personnel No. 3 .....	.....	87.25	.....	87.25
Bureau of Local Health Supplemental No. 2	300.00	.....	.....	300.00
Miscellaneous .....	.....	.....	710.00	710.00
			1,716.79	1,716.79
Total Expenditures from Unexpended Balances 1936-1937	<u>\$20,776.78</u>	<u>\$3,336.57</u>	<u>\$24,938.99</u>	<u>\$49,052.34</u>
Total Federal Funds Expended	<u>\$174,639.34</u>	<u>\$20,649.03</u>	<u>\$101,265.68</u>	<u>\$296,554.05</u>

Report of the Bureau of Local Health Administration

For the Year Ending June 30, 1938

WILLIAM H. MACDONALD, CHIEF

Establishing a fund and policy for distributing free anti-pneumococcic sera, transferring the Barber Registration Division from the Bureau and placing some responsibility in the Bureau for the Division of Venereal Disease Control and the enactment by the Legislature of an act permitting Regional Health Commissions were some outstanding factors in Bureau activities during the year considered.

Two diseases, Rocky Mountain Spotted Fever and Streptococcic Sore Throat, were added to the State-wide list of reportable diseases by action of the Department at its meeting on October 19, 1937. During the calendar year 1937 the total number of cases of the 34 diseases declared reportable in Chapter VI of the State Sanitary Code was 95,029. This represents a considerable increase over the number of cases reported in 1936; however, the increase was chiefly in measles, the prevalence of which fluctuates markedly from year to year.

The 1937 diphtheria record of 550 reported cases, and 29 deaths, was slightly higher than last year. The counties of Salem, Passaic, Hudson and Camden had relatively high diphtheria case rates compared with the State rate. During the past 10 years there has been a reduction of 90% both in cases and deaths from diphtheria in the State. This reduced prevalence has resulted chiefly from the extensive use of toxoid as a preventive. The slight increase in diphtheria last year shows the necessity of continued efforts to encourage parents to have their young children given the advantage of the protection afforded by this product.

Immunization must be stressed in order not only to reduce further this serious disease but also to keep the disease at the present low rate. The fact that 58% of the fatal cases of diphtheria in 1937 were in children less than five years old shows the grave importance of having young children protected by immunizing treatments.

For another year, the sixth in succession, the State was free from smallpox. Vaccination as a preventive measure in this disease must also be encouraged to hold our enviable record. Local Boards of Health report that in the year 1937, the local Boards of Education in 250 municipalities required that pupils be vaccinated if attending public schools within their respective jurisdictions. Still more general application of the authority granted by law to local Boards of Education to require the vaccination of public school children would correspondingly increase the State's protection against smallpox.

Poliomyelitis in 1937 was more prevalent than in 1936 but still considerably below the rate for 1935.

Scarlet fever prevalence was considerably below the previous year.

Tuberculosis records showed little change in number of recorded cases and deaths.

Measles in 1937 was unusually prevalent in the northern metropolitan area of the State. Such acute diseases as scarlet fever, diphtheria, acute poliomyelitis, epidemic cerebro-spinal meningitis, whooping cough and typhoid fever are serious, and parents are justified in considering them with great apprehension. In 1937, however, the number of recorded deaths from measles in New Jersey was greater than from any of these diseases.

RABIES IN ANIMALS

Reports of 105 cases of rabies in animals were received during the year. 104 were in dogs.

NUMBER OF CASES OF RABIES IN ANIMALS REPORTED BY LOCAL BOARDS OF HEALTH, BY COUNTIES AND BY MONTHS, DURING THE YEAR 1937

County	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Atlantic	9	0	4	5	0	0	0	0	0	0	0	0	0
Bergen	0	0	0	0	0	0	0	0	0	0	0	0	0
Burlington	19	2	5	2	4	0	1	0	0	1	3	0	1
Camden	23	0	2	1	2	5	2	1	2	3	4	1	0
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	1	0	1	0	0	0	0	0	0	0	0	0
Hudson	2	0	0	0	0	0	0	2	0	0	0	0	0
Hunterdon	2	1	0	0	1	0	0	0	0	0	0	0	0
Mercer	19	1	2	0	4	6	2	2	0	1	0	0	1
Middlesex	12	0	0	0	2	2	0	0	1	1	1	2	3
Monmouth	0	0	0	0	0	0	0	0	0	0	0	0	0
Morris	3	0	0	0	0	0	0	0	1	0	0	0	2
Ocean	0	0	0	0	0	0	0	0	0	0	0	0	0
Passaic	0	0	0	0	0	0	0	0	0	0	0	0	0
Salem	0	0	0	0	0	0	0	0	0	0	0	0	0
Somerset	0	0	0	0	0	0	0	0	0	0	0	0	0
Sussex	0	0	0	0	0	0	0	0	0	0	0	0	0
Union	14	2	5	1	1	1	2	0	0	0	1	0	1
Warren	0	0	0	0	0	0	0	0	0	0	0	0	0
State	105	7	18	10	14	14	7	5	4	6	9	3	8

LOCAL HEALTH ADMINISTRATION

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Local Boards of Health reported that at least 82 persons were bitten or attacked by rabid animals. These boards also reported that 71 other animals were bitten by dogs known to be rabid.

Dogs, valuable and companionable as they are, constitute a rather serious problem in the State aside from the problem of rabies. Cases of dog bite under a statute now in force are required to be reported to local Boards of Health. In a summary of the reports of dog bite made in conformity with law, the local Health Boards listed 12,328 reported cases during 1937.

At the recommendation of a joint meeting of representatives of local Boards of Health in several counties where rabies was particularly prevalent, the Department requested various organizations in New Jersey to appoint members to a joint committee to consider rabies from the broad standpoint of prevention and control. Such a joint committee was functioning at the close of the fiscal year.

One fatal case of rabies in a human occurred during the year. The fatality was in a person 33 years of age who neglected to take Pasteur treatment after having been bitten on the hands by a dog. Death occurred approximately two months after the date of bite.

INVESTIGATION OF OUTBREAKS AND CASES OF COMMUNICABLE DISEASES

The Bureau continues to stress the importance of careful investigation of cases of communicable diseases to determine if possible the probable source of infection and the names of other exposed persons. Employees in the Bureau during the fiscal year of 1937 investigated over 460 cases of the reportable diseases and nearly 150 cases of gastro-enteritis.

One group of about 100 cases of gastro-enteritis was investigated among guests and employees at a hotel in Ocean County. The article of food in common among the patrons consisted of a mixture of fish boiled, cooled at room temperature, then placed in an icebox. Servings were made on Friday night and Saturday morning. Illness among partakers followed on Saturday and Sunday. The person who sliced this article of food for serving suffered from acute diarrhea on Thursday and had not recovered while handling the food.

Undulant Fever. During the year 1937 there were reported 67 cases of undulant fever. In the previous year, 64 cases were reported. Histories of all reported cases were obtained either by employees in the Bureau or through local health officials. These histories showed that 50 of the 67 patients regularly used only raw milk; five used both raw and pasteurized milk; eight are reported to have used only pasteurized milk; three used pasteurized milk regularly and in addition occasionally obtained milk from unknown sources; in one instance no data as to the use of milk was available.

The high proportion of cases of undulant fever reported each year among users of raw milk compared with the known cases among users of pasteurized milk has been a decided incentive for more general use of the pasteurized product. At the close of the fiscal year the local board of health in at least 28 municipalities had adopted ordinances prohibiting the local sale of uncertified raw milk. The population of these 28 municipalities is about 1,215,357, or 30 percent of the total population of the State. Several other local health departments have under consideration a similar ordinance.

Rocky Mountain Spotted Fever. The increased number of cases of this disease coming to official attention each year is disturbing. Eight cases were reported last year divided by counties as follows: Cape May, 1; Gloucester, 1; Monmouth, 4; Ocean, 1, and Salem, 1.

The tick by which this infection is transmitted to humans is very prevalent in New Jersey. Undoubtedly, nearly all the cases of Rocky Mountain Spotted Fever coming to attention last year were infected within the State. Practical measures for eradication of the tick in nature have not yet been formulated. The problem presented by the occurrence of this disease is therefore acute.

Malaria. The number of reported cases of this disease dropped from 38 in 1937 to 27 in 1938. Histories of these cases obtained by representatives of the Department and through local health officers indicated that 17 of the cases were infected outside of New Jersey.

It was particularly gratifying that only one case of malaria was reported in the section of Camden County in which a local outbreak occurred in 1935. Evidently the malaria mosquito control work carried out in this section by the local authorities and by the Works Progress Administration yielded good results.

LOCAL HEALTH ADMINISTRATION

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TYPHOID CARRIERS

At the close of the fiscal year, 72 persons were recorded in the Department records as carriers of typhoid bacilli. Five were withdrawn from the list during the year, either by death or as a result of removal from the State. Nine persons were added to the list of carriers; five were discovered as a result of investigations to establish the source of infection of known cases of typhoid fever; two were listed after repeated specimens of discharges were found to contain typhoid bacilli after clinical recovery from an acute attack. One of the persons added to the list during the year was a carrier coming to New Jersey from another State. One carrier was discovered in a routine examination of food handlers.

A few of the carriers presented the usual problems of care and maintenance experienced in similar cases in previous years. Unfortunately requests to the Legislature for the appropriation of a small sum to permit the Department to aid needy carriers in emergencies, under the provisions of Chapter 144, Public Laws of 1937, were not acted upon favorably.

ASSISTANCE IN DIAGNOSIS

In response to special requests from physicians or local health departments, aid was given in reaching a definite diagnosis in 53 cases suspected of being communicable diseases. The diagnosis established in these instances included scarlet fever, chickenpox, Rocky Mountain spotted fever, Vincent's infection, tuberculosis, poliomyelitis and syphilis.

COMMUNICABLE DISEASES ON DAIRIES

Twenty-three cases of scarlet fever, two cases of typhoid fever, two of tuberculosis and one of poliomyelitis were reported on 28 dairy premises at which 12,345 quarts of milk were produced daily. Arrangements were made at each of these premises for the continuance of the sale of milk.

FREE TOXOID AND VACCINE

Distribution of diphtheria toxoid and smallpox vaccine was continued under rules adopted by the Department pursuant to statute and as set forth in detail in the annual report of the State Department of Health

DEPARTMENT OF HEALTH

for the year ending June 30, 1937. No material change was made either in the method of distribution or the places of distribution.

Sixty-two distributing stations at strategic points about the State were cooperating voluntarily at the close of the year. All material distributed during the year was purchased from Squibbs Laboratories, New Brunswick, under contract arranged by the State Purchasing Department. Reports show that 37,291 children received diphtheria toxoid from the free State supply during the year and that 24,272 persons were vaccinated against smallpox with the State material.

NUMBER OF PERSONS REPORTED AS GIVEN FREE STATE TOXOID OR VACCINE
DURING THE YEAR ENDING JUNE 30, 1937

<i>County</i>	<i>Toxoid</i>	<i>Vaccine</i>
Atlantic	565	653
Bergen	3,439	2,390
Burlington	1,744	434
Camden	1,730	1,758
Cape May	189	136
Cumberland	797	399
Essex	7,214	5,124
Gloucester	786	543
Hudson	3,845	706
Hunterdon	379	724
Mercer	2,196	1,039
Middlesex	1,364	969
Monmouth	1,862	2,319
Morris	762	914
Ocean	365	60
Passaic	4,153	2,812
Salem	932	241
Somerset	565	368
Sussex	213	6
Union	4,101	2,320
Warren	90	357
Totals	37,291	24,272

Six percent of the children reported as receiving the toxoid were less than one year old; 42 percent were less than five years old.

Reports of persons vaccinated with the State material show two percent to have been children less than one year old, while 47 percent were children below five years of age.

LOCAL HEALTH ADMINISTRATION

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PNEUMONIA SERUM

A definite departure from the previous policy in the Department was brought about by an act of Legislature effective March 10, 1938, authorizing the Department to distribute free anti-pneumococcic serum for the treatment of patients financially unable to pay for the material. An appropriation of \$25,000 was made by the Legislature to be used by the Department in carrying out the provisions of the act.

Aid in sponsoring the law, and in formulating policies in relation to the administrative responsibility placed upon the Department by this act, was rendered through a Joint Pneumonia Committee made up of representatives of the Department, the Medical Society of New Jersey, the State Health Officers Association and the New Jersey Health and Sanitary Association.

Rules governing the distribution of the serum were adopted by the Department on April 12, 1938. Serum (horse) of Types I, II, V, VII and VIII and Serum (Rabbit) of Types I and III were selected for free distribution. Distributing Stations on much the same basis as followed in toxoid and vaccine distribution were arranged, 28 such stations having been established by June 30.

In order to reduce to a minimum the amount of serum stored in stations it was decided that most of the stations would be supplied only with Serum (Horse) Types I and II and the other types of serum would be available only at a few special stations in different parts of the State. Through the Bureau of Bacteriology, laboratories wishing the approval of the Director of Health for pneumonia typing were investigated and by the end of the fiscal year, such approval had been given eighty laboratories in the State.

Between the date the enabling act became effective and the end of the fiscal year, 4,600,000 units of serum had been released from distributing stations to physicians to treat 40 cases of pneumonia.

Rules adopted by the State Department of Health on April 12, 1938, pertaining to the distribution of anti-pneumococcic sera, under authority contained in the provisions of Chapter 24, Public Laws of 1938, are as follows:

1. Serum distributed free by the State shall be available for distribution only at stations strategically located at such points about the State as the Director of Health may find practical.

2. No serum shall be released except on written application of a physician licensed to practice medicine in New Jersey.

3. Application by a physician for anti-pneumococcic serum shall be signed by the physician and shall give the name, age, sex, color and address of the patient, the duration of the disease, the type of pneumococci present, and the name of the laboratory at which the typing of pneumococci was done.

4. Before serum will be released for use in treating a patient, the physician shall certify in writing that the patient is financially unable to pay for the serum.

5. No serum will be released for use in treating a patient until the type of pneumococci is first established by a suitable test at a laboratory approved by the Director of Health of New Jersey for making such tests and only serum for treating that type shall be released for use in the case.

6. Any statement as to financial inability of patients to pay for serum released shall be subject to review by the State Department of Health.

7. Serum released to a physician for treating a case shall be kept refrigerated and any unopened package not used on the patient for whom it was released shall be returned promptly to a station from which the material is distributed.

8. After the termination of a case of pneumonia for which free serum was released, the physician shall report to the State Department of Health such facts about the case as are called for on a form furnished by the Department for the purpose.

9. Violation of the regulations by any physician may at the discretion of the Director of Health debar such physician from obtaining serum for other cases.

UNITED STATES SOCIAL SECURITY ACT FUNDS

Continued subsidies for public health administration through the United States Public Health Service under Title VI of the Federal Social Security Act made possible the employment of certain personnel assigned to this Bureau. In addition rental charges for four District offices were paid from these funds.

In accord with the policy described in the report of last year, some subsidy was continued by the Department for specific purposes directly to

LOCAL HEALTH ADMINISTRATION

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the Departments of Health of Newark, East Orange, Paterson, Camden, Plainfield, Englewood, and for part of the year to Mount Olive Township.

Subsidies were also continued to the three local health units made up of several boards of health in adjacent communities, each of which employed the same health officer and each of which appointed representatives to a central advisory board as a policy forming body. The units subsidized were the three previously established, one centering about Asbury Park, one about Long Branch in Monmouth County; and one centering about Union Township in Union County. During the year considered, Sea Bright Borough joined the other five municipalities previously making up the Long Branch Unit. A second unit in Union County consisting of Cranford and Clark Townships and the Borough of Garwood was established during the year and received a subsidy.

The operation of the units on the basis of a cooperative agreement among the Boards of Health concerned revealed practical difficulties in handling funds and in other ways. The enactment by the Legislature of the so-called Regional Health Commission Law offers a legal solution to some of these problems if the boards concerned wish to take advantage of its provisions.

INSPECTION OF LUNCH ROOMS AND CAMPS

Inspection of lunch rooms in rural areas and in small towns was carried on to the greatest extent possible. Much of this work is seasonal, the number of lunch rooms in operation reaching a peak during the summer months when camps are open. During the year primary inspection was made at 586 eating places and 975 reinspections were made. A great many violations of existing health laws were found at the places visited, most of which were corrected without legal action after the violation was called to the attention of the person in charge, either verbally at the time of inspection or by means of written notice.

Sixty-four camps were inspected. The number of camps to accommodate temporarily boys and girls and occasionally adults is increasing in the State. Sanitary inspection at these places is needed in order to insure reasonably satisfactory fundamental sanitary conditions to protect the health of thousands of boys and girls coming to the camps for recreation and open air living.

Although at a majority of camps operating in the State the management is anxious to follow all reasonable suggestions to improve sanitary conditions, a few unfortunately are not. Most large camps are located in townships, having very limited public health personnel, who show little interest in conditions at camps within their jurisdiction. To aid in better control of camps and to fix authority it is recommended the Department seek a law providing that a permit be obtained from the State Health Department for the operation of a camp in the State and that the opening and continued operation of a camp be dependent upon compliance with reasonable requirements of sanitation.

SPECIAL INSPECTIONS AND SURVEYS

Many complaints of alleged public health nuisances from all parts of the State are referred to the Bureau. Properly, since local Boards of Health have legal authority to abate nuisances such complaints should be made to the local Health Boards for investigation and action. While reference to a local Health Board is made of a large part of the nuisance complaints referred to the Bureau, investigation is made of a considerable number either in company with someone from the local board or occasionally independent of such board. Over 1400 special inspections of this general type were made during the year by employees assigned the Bureau. Some additional work was also carried on in checking the bacteriological count of exposed surfaces of glasses and eating utensils in food vending establishments. Four hundred samples for this purpose were collected. A special survey was made of the condition of outdoor toilets at public schools throughout the State. This survey showed that 733 privies were being maintained at 360 public schools in 126 municipalities in 19 counties of the State. Many of these privies were found to be constructed or maintained in violation of Regulation 3, Chapter 1 of the State Sanitary Code.

TRAINING OF HEALTH PERSONNEL

With the cooperation of Rutgers University, the Department arranged and helped conduct summer and winter courses for training employees of Health Departments. The summer course was much the same as that conducted annually since 1926 and consisted of a comprehensive group of subjects covering two summer semesters.

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Twenty-two students took this course in 1937, nineteen of them being employees of local Health Departments in New Jersey.

Winter courses were held on Wednesday evenings and Saturday afternoons during two periods of 10 weeks each. Three classes were held at the same time covering different subjects so that during the winter, 12 different subjects were offered. These included bacteriology, communicable disease control, immunity, public health law, milk and food control, nutrition, public health problems, milk testing, insect control with special reference to flies and mosquitoes, parasitology and water and sewage problems. Enrollment in these courses numbered 108, and 83 persons completed one or more courses in a satisfactory manner.

The winter courses were supported by Security Act funds and were free to students approved by the Department. Most of the students were employees of local Health Departments or the State Department of Health.

Two sanitarians in the Bureau were given leaves of absence to attend a course of five months work at the School of Public Health, University of Michigan. One of the medical assistants assigned the Bureau completed a short course in tuberculosis at the Trudeau School of Tuberculosis.

OTHER WORK

Services rendered and work performed by the Bureau last year, in addition to the activities mentioned, are indicated in part below:

Number of conferences with local health officials on questions pertaining to health work	5,365
Number of conferences with other public officials, physicians, and citizens on matters relating to public health	5,023
Number of meetings of local boards of health attended	268
Attendance at other public health meetings	400
Number of lectures given in summer courses for health officials	48
Number of lectures given in special courses for health officials	21
Number of other talks or lectures given or papers read	83
Number of persons given Schick, Dick or Mantoux tests or aid rendered in such tests	1,304
Number of water samples collected (private supplies)	416
Number of specimens collected from humans, either by employees of the Bureau, or with their aid, to be examined for pathogenic bacteria	1,561
Number of other specimens and samples collected for laboratory examination....	10

WORKS PROGRESS ADMINISTRATION PROJECTS

Two major W. P. A. projects sponsored by the Department were continued in operation during the year.

The Community Sanitation Project was continued in the 10 counties reported as operating last year and in addition in July, 1937, the project was extended to include Bergen, Sussex and Passaic Counties and on September 7, 1937, was further extended to include the counties of Somerset, Hunterdon, Warren, Morris, Union and Middlesex. Under this program there are constructed outdoor pit privies of a standard type having a concrete slab cover for the pit and a concrete riser for the seat, cast as part of the pit cover. All work in constructing the privy is performed by W. P. A. labor; all materials used in the construction including lumber, cement, hardware, etc., are supplied by the person for whom the unit is constructed.

Actual direction of the project during the year was continued by Dr. N. E. Newbury, assisted by three district supervisors and one office clerk, all of whom were paid by the United States Public Health Service. Owing to the elimination of solicitors for orders by action of the W. P. A., a sanitarian employed in the Bureau was also assigned to assist in carrying on the project. During the year ending June 30, 5,677 units were constructed. At the end of the fiscal year 430 men were working on the project in 19 counties.

The cost of building materials purchased by individuals for the units constructed since the inception of the project to June 30 amounted to \$265,486.09.

During the spring of 1938 further work was done under a W. P. A. project designed to control breeding of Anopheles mosquitoes in the section of Pennsauken Township, Camden County, where malaria appeared in epidemic form during the summer of 1935.

To afford closer supervision of some phases of the project, the Assistant Director of Community Sanitation accepted some responsibility in relation to the assignment of men to the project. The reduction in the number of cases of malaria in the area shows that the work done under this project together with other anti-malarial activities carried on have brought definite results.

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SANITATION UNITS CONSTRUCTED IN COUNTIES OF NEW JERSEY TO JUNE 30, 1938

County	Date Project Opened	Number Units Built July 1, 1937- June 30, 1938	Total Units Built to June 30, 1938	Number Men Working as of June 30, 1938
Atlantic	February 24, 1936.....	873	1,564	46
Burlington	February 24, 1936.....	286	947	20
Camden	February 24, 1936.....	414	744	20
Cape May	February 24, 1936.....	266	568	20
Cumberland ...	February 24, 1936.....	657	1,522	42
Gloucester	February 24, 1936.....	450	881	22
Mercer	July 1, 1936.....	339	819	21
Monmouth	February 24, 1936.....	333	804	17
Ocean	February 24, 1936.....	602	1,210	42
Salem	February 24, 1936.....	239	471	20
Bergen	July 1, 1937.....	209	209	19
Passaic	July 1, 1937.....	173	173	17
Sussex	July 15, 1937.....	182	182	21
Somerset	September 7, 1937.....	100	100	19
Hunterdon	September 7, 1937.....	114	114	16
Warren	September 7, 1937.....	147	147	20
Morris	September 7, 1937.....	97	97	16
Union	September 7, 1937.....	79	79	17
Middlesex	September 7, 1937.....	117	117	18
Totals.....		5,677	10,748	433

BARBER REGISTRATION DIVISION

This division continued to function under the guidance of the Bureau of Local Health Administration for only one month during the present fiscal year. By action of the Department the division was transferred to the Bureau of Administration on August 1, 1937. Therefore, no detailed report of the work of the division is being presented by the Local Health Administration Bureau.

VENEREAL DISEASE CONTROL

By action of the Department on July 13, 1937, some responsibility was placed upon the Bureau of Local Health Administration for Venereal Disease Control work formerly carried on in the Bureau of Venereal Disease Control. This new line of activity necessitated many conferences on this subject. A plan of establishing treatment centers in several counties for venereal disease patients in the low wage group was evolved. To

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support and generally to supervise such clinics local Boards of Health in given areas were asked to pool funds and to appoint representatives to a central advisory commission. Arranging with local Health Boards to join in such a cooperative arrangement required much work on the part of district health officers who were assigned the task of having such groups formed in certain counties in which the plan was made operative.

A report of the activities of the Division of Venereal Disease Control is given elsewhere.

REPORTED CASES OF CHICKENPOX IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	351	45	39	42	43	47	19	11	2	1	10	36	56
1 year	553	70	53	65	68	52	51	22	12	7	14	39	100
2 years	706	91	66	90	77	92	62	29	7	1	22	59	110
3 years	862	124	91	99	98	107	65	34	6	4	28	78	128
4 years	1034	152	108	138	121	122	77	26	4	8	38	93	147
Under 5 years	3506	482	357	434	407	420	274	122	31	21	112	305	541
5 to 9 years	10221	1311	1215	1441	1212	1149	747	117	25	42	403	1066	1493
10 to 14 years	1204	194	170	174	137	123	67	13	8	9	32	125	152
15 to 19 years	152	24	21	21	21	12	14	3	1	0	4	15	16
20 to 24 years	60	7	7	8	8	6	4	1	1	0	1	6	11
25 to 34 years	79	15	13	12	9	10	4	2	1	1	1	5	6
35 to 44 years	26	4	4	5	1	3	1	2	0	0	0	3	3
45 to 54 years	5	0	1	1	0	0	1	0	0	0	0	0	2
55 to 64 years	0	0	0	0	0	0	0	0	0	0	0	0	0
65 years and over	1	0	0	0	0	0	0	1	0	0	0	0	0
Age not stated	17	3	5	1	2	1	1	0	0	0	2	1	1
Total	15271	2040	1793	2097	1797	1724	1113	261	67	73	555	1526	2225

REPORTED CASES AND DEATHS FROM CHICKENPOX IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	180	0	171	0	351	0
1 year	281	3	272	0	553	3
2 years	352	0	354	0	706	0
3 years	425	0	437	0	862	0
4 years	551	0	483	0	1034	0
Under 5 years	1789	3	1717	0	3506	3
5 to 9 years	5278	2	4943	1	10221	3
10 to 14 years	606	0	598	1	1204	1
15 to 19 years	88	0	64	0	152	0
20 to 24 years	33	0	27	0	60	0
25 to 34 years	44	0	35	0	79	0
35 to 44 years	17	0	9	0	26	0
45 to 54 years	2	0	3	0	5	0
55 to 64 years	0	0	0	0	0	0
65 years and over	1	0	0	0	1	0
Age not stated	8	0	9	0	17	0
Total	7866	5	7405	2	15271	7

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REPORTED CASES OF DIPHTHERIA IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	16	2	1	2	1	0	0	2	2	1	0	4	1
1 year	25	0	3	6	2	3	0	1	1	2	1	2	4
2 years	41	6	4	3	6	4	1	2	2	4	3	4	2
3 years	34	4	0	3	2	4	1	2	2	2	6	4	4
4 years	30	2	5	4	0	3	2	3	4	3	1	3	0
Under 5 years	146	14	13	18	11	14	4	10	11	12	17	17	11
5 to 9 years	197	14	13	16	15	12	13	7	5	15	16	41	30
10 to 14 years	91	9	5	12	7	9	8	2	2	5	7	11	14
15 to 19 years	29	3	2	6	2	1	3	0	0	1	0	5	6
20 to 24 years	18	3	1	1	4	3	1	1	0	0	0	2	0
25 to 34 years	32	5	4	0	3	6	1	2	1	1	3	5	1
35 to 44 years	21	5	1	3	5	0	1	1	0	0	1	3	1
45 to 54 years	11	1	1	4	3	0	0	0	0	1	0	0	1
55 to 64 years	2	0	0	1	1	0	0	0	0	0	0	0	0
65 years and over	1	0	0	0	0	0	0	0	0	1	0	0	0
Age not stated	2	0	0	0	0	0	0	0	0	0	0	2	0
Total	550	54	40	61	51	47	31	23	19	36	38	86	64

REPORTED CASES AND DEATHS FROM DIPHTHERIA IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	9	4	7	1	16	5
1 year	12	3	13	0	25	3
2 years	27	4	14	2	41	6
3 years	21	1	13	1	34	2
4 years	16	0	14	1	30	1
Under 5 years	85	12	61	5	146	17
5 to 9 years	106	5	91	1	197	6
10 to 14 years	44	0	47	1	91	1
15 to 19 years	12	3	17	0	29	3
20 to 24 years	6	0	12	0	18	0
25 to 34 years	17	1	15	0	32	1
35 to 44 years	6	0	15	0	21	0
45 to 54 years	4	1	7	0	11	1
55 to 64 years	0	0	2	0	2	0
65 years and over	0	0	1	0	1	0
Age not stated	0	0	2	0	2	0
Total	280	22	270	7	550	29

REPORTED CASES OF DYSENTERY IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	1	0	0	0	0	0	0	0	0	0	1	0	0
1 year	2	0	1	0	0	0	0	0	0	0	0	1	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	3	0	1	0	0	0	0	0	0	0	1	1	0
5 to 9 years	4	0	0	0	0	0	0	2	0	0	0	1	1
10 to 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0
15 to 19 years	1	0	0	0	0	0	0	0	1	0	0	0	0
20 to 24 years	1	0	0	0	0	0	0	0	1	0	0	0	0
25 to 34 years	6	0	1	0	1	1	0	0	2	0	0	0	1
35 to 44 years	3	1	0	0	0	0	0	0	0	1	0	1	0
45 to 54 years	3	0	0	1	1	0	0	0	0	1	0	0	0
55 to 64 years	4	0	0	0	1	1	0	0	1	0	1	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	25	1	2	1	3	2	0	2	5	2	2	3	2

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REPORTED CASES AND DEATHS FROM DYSENTERY IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	1	1	0	0	1	1
1 year	1	0	1	0	2	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	2	1	1	0	3	1
5 to 9 years	2	0	2	1	4	1
10 to 14 years	0	0	0	0	0	0
15 to 19 years	0	0	1	0	1	0
20 to 24 years	1	0	0	0	1	0
25 to 34 years	2	0	4	0	6	0
35 to 44 years	2	0	1	0	3	0
45 to 54 years	1	2	2	0	3	2
55 to 64 years	2	0	2	0	4	0
65 years and over	0	0	0	1	0	1
Age not stated	0	0	0	0	0	0
Total	12	3	13	2	25	5

REPORTED CASES OF EPIDEMIC CEREBRO-SPINAL MENINGITIS IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	9	2	1	1	0	0	1	1	0	1	1	0	1
1 year	3	2	0	0	0	0	0	0	1	0	0	0	0
2 years	9	0	4	0	2	0	1	1	0	0	0	0	1
3 years	7	0	4	1	0	0	1	0	1	0	0	0	0
4 years	3	1	0	0	0	0	0	0	2	0	0	0	0
Under 5 years	31	5	9	2	2	0	3	2	4	1	1	0	2
5 to 9 years	16	4	1	1	2	1	0	1	0	1	1	3	1
10 to 14 years	5	1	0	2	0	1	0	0	0	0	0	1	0
15 to 19 years	15	0	2	2	4	0	2	1	2	1	0	1	0
20 to 24 years	10	0	1	1	2	0	3	1	0	0	0	1	1
25 to 34 years	14	2	2	3	4	0	1	1	0	0	0	0	1
35 to 44 years	9	3	0	0	1	1	1	0	0	1	0	2	0
45 to 54 years	6	1	0	1	3	0	1	0	0	0	0	0	0
55 to 64 years	4	2	1	1	0	0	0	0	0	0	0	0	0
65 years and over	1	0	0	0	0	0	0	0	0	0	0	0	1
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	111	18	16	13	18	3	11	6	6	4	2	8	6

REPORTED CASES AND DEATHS FROM EPIDEMIC CEREBRO-SPINAL MENINGITIS IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	6	3	3	2	9	5
1 year	2	0	1	1	3	1
2 years	4	3	5	2	9	5
3 years	3	0	4	1	7	1
4 years	2	1	1	0	3	1
Under 5 years	17	7	14	6	31	13
5 to 9 years	9	4	7	4	16	8
10 to 14 years	4	0	1	1	5	1
15 to 19 years	10	1	5	2	15	3
20 to 24 years	8	3	2	3	10	6
25 to 34 years	11	5	3	1	14	6
35 to 44 years	7	4	2	2	9	6
45 to 54 years	4	2	2	0	6	2
55 to 64 years	2	0	2	1	4	1
65 years and over	0	0	1	0	1	0
Age not stated	0	0	0	0	0	0
Total	72	26	39	20	111	46

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REPORTED CASES OF GERMAN MEASLES IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	65	3	7	5	12	7	7	6	1	3	3	7	4
1 year	101	5	7	14	12	8	11	16	4	3	4	7	10
2 years	83	5	7	16	12	8	8	7	7	5	2	2	4
3 years	72	4	6	15	13	7	7	6	3	3	2	3	3
4 years	71	4	6	19	15	5	6	5	2	4	2	1	2
Under 5 years	392	21	33	69	64	35	39	40	17	18	13	20	23
5 to 9 years	690	57	67	112	141	155	81	14	9	5	8	17	24
10 to 14 years	260	17	20	30	63	67	36	10	4	2	3	4	4
15 to 19 years	47	3	5	5	11	11	6	3	0	0	1	0	2
20 to 24 years	12	2	0	1	2	3	2	0	0	0	0	1	1
25 to 34 years	6	0	1	1	1	2	0	0	0	1	0	0	0
35 to 44 years	5	1	0	1	3	0	0	0	0	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	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	2	0	0	0	1	0	1	0	0	0	0	0	0
Total	1415	101	126	219	286	273	165	68	30	26	25	42	54

REPORTED CASES AND DEATHS FROM GERMAN MEASLES IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	35	0	30	0	65	0
1 year	51	0	50	0	101	0
2 years	40	0	43	0	83	0
3 years	39	0	33	0	72	0
4 years	32	0	39	0	71	0
Under 5 years	197	0	195	0	392	0
5 to 9 years	362	0	328	0	690	0
10 to 14 years	116	0	144	0	260	0
15 to 19 years	27	0	20	0	47	0
20 to 24 years	6	0	6	0	12	0
25 to 34 years	2	0	4	0	6	0
35 to 44 years	2	0	3	0	5	0
45 to 54 years	1	0	0	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	2	0	2	0
Total	713	0	702	0	1415	0

REPORTED CASES OF INFLUENZA IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	26	14	6	3	1	0	0	0	0	1	0	0	1
1 year	25	15	5	1	0	0	0	0	0	2	0	1	1
2 years	29	20	3	2	0	0	0	0	0	0	2	1	1
3 years	46	28	8	4	1	1	1	0	0	0	0	2	1
4 years	30	17	6	3	0	1	1	0	0	0	0	2	0
Under 5 years	156	94	28	13	2	2	2	0	0	3	2	6	4
5 to 9 years	130	75	16	12	0	3	0	0	1	3	6	4	10
10 to 14 years	94	42	31	7	1	2	0	0	0	4	4	2	1
15 to 19 years	135	59	51	4	3	2	1	1	3	2	1	6	2
20 to 24 years	149	97	19	13	3	3	1	0	0	2	3	3	5
25 to 34 years	292	185	36	25	5	5	1	1	4	5	5	7	13
35 to 44 years	337	175	116	17	4	1	2	0	0	2	4	9	7
45 to 54 years	257	137	72	12	6	2	4	1	0	2	3	6	12
55 to 64 years	118	63	22	8	5	3	2	1	1	1	2	5	5
65 years and over	109	56	17	10	7	2	3	0	0	3	1	6	4
Age not stated	11	10	1	0	0	0	0	0	0	0	0	0	0
Total	1788	993	409	121	36	25	16	4	9	27	31	54	63

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REPORTED CASES AND DEATHS FROM INFLUENZA IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	13	19	13	10	26	29
1 year	13	10	12	8	25	18
2 years	15	5	14	4	29	9
3 years	21	2	25	2	46	4
4 years	15	1	15	1	30	2
Under 5 years	77	37	79	25	156	62
5 to 9 years	69	4	61	4	130	8
10 to 14 years	60	2	34	2	94	4
15 to 19 years	84	4	51	5	135	9
20 to 24 years	64	8	85	8	149	16
25 to 34 years	135	12	157	7	292	19
35 to 44 years	198	27	139	15	337	42
45 to 54 years	136	35	121	21	257	56
55 to 64 years	58	31	60	35	118	66
65 years and over	39	59	70	103	109	162
Age not stated	5	0	6	0	11	0
Total	925	219	863	225	1788	444

REPORTED CASES OF LETHARGIC ENCEPHALITIS IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Months

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

REPORTED CASES AND DEATHS FROM LETHARGIC ENCEPHALITIS IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Sex

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

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REPORTED CASES OF MEASLES IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Months

AGE GROUPS	Total	NUMBER OF CASES											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	670	33	46	142	165	123	51	24	9	4	5	22	46
1 year	2017	81	162	462	545	301	188	74	28	9	12	46	109
2 years	2804	103	213	683	773	390	248	86	30	10	24	68	176
3 years	3137	119	244	787	841	480	256	99	21	5	32	64	183
4 years	3845	139	301	1070	1006	553	353	90	14	12	30	85	192
Under 5 years	12473	475	966	3144	3330	1853	1096	373	102	40	103	285	706
5 to 9 years	27474	1124	2393	7492	6315	4389	2513	444	67	28	180	756	1773
10 to 14 years	5011	201	372	1316	1365	898	366	78	15	2	22	75	301
15 to 19 years	697	20	67	132	200	143	59	23	3	1	0	18	31
20 to 24 years	168	8	22	44	46	20	9	4	1	1	0	5	8
25 to 34 years	153	4	10	41	35	36	13	6	1	0	0	1	6
35 to 44 years	47	7	1	9	13	8	5	1	0	0	0	2	1
45 to 54 years	14	0	0	5	4	4	0	0	1	0	0	0	0
55 to 64 years	3	0	1	0	0	1	0	1	0	0	0	0	0
65 years and over	2	0	0	1	0	0	0	0	0	0	0	0	1
Age not stated	88	3	7	15	21	24	9	1	0	0	0	6	2
Total	46130	1842	3839	12199	11329	7376	4070	931	190	72	305	1148	2829

REPORTED CASES AND DEATHS FROM MEASLES IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	345	6	325	4	670	10
1 year	1024	8	993	7	2017	15
2 years	1467	4	1337	2	2804	6
3 years	1558	2	1579	2	3137	4
4 years	1987	1	1858	3	3845	4
Under 5 years	6381	21	6092	18	12473	39
5 to 9 years	14077	4	13397	4	27474	8
10 to 14 years	2476	0	2535	2	5011	2
15 to 19 years	355	2	342	1	697	3
20 to 24 years	83	0	85	2	168	2
25 to 34 years	61	1	92	0	153	1
35 to 44 years	27	0	20	0	47	0
45 to 54 years	6	0	8	0	14	0
55 to 64 years	2	0	1	0	3	0
65 years and over	0	0	2	0	2	0
Age not stated	50	0	38	0	88	0
Total	23518	28	22612	27	46130	55

REPORTED CASES OF MUMPS IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	21	1	1	2	2	8	1	1	0	0	0	2	3
1 year	88	7	11	16	16	11	8	3	2	2	5	2	5
2 years	186	11	20	34	43	19	21	5	5	9	4	5	10
3 years	245	38	16	42	42	30	23	15	10	1	4	8	16
4 years	373	38	27	74	58	56	38	22	10	1	6	21	22
Under 5 years	913	95	75	168	161	124	91	46	27	13	19	38	56
5 to 9 years	4483	477	541	920	759	621	382	97	60	61	98	229	238
10 to 14 years	1750	193	228	374	343	247	132	29	14	20	17	56	97
15 to 19 years	362	44	47	89	54	50	17	4	9	4	2	16	26
20 to 24 years	113	12	13	23	18	17	8	2	2	2	3	6	7
25 to 34 years	200	21	21	46	32	30	11	2	5	7	3	7	15
35 to 44 years	106	14	7	22	27	10	7	2	4	3	1	2	7
45 to 54 years	33	6	4	5	6	5	3	0	1	0	0	0	3
55 to 64 years	7	1	1	1	2	1	0	0	0	0	0	0	1
65 years and over	11	0	2	3	2	1	0	1	0	0	0	0	2
Age not stated	21	2	5	1	5	0	3	0	3	1	1	0	0
Total	7999	865	944	1652	1409	1106	654	183	125	111	144	354	452

DEPARTMENT OF HEALTH

REPORTED CASES AND DEATHS FROM MUMPS IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	14	0	7	0	21	0
1 year	45	0	43	0	88	0
2 years	100	0	86	0	186	0
3 years	135	0	110	0	245	0
4 years	204	0	169	0	373	0
Under 5 years	498	0	415	0	913	0
5 to 9 years	2385	0	2098	0	4483	0
10 to 14 years	913	0	837	0	1750	0
15 to 19 years	188	0	174	0	362	0
20 to 24 years	43	0	70	0	113	0
25 to 34 years	85	0	115	0	200	0
35 to 44 years	49	0	57	0	106	0
45 to 54 years	16	0	17	0	33	0
55 to 64 years	2	0	5	0	7	0
65 years and over	6	0	5	0	11	0
Age not stated	12	0	9	0	21	0
Total	4197	0	3802	0	7999	0

REPORTED CASES OF PARATYPHOID FEVER IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
1 year	1	1	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	1	0	0	0	0	0	0
Under 5 years	2	1	0	0	0	0	1	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	3	0	0	0	0	0	0	0	3	0	0	0	0
15 to 19 years	2	0	0	0	0	0	0	0	1	1	0	0	0
20 to 24 years	1	0	0	0	0	0	0	0	0	0	1	0	0
25 to 34 years	4	0	0	0	0	2	1	0	0	0	1	0	0
35 to 44 years	2	0	0	0	0	0	0	0	1	0	0	1	0
45 to 54 years	2	0	0	0	0	0	0	0	0	0	1	0	1
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	16	1	0	0	0	2	2	0	5	1	3	1	1

REPORTED CASES AND DEATHS FROM PARATYPHOID FEVER IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	0	0	0	0	0	0
1 year	1	1	0	0	1	1
2 years	0	0	0	0	0	0
3 years	0	0	0	0	0	0
4 years	0	0	1	0	1	0
Under 5 years	1	1	1	0	2	1
5 to 9 years	0	0	0	0	0	0
10 to 14 years	2	0	1	0	3	0
15 to 19 years	1	0	1	0	2	0
20 to 24 years	1	0	0	0	1	0
25 to 34 years	2	0	2	1	4	1
35 to 44 years	0	0	2	0	2	0
45 to 54 years	0	0	2	0	2	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	7	1	9	1	16	2

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REPORTED CASES OF PNEUMONIA IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	487	99	98	88	55	44	17	10	13	17	11	12	23
1 year	324	40	53	61	53	33	16	9	8	10	11	7	23
2 years	230	36	24	47	25	41	18	2	3	3	7	15	14
3 years	179	35	35	28	20	18	8	2	6	4	5	10	8
4 years	159	33	31	21	17	17	9	3	3	2	0	6	17
Under 5 years	1379	243	241	245	170	153	63	26	33	36	34	50	85
5 to 9 years	602	68	85	101	82	91	24	5	12	28	23	36	47
10 to 14 years	288	33	34	42	25	34	15	7	8	17	13	30	30
15 to 19 years	238	42	27	28	20	18	9	3	15	12	14	24	26
20 to 24 years	189	37	22	16	19	20	3	6	8	8	19	14	17
25 to 34 years	468	84	51	70	50	29	14	8	12	21	33	35	61
35 to 44 years	578	117	89	70	46	53	25	11	20	17	36	35	59
45 to 54 years	522	114	73	75	57	32	16	18	9	18	29	31	50
55 to 64 years	572	108	76	96	79	40	23	10	9	17	34	23	57
65 years and over	819	167	93	126	80	62	46	26	21	19	59	45	75
Age not stated	24	10	4	4	3	1	1	0	0	0	1	0	0
Total	5679	1023	795	873	631	533	239	120	147	193	295	323	507

REPORTED CASES AND DEATHS FROM PNEUMONIA IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	272	212	215	154	487	366
1 year	191	59	133	52	324	111
2 years	137	26	93	20	230	46
3 years	96	10	83	16	179	26
4 years	94	13	65	3	159	16
Under 5 years	790	320	589	245	1379	565
5 to 9 years	363	23	239	20	602	43
10 to 14 years	171	7	117	10	288	17
15 to 19 years	132	24	106	20	238	44
20 to 24 years	102	26	87	30	189	56
25 to 34 years	259	86	209	80	468	166
35 to 44 years	337	154	241	84	578	238
45 to 54 years	314	276	208	130	522	406
55 to 64 years	330	313	242	161	572	474
65 years and over	392	411	427	522	819	933
Age not stated	14	0	10	0	24	0
Total	3204	1640	2475	1302	5679	2942

REPORTED CASES OF ANTERIOR POLIOMYELITIS IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	3	0	1	0	0	0	0	0	1	1	0	0	0
1 year	13	0	0	0	0	0	0	1	2	4	4	2	0
2 years	13	0	0	0	0	0	0	0	6	4	3	0	0
3 years	13	0	0	0	0	0	1	0	3	7	1	0	1
4 years	14	0	0	1	0	0	0	2	2	6	3	0	0
Under 5 years	56	0	1	1	0	0	1	3	14	22	11	2	1
5 to 9 years	60	1	0	0	0	0	1	1	10	28	18	1	0
10 to 14 years	24	1	0	0	0	0	1	1	9	7	4	1	0
15 to 19 years	11	0	0	0	0	1	0	2	2	6	0	0	0
20 to 24 years	5	0	0	0	0	0	0	0	3	1	1	0	0
25 to 34 years	4	0	0	0	0	0	0	0	0	4	0	0	0
35 to 44 years	0	0	0	0	0	0	0	0	0	0	0	0	0
45 to 54 years	0	0	0	0	0	0	0	0	0	0	0	0	0
55 to 64 years	0	0	0	0	0	0	0	0	0	0	0	0	0
65 years and over	0	0	0	0	0	0	0	0	0	0	0	9	0
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	160	2	1	1	0	1	3	7	38	68	34	4	1

DEPARTMENT OF HEALTH

REPORTED CASES AND DEATHS FROM ANTERIOR POLIOMYELITIS IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	2	0	1	1	3	1
1 year	6	0	7	0	13	0
2 years	4	1	9	0	13	1
3 years	9	0	4	1	13	1
4 years	7	0	7	0	14	0
Under 5 years	28	1	28	2	56	3
5 to 9 years	29	3	31	3	60	6
10 to 14 years	17	3	7	2	24	5
15 to 19 years	9	1	2	0	11	1
20 to 24 years	3	2	2	0	5	2
25 to 34 years	1	1	3	1	4	2
35 to 44 years	0	0	0	0	0	0
45 to 54 years	0	1	0	3	0	4
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	87	12	73	11	160	23

REPORTED CASES OF SCARLET FEVER IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	30	4	4	4	4	7	1	2	0	0	0	0	4
1 year	84	9	13	19	11	10	2	2	0	3	1	5	9
2 years	217	19	31	54	26	22	18	2	4	2	6	13	20
3 years	340	39	40	63	56	34	28	8	5	8	7	21	31
4 years	382	59	49	60	58	52	26	11	3	6	8	18	32
Under 5 years	1053	130	137	200	155	125	75	25	12	19	22	57	96
5 to 9 years	2811	330	352	469	414	414	181	44	23	63	115	169	237
10 to 14 years	1042	114	117	191	183	184	67	26	11	13	43	40	53
15 to 19 years	264	34	25	57	45	40	22	6	3	7	8	8	9
20 to 24 years	117	9	25	28	18	9	2	4	0	0	6	7	9
25 to 34 years	142	14	20	26	26	16	10	3	2	0	6	10	9
35 to 44 years	72	6	8	17	12	10	8	0	1	1	2	4	3
45 to 54 years	16	4	1	3	5	2	0	0	0	0	0	1	0
55 to 64 years	2	0	0	1	1	0	0	0	0	0	0	0	0
65 years and over	1	1	0	0	0	0	0	0	0	0	0	0	0
Age not stated	13	0	1	4	1	2	3	1	0	0	0	1	0
Total	5533	642	686	996	880	802	368	109	52	103	202	297	416

REPORTED CASES AND DEATHS FROM SCARLET FEVER IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	17	0	13	0	30	0
1 year	41	0	43	0	84	0
2 years	132	1	85	0	217	1
3 years	168	3	172	0	340	3
4 years	207	2	175	2	382	4
Under 5 years	565	6	488	2	1053	8
5 to 9 years	1416	3	1395	4	2811	7
10 to 14 years	549	0	493	0	1042	0
15 to 19 years	115	0	149	0	264	0
20 to 24 years	37	0	80	0	117	0
25 to 34 years	42	0	100	0	142	0
35 to 44 years	30	0	42	0	72	0
45 to 54 years	7	0	9	0	16	0
55 to 64 years	0	0	2	1	2	1
65 years and over	0	0	1	0	1	0
Age not stated	9	0	4	0	13	0
Total	2770	9	2763	7	5533	16

LOCAL HEALTH ADMINISTRATION

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REPORTED CASES OF TRICHINOSIS IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	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	0	0	0	0	0	0	0	0	0	0	0	0	0
10 to 14 years	2	0	2	0	0	0	0	0	0	0	0	0	0
15 to 19 years	1	0	0	1	0	0	0	0	0	0	0	0	0
20 to 24 years	0	0	0	0	0	0	0	0	0	0	0	0	0
25 to 34 years	2	0	0	1	0	0	0	0	1	0	0	0	0
35 to 44 years	4	2	0	0	0	0	0	0	0	1	0	1	0
45 to 54 years	2	0	0	1	0	0	0	0	0	0	0	0	1
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	2	0	2	0	0	0	0	0	0	0	0	0	0
Total	13	2	4	3	0	0	0	0	1	1	0	1	1

REPORTED CASES AND DEATHS FROM TRICHINOSIS IN NEW JERSEY

For the Calendar Year 1937 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	0	0	0	0	0	0
10 to 14 years	1	0	1	0	2	0
15 to 19 years	1	0	0	0	1	0
20 to 24 years	0	0	0	0	0	0
25 to 34 years	1	1	1	0	2	1
35 to 44 years	1	0	3	0	4	0
45 to 54 years	1	0	1	0	2	0
55 to 64 years	0	0	0	0	0	0
65 years and over	0	0	0	0	0	0
Age not stated	1	0	1	0	2	0
Total	6	1	7	0	13	1

REPORTED CASES OF TUBERCULOSIS IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	13	0	2	0	1	1	2	2	1	1	1	0	2
1 year	15	2	2	2	1	3	2	0	0	0	1	1	0
2 years	14	0	1	1	0	1	4	3	2	0	1	0	1
3 years	12	0	1	2	4	0	2	2	0	1	0	0	0
4 years	10	0	0	1	2	1	0	2	1	0	1	2	0
Under 5 years	64	2	7	6	8	6	10	9	4	2	4	3	3
5 to 9 years	106	13	5	11	5	14	11	7	6	8	13	5	6
10 to 14 years	145	19	13	10	15	10	11	16	7	16	10	6	12
15 to 19 years	326	34	23	29	33	24	23	34	37	16	20	33	20
20 to 24 years	607	44	42	67	65	58	54	42	46	49	41	55	44
25 to 34 years	1011	97	77	78	89	87	90	90	77	89	80	79	78
35 to 44 years	754	56	56	78	63	71	63	60	59	41	65	68	74
45 to 54 years	604	60	62	50	70	47	58	64	37	39	44	45	38
55 to 64 years	415	35	35	49	34	37	37	36	22	40	26	29	35
65 years and over	216	20	16	19	19	12	19	22	20	12	21	19	17
Age not stated	37	5	1	0	2	7	2	7	1	4	4	4	0
Total	4285	375	337	397	403	373	378	387	316	316	330	346	327

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REPORTED CASES AND DEATHS FROM TUBERCULOSIS IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	11	13	2	4	13	17
1 year	3	5	12	7	15	12
2 years	10	4	4	1	14	5
3 years	5	2	7	5	12	7
4 years	6	2	4	1	10	3
Under 5 years	35	26	29	18	64	44
5 to 9 years	60	7	46	6	106	13
10 to 14 years	57	10	88	15	145	25
15 to 19 years	117	41	209	63	326	104
20 to 24 years	232	96	375	115	607	211
25 to 34 years	489	211	522	221	1011	432
35 to 44 years	476	261	278	120	754	381
45 to 54 years	441	289	163	90	604	379
55 to 64 years	309	215	106	76	415	291
65 years and over	144	127	72	84	216	211
Age not stated	21	0	16	0	37	0
Total	2381	1283	1904	808	4285	2091

REPORTED CASES OF TYPHOID FEVER IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	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	2	1	0	0	0	0	0	0	1	0	0	0	0
3 years	0	0	0	0	0	0	0	0	0	0	0	0	0
4 years	4	0	1	1	0	0	0	1	0	1	0	0	0
Under 5 years	6	1	1	1	0	0	0	1	1	1	0	0	0
5 to 9 years	27	0	2	0	2	2	1	3	2	11	2	1	1
10 to 14 years	25	0	2	0	2	1	0	5	2	8	2	3	0
15 to 19 years	21	0	0	1	0	0	0	2	3	10	3	0	2
20 to 24 years	24	2	1	0	2	0	0	1	11	0	1	4	2
25 to 34 years	28	1	0	0	3	0	1	3	3	8	4	2	3
35 to 44 years	18	1	6	1	0	1	0	3	3	3	3	3	0
45 to 54 years	20	1	1	0	0	0	1	1	6	2	5	2	1
55 to 64 years	9	0	1	3	0	0	2	0	0	2	0	1	0
65 years and over	2	0	0	1	0	1	0	0	0	0	0	0	0
Age not stated	2	0	1	0	0	0	0	0	0	1	0	0	0
Total	182	6	9	7	9	5	5	19	31	46	20	16	9

REPORTED CASES AND DEATHS FROM TYPHOID FEVER IN NEW JERSEY

For the Calendar Year 1937 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	2	0	0	0	2	0
3 years	0	0	0	0	0	0
4 years	0	0	4	0	4	0
Under 5 years	2	0	4	0	6	0
5 to 9 years	13	1	14	0	27	1
10 to 14 years	15	3	10	0	25	3
15 to 19 years	16	5	5	0	21	5
20 to 24 years	10	4	14	0	24	4
25 to 34 years	15	3	13	2	28	5
35 to 44 years	11	0	7	0	18	0
45 to 54 years	10	1	10	2	20	3
55 to 64 years	8	2	1	0	9	2
65 years and over	1	2	1	0	2	2
Age not stated	2	9	0	0	2	0
Total	103	21	79	4	182	25

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REPORTED CASES OF UNDULANT FEVER IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	2	1	0	0	0	0	0	0	0	0	0	0	1
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	1	0	0	0	0	0	0	0	0	0
Under 5 years	3	1	0	1	0	0	0	0	0	0	0	0	1
5 to 9 years	1	0	0	0	0	0	0	0	0	0	0	1	0
10 to 14 years	1	0	0	1	0	0	0	0	0	0	0	0	0
15 to 19 years	2	1	0	0	0	0	0	1	0	1	0	0	0
20 to 24 years	5	2	0	1	1	0	0	0	0	0	1	0	0
25 to 34 years	14	1	1	0	2	5	2	0	1	0	1	0	1
35 to 44 years	16	1	0	4	1	0	1	3	3	0	2	1	0
45 to 54 years	15	4	1	2	1	2	1	0	1	1	0	0	2
55 to 64 years	7	1	1	1	0	1	0	1	0	0	1	0	1
65 years and over	1	0	0	0	0	0	0	1	0	0	0	0	0
Age not stated	1	0	1	0	0	0	0	0	0	0	0	0	0
Total	67	11	4	10	5	8	4	6	5	2	5	2	5

REPORTED CASES AND DEATHS FROM UNDULANT FEVER IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	1	0	1	0	2	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	2	0	1	0	3	0
5 to 9 years	0	0	1	0	1	0
10 to 14 years	1	0	0	0	1	0
15 to 19 years	1	0	2	0	3	0
20 to 24 years	3	0	2	0	5	0
25 to 34 years	8	0	6	0	14	0
35 to 44 years	12	0	4	0	16	0
45 to 54 years	11	0	4	0	15	0
55 to 64 years	4	0	3	0	7	0
65 years and over	0	0	1	0	1	0
Age not stated	0	0	1	0	1	0
Total	42	0	25	0	67	0

REPORTED CASES OF WHOOPING COUGH IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	419	53	56	43	31	27	42	34	25	28	30	21	29
1 year	432	39	45	44	34	34	39	36	35	24	35	29	38
2 years	574	65	65	51	46	48	42	46	43	33	32	49	54
3 years	587	68	53	48	61	60	46	52	37	50	29	28	55
4 years	599	56	52	51	58	44	58	44	48	43	22	62	61
Under 5 years	2611	281	271	237	230	213	227	212	188	178	148	189	237
5 to 9 years	2567	521	271	232	250	238	168	142	117	132	155	220	321
10 to 14 years	276	35	42	21	33	37	23	11	8	14	7	15	30
15 to 19 years	31	3	3	2	1	4	4	1	0	2	2	5	4
20 to 24 years	13	0	1	2	3	1	0	0	0	2	1	0	3
25 to 34 years	20	2	3	1	1	3	3	0	1	3	0	2	1
35 to 44 years	17	1	2	2	1	3	2	1	1	1	0	0	3
45 to 54 years	8	3	0	0	0	3	1	0	0	0	0	0	1
55 to 64 years	1	0	0	0	0	0	0	0	1	0	0	0	0
65 years and over	3	0	0	0	0	1	0	0	1	0	0	1	0
Age not stated	9	3	0	0	2	3	1	0	0	0	0	0	0
Total	5556	649	593	497	521	506	429	367	317	332	313	432	600

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REPORTED CASES AND DEATHS FROM WHOOPING COUGH IN NEW JERSEY

For the Calendar Year 1937 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	215	14	204	17	419	31
1 year	199	2	233	3	432	5
2 years	282	2	292	2	574	4
3 years	264	3	323	3	587	6
4 years	320	0	279	0	599	0
Under 5 years	1280	21	1331	25	2611	46
5 to 9 years	1241	0	1326	1	2567	1
10 to 14 years	125	0	151	0	276	0
15 to 19 years	15	0	16	0	31	0
20 to 24 years	1	0	12	0	13	0
25 to 34 years	7	0	13	0	20	0
35 to 44 years	5	0	12	0	17	0
45 to 54 years	3	0	5	0	8	0
55 to 64 years	0	1	1	0	1	1
65 years and over	2	0	1	0	3	0
Age not stated	3	0	6	0	9	0
Total	2682	22	2874	26	5556	48

REPORTED CASES AND DEATHS FROM CHICKENPOX AND DIPHTHERIA BY COUNTIES FOR 1937

CHICKENPOX				DIPHTHERIA				
COUNTIES	Cases	Cases per 100,000	Deaths	Cases	Cases per 100,000	Deaths	Deaths per 100,000	Percent Fatality
		Population			Population		Population	
Atlantic	260	185.71	0	6	4.27	1	0.71	16.66
Bergen	2296	542.27	0	23	5.43	2	0.47	8.69
Burlington	125	127.55	0	5	5.10	1	1.02	20.00
Camden	419	148.71	0	66	23.94	2	0.72	3.03
Cape May	32	96.09	0	5	15.01	2	6.00	40.00
Cumberland	149	203.83	0	8	10.94	1	1.36	12.50
Essex	5502	609.77	1	15	1.66	3	0.33	20.00
Gloucester	72	90.68	0	6	7.55	0	....	....
Hudson	1331	186.39	2	207	28.98	9	1.26	4.34
Hunterdon	40	112.99	0	1	2.82	0	....	....
Mercer	496	251.14	0	5	2.53	0	....	....
Middlesex	225	97.27	0	16	6.91	1	0.43	6.25
Monmouth	774	474.26	1	13	7.96	1	0.61	7.69
Morris	559	461.98	1	6	4.96	0	....	....
Ocean	30	80.64	0	1	2.69	0	....	....
Passaic	915	287.37	1	110	34.54	5	1.57	4.54
Salem	32	86.72	1	26	70.46	0	....	....
Somerset	82	114.52	0	5	6.98	0	....	....
Sussex	145	501.73	0	3	10.38	0	....	....
Union	1782	516.52	0	11	3.19	1	0.29	9.09
Warren	14	27.50	0	12	23.57	0		
State	15271	351.62	7	550	12.66	29	0.66	5.27

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REPORTED CASES AND DEATHS FROM DYSENTERY, TRACHOMA, OPHTHALMIA
NEONATORUM AND PARATYPHOID FEVER BY COUNTIES FOR 1937

COUNTIES	DYSENTERY		TRACHOMA		OPHTHALMIA NEONATORUM		PARATYPHOID FEVER	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Atlantic	0	0	0	0	0	0	0	0
Bergen	4	0	0	0	0	0	1	0
Burlington	2	1	0	0	0	0	0	0
Camden	0	0	0	0	1	0	4	0
Cape May	0	0	0	0	0	0	0	0
Cumberland	1	2	0	0	0	0	0	0
Essex	6	0	3	0	120	0	4	1
Gloucester	0	0	0	0	0	0	2	0
Hudson	5	1	2	0	0	0	1	1
Hunterdon	0	0	0	0	0	0	0	0
Mercer	0	0	0	0	3	0	4	0
Middlesex	0	1	0	0	0	0	0	0
Monmouth	2	0	0	0	2	0	0	0
Morris	1	0	0	0	0	0	0	0
Ocean	1	0	1	0	0	0	0	0
Passaic	1	0	1	0	1	0	0	0
Salem	0	0	0	0	0	0	0	0
Somerset	0	0	0	0	0	0	0	0
Sussex	2	0	0	0	0	0	0	0
Union	0	0	0	0	1	0	0	0
Warren	0	0	0	0	0	0	0	0
State	25	5	7	0	128	0	16	2

REPORTED CASES AND DEATHS FROM INFLUENZA AND PNEUMONIA
BY COUNTIES FOR 1937

COUNTIES	INFLUENZA				PNEUMONIA			
	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	1	0.71	20	14.25	32	22.81	111	79.11
Bergen	60	14.17	29	6.85	498	117.62	230	54.32
Burlington	4	4.08	23	23.47	47	47.96	69	70.41
Camden	111	40.26	48	17.41	281	101.92	187	67.82
Cape May	59	177.17	6	18.02	12	36.03	27	81.08
Cumberland	7	9.57	19	25.99	39	53.35	29	39.67
Essex	463	51.31	66	7.31	2863	317.30	592	65.61
Gloucester	5	6.29	10	12.59	29	36.52	44	55.41
Hudson	420	58.81	55	7.70	330	46.21	503	70.44
Hunterdon	5	14.12	5	14.12	48	135.59	50	141.24
Mercer	65	32.91	22	11.14	215	108.86	156	78.98
Middlesex	85	36.75	26	11.24	227	98.14	146	63.12
Monmouth	26	15.93	19	11.64	315	193.01	128	78.43
Morris	29	23.96	5	4.13	127	104.96	81	66.94
Ocean	1	2.69	8	20.50	33	88.71	34	91.39
Passaic	213	66.89	32	10.05	168	52.76	206	64.70
Salem	1	2.71	8	21.68	13	35.23	35	94.85
Somerset	132	184.35	8	11.17	110	153.63	45	62.85
Sussex	54	186.85	7	24.22	47	162.63	34	117.64
Union	47	13.62	17	4.92	239	69.27	197	57.10
Warren	0		11	21.61	6	11.78	38	74.65
State	1788	41.17	444	10.22	5679	130.76	2942	67.74

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REPORTED CASES AND DEATHS FROM MALARIA AND EPIDEMIC CEREBRO-SPINAL
MENINGITIS BY COUNTIES FOR 1937

COUNTIES	MALARIA			EPIDEMIC CEREBRO-SPINAL MENINGITIS				
	Cases	Cases per 100,000 Population	Deaths	Cases	Cases per 100,000 Population	Deaths	Deaths per 100,000 Population	Percent Fatality
Atlantic	4	2.85	0	2	1.42	1	0.71	50.00
Bergen	1	0.23	0	9	2.12	3	0.71	33.33
Burlington	0	....	0	0	....	0	....	....
Camden	1	0.36	0	2	0.72	1	0.36	50.00
Cape May	0	....	0	1	3.00	0	....	....
Cumberland	0	....	0	0	....	0	....	....
Essex	10	1.11	0	32	3.54	9	0.99	28.12
Gloucester	0	....	0	1	1.26	0	....	....
Hudson	0	....	0	23	3.22	13	1.82	56.52
Hunterdon	1	2.82	0	0	....	0	....	....
Mercer	2	1.01	0	3	1.52	2	1.01	66.66
Middlesex	0	....	0	6	2.59	2	0.86	33.33
Monmouth	3	1.84	0	8	4.90	3	1.84	37.50
Morris	1	0.82	0	2	1.65	1	0.82	50.00
Ocean	0	....	0	1	2.69	0	....	....
Passaic	0	....	0	7	2.20	3	0.94	42.85
Salem	0	....	0	1	2.71	0	....	....
Somerset	0	....	0	2	2.79	0	....	....
Sussex	0	....	0	1	3.46	1	3.46	100.00
Union	2	0.58	0	9	2.61	6	1.74	66.66
Warren	2	3.93	0	1	1.96	1	1.96	100.00
State	27	0.62	0	111	2.55	46	1.06	41.44

REPORTED CASES AND DEATHS FROM MEASLES AND GERMAN MEASLES
BY COUNTIES FOR 1937

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	46	32.78	0	....	....	5	3.56	0
Bergen	4060	958.90	3	0.71	0.07	220	51.96	0
Burlington	291	296.94	2	2.04	0.68	9	9.18	0
Camden	271	98.29	0	....	....	43	15.59	0
Cape May	23	69.07	1	3.00	4.34	25	75.07	0
Cumberland	70	95.76	0	....	....	16	21.88	0
Essex	22732	2519.34	23	2.55	0.10	793	87.88	0
Gloucester	53	66.75	0	....	....	3	3.78	0
Hudson	2722	381.18	4	0.56	0.14	23	3.22	0
Hunterdon	38	107.34	0	....	....	1	2.82	0
Mercer	2127	1076.96	2	1.01	0.09	10	5.06	0
Middlesex	296	127.97	0	....	....	13	5.62	0
Monmouth	2798	1714.46	4	2.45	0.14	82	50.24	0
Morris	3087	2551.24	1	0.82	0.03	47	38.84	0
Ocean	536	1440.86	0	....	....	1	2.69	0
Passaic	1823	572.55	3	0.94	0.16	28	8.79	0
Salem	196	531.16	2	5.42	1.02	0	....	0
Somerset	509	710.89	3	4.19	0.59	16	22.34	0
Sussex	229	792.38	0	....	....	18	62.28	0
Union	4206	1219.13	4	1.16	0.09	62	17.97	0
Warren	17	33.40	3	5.89	17.64	0		0
State	46130	1062.17	55	1.26	0.12	1415	32.58	0

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REPORTED CASES AND DEATHS FROM ACUTE ANTERIOR POLIOMYELITIS
AND SCARLET FEVER BY COUNTIES FOR 1937

COUNTIES	ACUTE ANTERIOR POLIOMYELITIS				SCARLET FEVER			
	Cases	Cases per 100,000	Deaths	Deaths per 100,000	Cases	Cases per 100,000	Deaths	Deaths per 100,000
		Population		Population		Population		Population
Atlantic	3	2.13	3	2.13	107	76.26	0	....
Bergen	17	4.01	0	....	564	133.20	1	0.23
Burlington	5	5.10	1	1.02	149	152.04	0	....
Camden	16	5.80	1	0.36	400	145.08	2	0.72
Cape May	4	12.01	0	....	55	165.16	0	....
Cumberland	9	12.31	2	2.73	78	106.70	0	....
Essex	29	3.21	2	0.22	1438	159.37	2	0.22
Gloucester	3	3.78	0	....	184	231.74	0	....
Hudson	32	4.48	4	0.56	414	57.97	2	0.28
Hunterdon	0	....	0	....	48	135.59	0	....
Mercer	3	1.52	2	1.01	490	248.10	3	1.52
Middlesex	2	0.86	1	0.43	266	115.00	1	0.43
Monmouth	4	2.45	1	0.61	196	120.10	1	0.61
Morris	8	6.61	0	....	202	166.94	1	0.82
Ocean	2	5.37	0	....	23	61.82	0	....
Passaic	4	1.25	1	0.31	177	55.59	0	....
Salem	0	....	0	....	50	135.50	0	....
Somerset	4	5.58	1	1.39	84	117.31	0	....
Sussex	0	....	0	....	79	273.35	0	....
Union	13	3.77	4	1.16	507	146.95	2	0.58
Warren	2	3.93	0	....	22	43.22	1	1.96
State	160	3.68	23	0.53	5533	127.40	16	0.37

REPORTED CASES AND DEATHS FROM SMALLPOX AND TUBERCULOSIS
BY COUNTIES FOR 1937

COUNTIES	SMALLPOX				TUBERCULOSIS				
	Cases	Cases per 100,000	Deaths	Deaths per 100,000	Cases	Cases per 100,000	Deaths	Deaths per 100,000	Percent Fatality
		Population		Population		Population		Population	
Atlantic	0	...	0	...	108	76.97	77	54.88	71.29
Bergen	0	...	0	...	260	61.40	147	34.72	56.54
Burlington	0	...	0	...	71	72.45	40	40.81	56.34
Camden	0	...	0	...	266	92.85	106	38.44	40.40
Cape May	0	...	0	...	14	42.04	12	36.03	85.71
Cumberland	0	...	0	...	47	64.29	28	38.30	59.57
Essex	0	...	0	...	1005	111.38	511	56.63	50.84
Gloucester	0	...	0	...	49	61.71	41	51.63	83.67
Hudson	0	...	0	...	770	107.83	377	52.79	48.96
Hunterdon	0	...	0	...	28	79.09	12	33.90	42.85
Mercer	0	...	0	...	237	120.00	127	64.30	53.58
Middlesex	0	...	0	...	279	120.62	97	41.93	34.76
Monmouth	0	...	0	...	193	118.26	77	47.18	39.89
Morris	0	...	0	...	146	120.66	45	37.19	30.82
Ocean	0	...	0	...	31	83.33	23	61.83	74.19
Passaic	0	...	0	...	319	100.19	134	42.08	42.00
Salem	0	...	0	...	31	84.01	23	62.33	74.19
Somerset	0	...	0	...	88	122.90	45	62.83	51.13
Sussex	0	...	0	...	26	89.96	11	38.06	42.31
Union	0	...	0	...	293	84.92	158	40.00	47.10
Warren	0	...	0	...	34	66.79	20	39.29	58.82
State	0	...	0	...	4285	98.66	2091	48.14	48.80

DEPARTMENT OF HEALTH

REPORTED CASES AND DEATHS FROM TYPHOID FEVER AND WHOOPING COUGH
BY COUNTIES FOR 1937

COUNTIES	TYPHOID FEVER				WHOOPING COUGH			
	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	18	12.83	2	1.42	107	76.26	1	0.71
Bergen	13	3.07	2	0.47	877	207.13	2	0.47
Burlington	9	9.18	2	2.04	179	182.65	3	3.06
Camden	37	13.42	2	0.72	281	101.92	7	2.54
Cape May	2	6.00	0	....	104	312.31	0	....
Cumberland	2	2.73	0	....	74	101.23	0	....
Essex	23	2.55	5	0.55	2017	223.54	12	1.33
Gloucester	6	7.53	1	1.26	39	49.12	1	1.26
Hudson	5	0.70	1	0.14	255	35.71	4	0.56
Hunterdon	1	2.82	0	....	17	48.02	0	....
Mercer	4	2.02	0	....	202	102.28	8	4.05
Middlesex	11	4.75	0	....	83	35.88	4	1.73
Monmouth	20	12.25	6	3.67	203	124.38	2	1.22
Morris	1	0.82	0	....	78	64.46	0	....
Ocean	3	8.06	1	2.69	57	153.22	0	....
Passaic	8	2.51	0	....	319	100.19	1	0.31
Salem	2	5.42	0	....	4	10.84	0	0.00
Somerset	6	8.38	1	1.39	36	50.28	1	1.39
Sussex	2	6.92	1	3.46	2	6.92	0	....
Union	8	2.32	1	0.29	612	177.39	2	0.58
Warren	1	1.96	0	....	10	19.64	0	....
State	182	4.19	25	0.57	5556	127.93	48	1.10

REPORTED CASES AND DEATHS FROM MUMPS, LETHARGIC ENCEPHALITIS, UNDULANT
FEVER, TETANUS AND TRICHINOSIS BY COUNTIES FOR 1937

COUNTIES	MUMPS		LETHARGIC ENCEPHALITIS		UNDULANT FEVER		TETANUS		TRICHINOSIS	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Atlantic	169	0	0	1	0	0	0	0	0	0
Bergen	1694	0	1	2	0	0	1	0	1	0
Burlington	30	0	1	1	5	0	0	0	0	0
Camden	103	0	0	0	2	0	1	4	0	0
Cape May	67	0	0	0	1	0	0	0	0	0
Cumberland	25	0	1	1	1	0	0	1	0	0
Essex	3005	0	9	3	6	0	5	3	0	0
Gloucester	18	0	0	0	8	0	0	0	0	0
Hudson	107	0	2	5	3	0	0	0	0	0
Hunterdon	8	0	0	1	1	0	0	0	0	0
Mercer	108	0	0	0	1	0	3	3	0	0
Middlesex	145	0	0	1	0	0	0	0	0	0
Monmouth	357	0	1	0	9	0	2	1	2	0
Morris	454	0	3	0	11	0	1	1	0	0
Ocean	2	0	1	0	4	0	0	0	1	0
Passaic	738	0	2	6	0	0	0	0	2	0
Salem	21	0	0	1	4	0	0	1	0	0
Somerset	56	0	0	0	2	0	0	0	1	1
Sussex	77	0	2	1	3	0	0	0	0	0
Union	811	0	2	2	3	0	1	3	0	0
Warren	4	0	0	0	3	0	0	0	6	0
State	7999	0	25	25	67	0	14	17	13	1

LOCAL HEALTH ADMINISTRATION

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REPORTED CASES AND DEATHS FROM MISCELLANEOUS DISEASES FOR THE YEAR 1937

DISEASE	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Anthrax	4	0	0	0	4	0
Malaria	22	0	5	0	27	0
Ophthalmia Neonatorum	81	0	47	0	128	0
Rabies	1	1	0	0	1	1
Smallpox	0	0	0	0	0	0
Tularemia	4	0	1	0	5	0
Typhus Fever	1	1	1	0	2	1

Report of the Bureau of Engineering

For the Year Ending June 30, 1938

H. P. CROFT, CHIEF ENGINEER

This report deals with the following :

- No. 1—Number of water and sewage projects examined and approved from July 1, 1937, to June 30, 1938.
- No. 2—Federal aid in the construction of water and sewage projects.
- No. 3—Federal aid for increased personnel.
- No. 4—Chart showing progress in sewage disposal in the State of New Jersey—1890 to 1938.
- No. 5—Inspections made and certain actions taken during the year.
- No. 6—Court Decisions: Englewood Cliffs Sewerage and Drainage Company; Borough of Hasbrouck Heights; George B. Rollings, Hamilton Township; City of South Amboy; Van Raalte Company, Inc., Boonton; City of Cape May.
- No. 7—The Interstate Commission on the Delaware River Basin (Incode); "Agreement for the Correction and Control of Pollution of the Waters of the Interstate Delaware River."
- No. 8—The sanitary survey of the Raritan River and its tributaries.

- No. 9—"A policy established for the prevention of the pollution of the waters of the Barnegat Bay and its tributaries, being waters of this State."
- No. 10—"Preamble and resolution establishing a policy for the prevention of the pollution of the waters of Manalapan Creek and its tributaries, being waters of this State."
- No. 11—The bacteriological quality for a safe drinking and culinary water; preamble and resolution adopted on January 12, 1937.
- No. 12—New water supplies established from July 1, 1936, to June 30, 1938.
- No. 13—Water supplies removed from list of public potable water supplies from July 1, 1936, to June 30, 1938.
- No. 14—Public water supplies abandoned from July 1, 1935, to June 30, 1938.
- No. 15—Supervision and installation of cross connections—Chapter 13 of the State Sanitary Code.
- No. 16—Examination of water supplies from private supplies.
- No. 17—Water supplies at rural schools.
- No. 18—Establishment of factories on watersheds.

BUREAU OF ENGINEERING

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No. 1

NUMBER OF WATER AND SEWAGE PROJECTS EXAMINED AND APPROVED FROM
JULY 1, 1937, TO JUNE 30, 1938

<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>				
Sewer systems, partial	49	38	135	\$603,945.78
Alterations and additions to sewage treatment works	33	29	195	1,803,125.34
Sewage treatment works, systems and ap- purtenances, new	2	2	55	256,854.07
<i>Water:</i>				
New systems and supplies	8	8	30	121,662.32
Alterations, improvements and additions to water works	38	36	73	257,195.00
Totals	130	113	488	\$3,042,782.51
Total of engineers' estimates of costs for the fiscal year ending June 30, 1937				\$6,357,788.33

No. 2—FEDERAL AID IN THE CONSTRUCTION OF WATER AND SEWAGE PROJECTS

DOCKET NUMBER	LOCATION	TYPE OF PROJECT	ALLOTMENT			DATE ALLOTMENT APPROVED			CON- STRUCTION STARTED			REPORTED PROJECT COSTS TO DATE				CON- STRUCTION COMPLETED		
			Loan	Grant	Total	Month	Day	Year	Month	Day	Year	Date		Amount	% Com- pleted	Month	Day	Year
												Month	Year					
164	E. Brunswick	Watermains ...	\$55,000	\$20,000	\$75,000	7	13	3	8	6	4	11	4	\$72,791	100	10	31	4
1023	Camden	Wt. Wks. Imp.	93,100	30,900	124,000	11	7	4	3	11	5	8	5	118,108	100	8	16	5
1024	Vineland	Water Works ...	27,200	7,800	35,000	10	27	3	2	7	4	6	4	33,669	100	7	25	4
2398	Williamstown	Water Works ...	.....	8,500	8,500	11	21	4	8	5	5	5	6	25,080	100	5	9	6
2675	New Brunswick ...	Water Works ...	183,000	58,953	241,953	9	20	4	11	20	4	6	6	236,933	100	6	3	6
3639	Cape May	Water Works ...	36,200	10,800	47,000	7	18	4	11	22	4	9	5	48,425	100	8	26	5
3863	Bayonne	Watermains ...	115,000	50,000	165,000	6	20	4	8	12	5	1	6	169,445	100	1	16	6
3869	Irvington	Watermains ...	.....	4,400	4,400	11	7	4	6	27	5	6	6	17,993	100	5	12	6
5306	Sayreville	Water Works ...	14,500	5,500	20,000	6	20	4	11	13	5	12	5	16,339	100	12	11	5
5767	Brielle	Water Works ...	29,800	10,200	40,000	11	7	4	12	4	5	1	7	39,880	100	12	3	6
6753	Totowa	Water Works ...	.....	5,000	5,000	6	20	4	10	2	4	6	5	12,173	100	6	29	5
6960	Florham Park	Water Works ...	8,000	3,000	11,000	6	20	4	11	18	4	3	5	10,575	100	3	29	5
8190	Ramsey	Reservoir .....	.....	2,700	2,700	6	20	4	10	15	4	12	4	8,973	100	12	20	4
7483	Ocean Gate	Water Works ...	69,000	54,819	123,819	8	19	5	12	17	5	10	6	121,839	100	10	28	6
W1068	Newfield	Watermains ...	.....	34,343	34,343	9	12	5	3	9	6	9	6	76,407	100	9	19	6
W1150	Point Pleasant ...	Water Works ...	46,000	37,636	83,636	9	25	5	2	24	6	9	7	88,674	100	2	24	7
W1151	Trenton	Watermain .....	.....	290,149	290,149	9	25	5	2	6	11	6	6	647,179	100	10	23	6
W1224	Matawan Twp.	Watermains ...	32,000	25,926	57,926	11	15	5	4	20	6	10	6	58,383	100	10	6	7
W1081	Rockyhill	Water Works ...	31,000	23,363	56,363	9	8	6	11	23	6	10	7	56,363	100	10	16	7
W1096	Andover	Watermains ...	.....	22,500	22,500	11	15	5	3	30	6	2	7	59,618	100	11	20	6
W1195	Wanaque Boro.	Water Works ...	.....	8,181	8,181	10	6	6	1	2	7	11	7	7,494	48	1	11	8
W1213	Spotswood	Water Works ...	36,900	29,454	65,454	11	17	6	3	23	7	8	7	64,642	100	8	12	7
W1282	Trenton	Water Works ...	.....	121,500	121,500	10	24	6	12	28	6	10	7	249,258	96	10	20	7

SEWAGE

882	Bernardsville	San. Sewer	\$50,000	\$11,274	\$61,274	10	3	3	1	29	4	10	4	\$59,591	100	10	24	4
985	Glen Rock	San. Sewer	17,200	4,800	22,000	11	23	3	3	21	4	10	4	25,656	100	10	17	4
1748	Perth Amboy	Disp. Plant	662,000	239,000	921,000	11	21	3	4	25	4	10	5	926,435	100	10	31	5
2663	Rockaway	San. Sewer	151,600	44,400	196,000	12	28	3	4	10	4	8	5	219,131	100	8	15	5
2991	Morris Plains	Storm Sewer	22,100	9,900	32,000	12	28	3	7	16	4	5	5	39,554	100	5	31	5
3839	Union Co.	Disp. Plant	245,000	141,000	386,000	7	18	4	11	21	5	7	7	477,759	100	5	27	7

3842	Hillside	Disp. Plant	252,000	77,000	329,000	7	18	4	9	18	5	7	7	295,774	100	4	7
4206	Audubon	San. Sewer	24,700	9,669	34,369	11	7	4	6	28	5	12	5	33,984	100	12	24
4667	Fanwood	Comb. Sewer	46,700	18,300	65,000	6	20	4	9	7	4	7	5	53,826	100	7	31
7447	Camden Co.	Disp. Plant		40,000	40,000	11	21	4	10	21	5	8	6	139,322	100	8	15
7484	Ridgewood	Disp. Plant		37,500	37,500	6	20	4	9	25	6	8	7	164,705	100	7	1
7626	Verona	Disp. Plant	139,100	51,900	191,000	6	20	4	6	24	5	10	6	182,026	100	9	11
8212	Island Heights	Disp. Plant	49,800	16,200	66,000	11	7	4	8	26	5	5	6	55,157	100	5	13
8955	Bradley Beach	Disp. Plant	38,700	15,300	54,000	11	7	4	6	6	5	11	5	44,926	100	11	21
6534	Highland Park	Disp. Plant	145,000	119,045	264,045	7	9	5	1	6	6	12	6	266,373	100	11	30
7947	Metuchen	Disp. Plant	58,000	47,431	105,431	7	9	5	12	20	5	9	6	106,608	100	9	15
8175	New Brunswick	Disp. Plant		225,000	225,000	7	9	6	12	16	5	7	7	498,242	100	10	23
9656	Keyport	Disp. Plant	28,000	22,256	50,256	8	5	5	1	13	6	9	6	49,547	100	9	12
W1005	New Providence	Disp. Plant		151,364	151,364	11	15	5	6	8	6	12	7	334,691	100	8	30
W1049	Linden	San. Sewer		129,273	129,273	8	5	5	1	13	6	9	7	331,879	100	6	1
W1063	Manville	Disp. Plant	154,000	138,150	292,150	9	12	5	4	1	6	6	7	312,194	100	3	10
W1086	Pitman	Disp. Plant		14,400	14,400	9	12	5	1	21	6	8	6	32,460	100	8	15
W1118	Plainfield Jt. Mt.	Disp. Plant		28,636	28,636	11	15	5	3	28	6	3	7	84,701	100		
W1178	Bayhead	San. Sewer		9,137	9,137	11	15	5	4	1	6	8	6	20,331	100	8	14
W1207	Rahway	San. Sewer		186,300	186,300	7	21	6	9	24	6	11	7	412,829	100		
W1233	South River	Disp. Plant		63,000	63,000	7	21	6	1	2	7	11	7	176,739	95	11	29
W1242	Florence	San. Sewer		94,090	94,090	10	2	6	1	11	7	11	7	223,740	100	10	13
W1259	Moorestown	San. Sewer		16,363	16,363	7	21	6	10	1	6	5	7	37,505	100	3	13
W1303	Hamilton Twp.	Comb. Sewer		23,040	23,040	5	12	7	6	1	7	12	7	54,910	100	11	4
W1105	Middlesex Boro.	Disp. Plant		247,909	247,909	10	20	6	1	11	7	11	7	523,633	96		
W1111	Bound Brook	Disp. Plant		108,000	108,000	7	21	6	10	1	6	11	7	184,261	67		
W1185	Flemington	Disp. Plant		29,454	29,454	10	6	6	1	8	7	11	7	66,452	95		
W1234	Boro. Sayreville	Disp. Plant		103,090	103,090	7	21	6	1	16	7	11	7	196,414	63		
W1240	Somerville	Disp. Plant		94,909	94,909	10	6	6	1	11	7	11	7	171,521	74		
W1241	Raritan	Disp. Plant		118,636	118,636	10	2	6	1	11	7	11	7	125,600	48		
W1217	Woodbridge	Disp. Plant		81,000	81,000	8	26	7	12	12	7						
W1289	Raritan Twp.	Disp. Plant		45,000	45,000	8	26	7									

No. 3—FEDERAL AID FOR INCREASED PERSONNEL

The permanent personnel of the Bureau consists of a chief engineer, two (2) senior sanitary engineers, seven (7) assistant sanitary engineers, two (2) watershed inspectors, one (1) assistant chemist, one (1) principal clerk, one (1) senior clerk-stenographer, and eight (8) clerk-stenographers. By virtue of the financial aid granted by the Federal Government, it enabled this bureau during the current fiscal year to expand its personnel to include, in addition to the above, one (1) sanitary engineer-chemist, and three (3) assistant sanitary engineers.

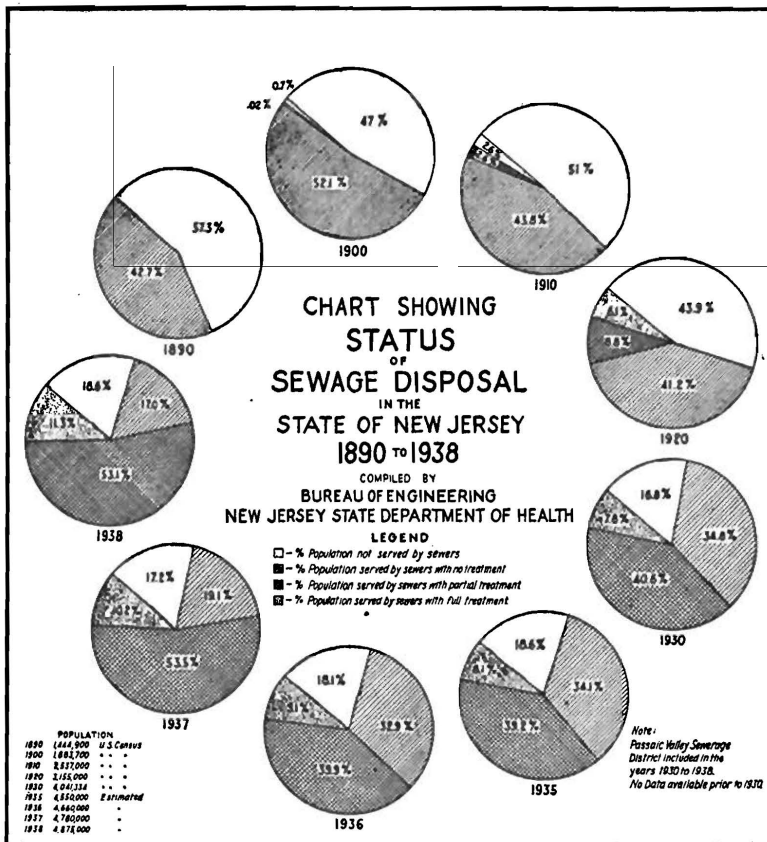
This increase in personnel permitted the Bureau to carry on a more intensive investigation and study of the methods of the disposal of the industrial wastes in the Raritan River, which investigations and studies are greatly assisting toward the completion of the program which was initiated several years past by the department in its efforts to cause the abatement of the pollution of the Raritan River.

In addition, the Bureau found it possible to take more active part in the investigation and study of the pollution of the Delaware River, which was conducted by the Interstate Commission on the Delaware River Basin, a commission created by the mutual actions of the States of New York, Pennsylvania, and New Jersey—Delaware cooperating.

The increase of the personnel has further proved of valuable aid to the Bureau in its examination of the sewerage and water projects submitted to the department for approval, a pronounced influx of which projects was occasioned by the Federal grants and loans made available to New Jersey municipalities for the construction of such public works.

BUREAU OF ENGINEERING

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No. 5

INSPECTIONS MADE AND CERTAIN ACTIONS TAKEN DURING THE YEAR

Special water inspections	207
Water complaints, conferences, hearings and meetings	59
Routine water inspections	49
Watershed surveys	3
Water sample collections	98
Sewage complaints, meetings, conferences and hearings	69
Special sewage inspections	192
Routine sewage inspections	2
Gage installation, repair and removal	17
Creamery wastes, distillery wastes, industrial wastes, dairy wastes, laundry wastes, factory wastes and fishery inspections	31
Dam inspection	1
Trade waste inspections	7
Railroad certification inspections	7
Experimental laboratory inspection	2
Cross connections, investigation of	2
Watershed surveys	2
Sewage sample collections	2

Sixty-eight man-working days were spent in the collection of samples from stream sampling stations; 15 days were spent in attending court trials and serving court papers; 187½ days were spent in attending meetings, hearings and conferences; 60½ man-working days were spent in collecting surf samples along the North Jersey coast; 32¼ man-working days were spent in stream survey work, and 364 working days were spent in special river investigations.

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

Atlantic City	9
East Rutherford	1
Elizabeth Joint Meeting of Union and Essex Counties	13¾
Englewood	½
Leonia	8
North Brunswick Township	14½
Palisades Park	¾
Perth Amboy	8
Raritan	12½
Ridgefield	5½
Ridgefield Park	2
Teaneck Township	9½
Verona	4

BUREAU OF ENGINEERING

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

Barnegat Bay	North River
Big Timber Creek	North Run
Cheesequake Creek	Overpeck Creek
Crooked Brook	Passaic River
Crosswicks Creek	Patex Pond
Delaware River	Peapack Brook
Elizabeth River	Peckman River
Hackensack River	Rahway River
Hohokus Creek	Raritan River
Manalapan Brook	Shark River
Matchaponix Brook	Sprouts Brook
Maurice River	Stony Brook
Millstone River	Thornton Run
Molly Ann Brook	West Branch of Elizabeth River
Musconetcong River	Woodstock Lake
North Branch of Raritan River	Woolsey's Creek

Stream pollutions investigated	60
Notices issued to cease stream pollution	32
Cases of stream pollution found to be abated	20
Cases referred to the Attorney General for prosecution	15
Notices issued upon municipalities or sewer companies to cease discharge of insufficiently treated sewage and to expand and/or intensify the method of treatment	10
Notices issued upon municipalities or companies to immediately construct sewage works	15
Notices issued upon municipalities or water companies to improve water supplies	7
Resolution for prevention of pollution of waters of Barnegat Bay and its tributaries	1
Resolution disapproving application of company for approval of plans for auxiliary source of power for chlorine feeder at water plant	1
Resolution adopted in which supply is not considered a public potable water supply	1
Resolution adopted rescinding approval of plans or order of department	8
Resolution adopted approving method of sewage treatment	2
Resolution adopted holding in abeyance notice adopted	3
Resolution adopted approving preliminary plans for sewerage treatment works....	1
Resolution adopted requesting Attorney General to hold action in abeyance.....	1
Resolution adopted approving plans and specifications for sewage treatment works and/or water treatment works	3
Resolution adopted approving application of chlorine to water supply	1
Resolution adopted giving permission to discontinue application of chlorine.....	1
Resolution adopted removing water system from list of public potable water supplies	1

No. 6—COURT DECISIONS

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

Department of Health *vs.* Englewood Cliffs Sewerage and Drainage Co. The company was ordered by the department to cease the pollution of the waters of the Hudson River by discharging untreated sewage and polluting matter from the sewerage system and make such other disposition of its sewage and other polluting matter as shall be approved by the department. This case was instituted under the provisions of Chapter 72, P. L. of 1900 (now known as Section 58:12-2 to 58:12-39). The Final Decree in this cause is:

IN CHANCERY OF NEW JERSEY.

<i>Between</i>		
DEPARTMENT OF HEALTH OF THE STATE OF NEW JERSEY,	<i>Complainant,</i>	} On Bill, &c. Final Decree.
<i>and</i>		
ENGLEWOOD CLIFFS SEWERAGE AND DRAINAGE COM- PANY, a Corporation of the State of New Jersey,	<i>Defendant.</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 the pleadings, proofs and exhibits having been read and considered and the argument of counsel having been heard, and the Chancellor having considered the same and it appearing that the complainant is entitled to the relief sought and prayed for in its bill of complaint;

IT IS on this sixth day of April, A. D. 1938, 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 Englewood Cliffs Sewerage and Drainage Company, a corporation of the State of New Jersey, its officers, servants, employees and agents, commanding the said defendant, its officers, servants, employees and agents on and after the eighteenth day of May, A. D. 1938, to forthwith cease the pollution of the waters of the Hudson River by discharging therein untreated sewage and other polluting matter at a boat basin known as the Englewood Boat Basin from the sewerage system owned and operated by said defendant, Englewood Cliffs Sewerage and Drainage Company, a corporation of the State of New Jersey, in the Borough of

Englewood Cliffs, in the County of Bergen and State of New Jersey, and make such other disposition of its sewage and other polluting matter as shall be approved by the Department of Health of the State of New Jersey.

Respectfully advised,

LUTHER A. CAMPBELL.

WM. J. BACKES,
A. M.

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

Department of Health *vs.* Borough of Hasbrouck Heights. The municipality was ordered by the department to cease the pollution of the waters of Riser Ditch, a tributary of Berry's Creek and the Hackensack River and to improve its sewage treatment plant. This case was instituted under the provisions of Chapter 72, P. L. of 1900 (now known as Section 58:12-2 to 58:12-39). The Final Decree in this cause is:

IN CHANCERY OF NEW JERSEY.

<i>Between</i>	}	
DEPARTMENT OF HEALTH OF THE STATE OF NEW JERSEY,	<i>Complainant,</i>	On Bill, &c. Final Decree.
<i>and</i>		
BOROUGH OF HASBROUCK HEIGHTS, a Municipal Corporation of the State of New Jersey,	<i>Defendant.</i>	

This matter being opened to the Court by Robert Peacock, Esquire, appearing for David T. Wilentz, Attorney General, of counsel with complainant, and Ralph W. Chandless, Esquire, appearing for Messrs. Chandless, Weller and Selser, of counsel with defendant, 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; and it further appearing that the parties hereto desire to consent to the entry of the following decree (as will appear by their consent in writing appended hereto);

IT IS on this tenth day of November, A. D. 1937, 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 Hasbrouck Heights, a municipal corporation of the State of New Jersey, in the County of Bergen and State of New Jersey, commanding it on and after the ninth day of May, A. D. 1938, its

DEPARTMENT OF HEALTH

officers, servants, and agents to forthwith cease the pollution of the waters of Riser Ditch, a tributary of Berry's Creek and the Hackensack River, by permitting the discharge therein of improperly, inadequately and insufficiently treated domestic sewage from its municipally owned and operated sewage treatment plant, and, further, to improve its said municipally owned and operated sewage treatment plant in accordance with the requirements of the rules and regulations as revised and adopted by the Department of Health of the State of New Jersey on August 11, 1925.

Respectfully advised,

We consent to the above decree.

DAVID T. WILENTZ,

Attorney General of New Jersey,

Solicitor for and of Counsel with Complainant.

CHANDLESS, WELLER & SELSER,

Solicitors for and of Counsel with Defendant.

Department of Health vs. George B. Rollings, Groveville, New Jersey. Mr. Rollings was ordered by the department to cease the distribution and sale of water to consumers for potable purposes until said water is treated and purified by devices and means acceptable to the department. This case was instituted under the provisions of Chapter 253, P. L. of 1909 (now known as Sections 58:11-1 to 58:11-6 and 1:1-2). The Final Decree in this cause is:

IN CHANCERY OF NEW JERSEY.

Between

THE STATE OF NEW JERSEY, at the relation of the Department of Health of the State of New Jersey,

Complainant,

and

GEORGE B. ROLLINGS,

Defendant.

On Bill, &c.
Final Decree.

This cause coming on to be heard in the presence of Robert Peacock, Esquire, appearing for David T. Wilentz, Attorney General, of counsel with complainant, and the pleadings, proofs and exhibits having been read and considered and the argument of counsel having been heard, and the Chancellor having considered the same, and it appearing that the complainant is entitled to the relief sought and prayed for in its bill of complaint;

IT IS on this twentieth day of December, A. D. 1937, 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 George B. Rollings commanding the said defendant on and after the thirtieth day of December, A. D. 1937 to immediately cease the distribution and sale to consumers of water for potable purposes until said water is treated and purified by devices and means acceptable to the Department of Health of the State of New Jersey, and further commanding said defendant on and

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after the thirtieth day of December, A. D. 1937, to desist and refrain from anywise violating the provisions of Chapter 253 of the Laws of 1909.

Respectfully advised,

LUTHER A. CAMPBELL,
C.

WM. J. BACKES,
A. M.

Department of Health *vs.* City of South Amboy. The municipality was ordered by the department to cease the pollution of the waters of the Raritan River and Raritan Bay and to make such disposition of its sewage as shall be approved by the department. This case was instituted under the provisions of Chapter 72, P. L. of 1900 (now known as Sections 58:12-2 to 58:12-39). The Final Decree in this cause is:

IN CHANCERY OF NEW JERSEY.

Between

THE DEPARTMENT OF HEALTH OF THE STATE OF NEW
JERSEY,

Complainant,

and

THE CITY OF SOUTH AMBOY,

Defendant.

On Bill, &c.
Final Decree.

This cause coming on to be heard in the presence of David T. Wilentz, Attorney General of the State of New Jersey and Solicitor for the complainant, and of Russell E. Watson, of counsel, and of John P. McGuire, Solicitor for the defendant, and the defendant consenting hereto.

IT IS, on this eleventh day of October, 1937, by Luther A. Campbell, Chancellor of the State of New Jersey, ORDERED, ADJUDGED AND DECREED that a writ of mandatory injunction issue out of and under the seal of this Court directed to the said defendant, the City of South Amboy, commanding and enjoining it to cease the pollution of the waters of Raritan River and Raritan Bay by permitting raw domestic sewage to flow therein from its sewer lines and to make such disposition of its sewage as shall be approved by the complainant.

Respectfully advised,

MALCOLM G. BUCHANAN,
V. C.

The making of the foregoing Final Decree is hereby consented to.

DAVID T. WILENTZ,
Attorney General of the State of New Jersey.

RUSSELL E. WATSON,
*Special Counsel Assigned to the Complainant by
the Attorney General, Solicitor and of Counsel
with Complainant.*

JOHN P. MCGUIRE,
Solicitor for Defendant.

Department of Health *vs.* Van Raalte Company, Inc. The company was ordered by the department to immediately desist and refrain from permitting and allowing domestic refuse and other polluting matter to be discharged into the waters of Crooked Brook, a tributary of the Rockaway River. This case was instituted under the provisions of Chapter 229, P. L. of 1918 (now known as Sections 58:10-1, 58:10-2 and 58:10-4). The Final Decree in this cause is:

IN CHANCERY OF NEW JERSEY.

<i>Between</i>		
STATE OF NEW JERSEY, at the Relation of the Department of Health of the State of New Jersey,	<i>Complainant,</i>	} On Bill, &c. Final Decree.
<i>and</i>		
VAN RAALTE COMPANY, INC., a Corporation of the State of New Jersey,	<i>Defendant.</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 the pleadings, proofs and exhibits having been read and considered and the argument of counsel having been heard, and the Chancellor having considered the same and it appearing that the complainant is entitled to the relief sought and prayed for in its bill of complaint;

IT IS on this seventeenth day of March, A. D. 1938, 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 Van Raalte Company, Inc., a corporation of the State of New Jersey, its officers, servants, employees and agents, commanding the said defendant, its officers, servants, employees and agents on and after the eighteenth day of April, A. D. 1938 to immediately desist and refrain from permitting and allowing domestic refuse and other polluting matter to be discharged from premises owned and occupied by said defendant, Van Raalte Company, Inc., on Myrtle Avenue, in the Town of Boonton, County of Morris and State of New Jersey, into the waters of Crooked Brook, a tributary of the Rockaway River, above the point from which the Passaic Valley Water Commission obtains a supply of water for the domestic use of inhabitants of this State in violation of the provisions of the first section of an act entitled "An act to secure the purity of the public supplies of potable water in this State," approved March seventeenth, one thousand eight hundred and ninety-nine, as amended.

Respectfully advised,

LUTHER A. CAMPBELL,
C.

WM. J. BACKES,
A. M.

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

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Department of Health *vs.* City of Cape May. The municipality was ordered by the department to cease the pollution of the waters of Delaware Bay by permitting untreated sewage to be discharged therein through breaks in its sewage outfall force main, and to dispose of said sewage in a manner satisfactory to the Department of Health of the State of New Jersey. This case was instituted under the provisions of Chapter 72, P. L. of 1900 (now known as Sections 58:12-2 to 58:12-39). The Final Decree in this cause is:

IN CHANCERY OF NEW JERSEY.

Between

DEPARTMENT OF HEALTH OF THE STATE OF NEW
JERSEY,

Complainant,

and

CITY OF CAPE MAY, a Municipal Corporation of the
State of New Jersey,

Defendant.

On Bill, &c.
Final Decree.

This matter being opened to the Court by Robert Peacock, Esquire, appearing for David T. Wilentz, Attorney General, of counsel with complainant, and the pleadings, proofs and exhibits having been read and considered, and the argument of counsel having been heard, and the Chancellor having considered the same, and it appearing that the complainant is entitled to the relief sought and prayed for in its bill of complaint,

IT IS on this second day of September, A. D. 1937, 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 City of Cape May, a municipal corporation of the State of New Jersey, commanding the said defendant on and after the fifteenth day of December, A. D. 1937, its officers, servants, employees and agents, to forthwith cease the pollution of the waters of Delaware Bay by permitting untreated sewage to be discharged therein through breaks in its sewage outfall force main, and to dispose of said sewage in a manner satisfactory to the Department of Health of the State of New Jersey.

Respectfully advised,

LUTHER A. CAMPBELL,
C.

WM. J. BACKES,
A. M.

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

NO. 7—THE INTERSTATE COMMISSION ON THE DELAWARE RIVER BASIN
(INCODEL); "AGREEMENT FOR THE CORRECTION AND
CONTROL OF POLLUTION OF THE WATERS OF THE
INTERSTATE DELAWARE RIVER"

"There has always been sharp conflict between the federal government and the States for control of interstate streams. Under the aegis of the Council of State Governments, Delaware, New Jersey, Pennsylvania and New York have set up the Interstate Commission on the Delaware River. It has already established uniform regulations for maintaining the purity of the last great unexploited drinking-water supply in the East: new industrial plants must treat their wastes; and cities discharging sewage into the stream must build treatment plants to meet the standard requirements set by the Commission. Meanwhile, consideration is being given to a long-range program of power, flood control, recreation and industrial use. An aim less openly avowed is to forestall federal control." *

The Delaware River is an interstate stream and its drainage area consists of parts of New York, Pennsylvania, New Jersey and Delaware.

The New Jersey Commission on Interstate Co-Operation was established by Chapter 21, P. L. 1936 (Section 52:9B-1 through 52:9B-8 of the Revised Statutes). The Interstate Commission on the Delaware River Basin was organized by, and derives its authority from, the Commissions on Interstate Co-Operation (articles of organization as revised October 2, 1936); and, as its first objective, the said commission recommended "that a program be evolved for the abatement of pollution of the Delaware River."

The Interstate Commission on the Delaware River Basin (IncodeL) appointed in March, 1937, an engineering sub-committee on the quality of the Delaware River waters, composed of the chief engineers of the Health Departments of Delaware, New Jersey, New York and Pennsylvania; and, the said committee was charged: with the responsibility of collecting data on the present and probable future uses and condition of the waters of the Delaware, with recommending standards of cleanliness for the water of the river, and with prescribing the quality of sewage and industrial waste effluents permitted to be discharged therein. The Engineering Sub-Committee on Quality—assisted by their associates—submitted its final report to IncodeL in May, 1938.

* From "The States Put Their Heads Together" by Marc A. Rose, Current History, May, 1938.

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The Members of the Interstate Commission on the Delaware River Basin, at a meeting held on May 21, 1938, adopted an "Agreement for the Correction and Control of Pollution of the Waters of the Interstate Delaware River." The said agreement is as follows:

"AGREEMENT FOR THE CORRECTION AND CONTROL OF POLLUTION OF THE WATERS OF THE INTERSTATE DELAWARE RIVER

Whereas, A substantial part of the territory of the States of New York, New Jersey, Pennsylvania and Delaware is situated within the Delaware River drainage basin; and

Whereas, The increase in the population of the various municipal areas situated within the Delaware River Basin, and the growth of industrial activity within the Basin, have resulted in increasingly serious pollution of the waters of the interstate Delaware River and its tributaries; and

Whereas, Such pollution constitutes a grave menace to the health, welfare, and recreational facilities of the people living in the Delaware River Basin, and occasions great economic loss; and

Whereas, The control of future pollution and the correction of existing pollution of the waters of the interstate Delaware River and its tributaries is of prime importance to the people living in the Delaware River Basin and can best be accomplished through the cooperation of the representatives of the people in the Basin, in the States of New York, New Jersey, Pennsylvania and Delaware;

Now therefore, the State of New York and the State of New Jersey and the Commonwealth of Pennsylvania and the State of Delaware agree and are bound as follows:

ARTICLE I

INTERSTATE COOPERATION

Each of the signatory States pledges to each of the other signatory States faithful cooperation in the control of future pollution and in the correction of existing pollution of the waters of the interstate Delaware River and its West Branch from the New York-Pennsylvania boundary line down to the Atlantic Ocean. In order to effect such objects, each of the States agrees to enact adequate legislation, if necessary, to enable each such State so to require the treatment of sewage, industrial waste or other artificial polluting matter as to place and maintain the waters of the aforesaid interstate Delaware River, and of the tributaries thereof just above the confluence with the Delaware River, in the clean and sanitary condition required by the provisions of this agreement. Furthermore, each such State agrees so to enforce the provisions of these requirements, and other supplementary applicable legislation, if any, as to bring about the attainment of the objectives of pollution control and correction in accordance with such reasonable and effective programs as may be determined from time to time by the States in the manner prescribed herein.

DEPARTMENT OF HEALTH

ARTICLE II

CLASSIFICATION OF ZONES

It is recognized by the signatory States that due to such variable factors as location, size, character, and flow, and of the many varied uses of the waters of the interstate Delaware River and its aforesaid West Branch, such as water supply, recreation, navigation, industrial developments, maintenance of fish life, shellfish culture, agriculture, and other purposes, that no single standard of sewage and waste treatment and of quality of receiving waters is practical for all parts of the River. Therefore, in order to apply minimum requirements for the attainment of correction and control of pollution which will be appropriate to the varied factors including the existing and potential quality and uses of the waters, the interstate Delaware River is hereby divided into four zones, to wit:

ZONE 1

Zone 1 is that part of the Delaware River and its West Branch extending from the New York-Pennsylvania boundary line to the head of tidewater at Trenton, New Jersey, and Morrisville, Pennsylvania.

The drainage basin contributory to this zone, excepting part of the Lehigh River Basin, is relatively sparsely inhabited and contains few sewered communities and relatively few industrial establishments producing waste water. The streams draining this area being, in general, relatively clean and of high elevation, are well adapted as sources of public water supplies, after treatment or purification.

The principal uses of the waters of the Delaware River in Zone 1 are expected to be for water supply after such treatment or purification as may be necessary, and for recreation, bathing, maintenance of fish and aquatic life, agriculture, and for other related purposes.

ZONE 2

Zone 2 is that part of the Delaware River extending from the head of tidewater at Trenton, New Jersey, and Morrisville, Pennsylvania, to a line drawn perpendicular to the channel of the Delaware River from the mouth of Pennypack Creek in Philadelphia, Pennsylvania, to the corresponding point on the New Jersey shore.

The drainage basin contributory to this zone is somewhat more densely populated than that of Zone 1, and it contains more sewered communities and industrial establishments.

The principal uses of the waters of the Delaware River in Zone 2 are expected to be for water supply, after treatment or purification, and for recreation, navigation, maintenance of fish and aquatic life, agricultural, industrial and other purposes.

ZONE 3

Zone 3 is that part of the Delaware River extending from the aforesaid line connecting the mouth of Pennypack Creek in Philadelphia and the corresponding point in New Jersey to the Pennsylvania-Delaware boundary line.

The drainage basin contributory to this zone contains populous metropolitan areas including Philadelphia, Pennsylvania and Camden, New Jersey.

The principal uses of the waters of the Delaware River in Zone 3 are expected to be for navigation, industrial water supply, and other purposes.

The water in this zone, however, should be of such sanitary quality that it will not be unfit for use as sources of water supply, will not be harmful to fish life, and will not adversely affect the quality of the waters of the tidal tributaries.

ZONE 4

Zone 4 is that part of the Delaware River extending from the Pennsylvania-Delaware boundary line to the Atlantic Ocean.

The principal uses of the waters of the Delaware River in Zone 4 are expected to be for navigation, industrial water supplies, commercial fishing, shellfish culture, recreation and other purposes.

In order to attain conditions of cleanliness and sanitation of the waters of the Delaware River which will be consistent with the appropriate existing and future quality and uses of such waters, the following minimum requirements shall apply to the several zones herein provided. It is the purpose and intent of such requirements to apply to artificial (not natural) causes of pollution.

ARTICLE III

MINIMUM REQUIREMENTS

The Interstate Delaware River:

In order to put and maintain the waters of the interstate Delaware River and its West Branch as aforesaid, in a clean and sanitary condition, no sewage, industrial wastes or other artificial polluting matter shall be discharged into, or be permitted to flow or fall into, or be placed in any respective zone of the interstate Delaware River as herein established, unless such sewage, industrial waste or other artificial polluting matter shall first have been so treated as to produce an effluent which will meet the following minimum requirements:

ZONE 1

1. Such effluent shall be free of noticeable floating solids color, oil, grease, or sleek, and practically free of suspended solids.

2. Such effluent shall be sufficiently free of turbidity that it will not cause noticeable turbidity in the water of the Delaware River.

3. Such effluent shall show a reduction of organic substances of at least eighty-five (85) per cent as measured by the bio-chemical oxygen demand, and furthermore, such effluent in no case shall exceed a bio-chemical oxygen demand of fifty (50) parts per million, and furthermore, the discharge of such effluent, after dispersion in the water of the river, shall not cause a reduction of the dissolved oxygen content of such water of more than five (5) per cent. The aforesaid reduction in dissolved oxygen content shall be determined by the average results obtained from dissolved oxygen tests made upon samples collected on not less than six (6) consecutive days from points in the river above and below the point or points of effluent discharge.

4. Such effluent shall be of such quality that the most probable number of organisms of the Coli Aerogenes group shall not exceed one (1) per milliliter in more than ten (10) per cent of the samples of sewage effluent tested by the confirmed test, and provided further that no single sample shall contain more than one hundred (100) organisms of the Coli Aerogenes group in one (1) milliliter.

5. Such effluent shall be sufficiently free of acids, alkalis, and other toxic or deleterious substances, that it will not create a menace to the public health through the use of the waters of the Delaware River for public water supplies, **for recreation, bathing, agriculture and other purposes**; nor be inimical to fish, animal or aquatic life.

6. Such effluent shall be free of offensive odors and also be free of substances capable of producing offensive tastes or odors in public water supplies derived from the Delaware River at any place below the discharge of such effluent.

ZONE 2

1. Such effluent shall be free of noticeable floating solids, color, oil, or grease, and practically free of both suspended solids and sleek.

2. Such effluent shall be sufficiently free of turbidity that it will not cause noticeable turbidity in the water of the Delaware River.

3. Such effluent shall show a reduction of organic substances of at least eighty-five (85) per cent as measured by the bio-chemical oxygen demand, and furthermore, such effluent in no case shall exceed a bio-chemical oxygen demand of one hundred (100) parts per million, and furthermore, the discharge of such effluent, after dispersion in the water of the river, shall not cause a reduction of the dissolved oxygen content of such water of more than ten (10) per cent. The aforesaid reduction in dissolved oxygen content shall be **determined by the average results** obtained by dissolved oxygen tests made upon samples collected on not less than six (6) consecutive days from points in the river above and below the point or points of effluent discharge.

4. Such effluent shall be of such quality that the most probable number of organisms of the Coli Aerogenes group shall not exceed one (1) per milliliter in more than twenty-five (25) per cent of the samples of sewage effluent tested **by the confirmed test**, and provided further that no single sample shall contain more than one hundred (100) organisms of the Coli Aerogenes group in one (1) milliliter.

5. Such effluent shall be sufficiently free of acids, alkalis, and other toxic or deleterious substances, that it will not create a menace to the public health **through the use of the water of the Delaware River** for public water supplies, for recreation, industrial and other purposes; nor be inimical to fish, animal or aquatic life.

6. Such effluent shall be free of offensive odors and also be free of substances capable of producing offensive tastes and odors in public water supplies derived from the Delaware River at any place above or below the discharge of such effluent.

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ZONE 3

1. Such effluent shall be free of noticeable floating solids, oil or grease, and substantially free of both suspended solids and sleek.

2. Such effluent shall be sufficiently free of turbidity that it will not cause substantial turbidity in the water of the Delaware River after dispersion in the water of the river.

3. Such effluent shall show a reduction of at least fifty-five (55) per cent of the total suspended solids and a reduction of not less than thirty-five (35) per cent of the bio-chemical oxygen demand. (It is the intent of this requirement to restore the dissolved oxygen content of the river water in this zone to at least fifty (50) per cent saturation. To accomplish this, it may be necessary in the case of certain wastes, to obtain reductions greater than those required under this item.)

4. Such effluent if it be discharged within two miles of a public waterworks intake or within prejudicial influence thereof, shall at all times be effectively treated with a germicide.

5. Such effluent shall be sufficiently free of acids, alkalis, and other toxic or deleterious substances, that it will not create a menace to the public health through the use of the waters of the Delaware River for public water supplies, or render such waters unfit for industrial and other purposes; or cause the water of the Delaware River to be harmful to fish life.

6. Such effluent shall be practically free of substances capable of producing offensive tastes or odors in public water supplies derived from the Delaware River.

ZONE 4

1. Such effluent shall be free of noticeable floating solids, oil, or grease, and substantially free of both suspended solids and sleek.

2. Such effluent shall be sufficiently free of turbidity that it will not cause substantial turbidity in the waters of the Delaware River after dispersion in the water of the river.

3. Such effluent shall show a reduction of at least fifty-five (55) per cent of the total suspended solids and shall be subject to such further treatment as may be needed to prevent a nuisance.

4. Such effluent, if it be discharged within prejudicial influence of a public waterworks intake, or of recreational areas, or of shellfish grounds, shall at all times be effectively treated with a germicide, except that in the case of recreational area influence, such treatment need not be provided during the period from October 15th to May 15th of each year.

5. Such effluent shall be sufficiently free of acids, alkalis, and other toxic or deleterious substances that it will not create a menace to the public health through the use of the waters of the Delaware River for public water supplies, or render such waters unfit for commercial fishing, shellfish culture, recreational, industrial or other purposes.

6. Such effluent shall be practically free of substances capable of producing offensive tastes or odors in public water supplies derived from the Delaware River.

Intrastate Tributaries:

It is further recognized by the signatory States that the quality of the waters of the intrastate tributaries of the Delaware River and its aforesaid West Branch are of interstate concern at their points of confluence with the Delaware River and its West Branch. Therefore, it is also agreed that sewage, industrial waste or other artificial polluting matter discharged into, or permitted to flow or to fall into, or be placed in any intrastate tributary of the aforesaid Delaware River, shall be treated to that degree, if any, necessary to maintain the waters of such intrastate tributary immediately above its confluence with the aforesaid Delaware River in a condition at least equal to the clean and sanitary condition of the waters of the Delaware River immediately above the confluence of such tributary.

Standard Methods:

Analyses and tests regarding the minimum requirements herein prescribed, shall be determined in accordance with the provisions contained in the American Public Health Association's latest edition on 'Standard Methods for the Examination of Water and Sewage.'

Future Requirements:

The aforesaid requirements as to treatment of sewage, industrial wastes or other artificial polluting matter and as to the sanitary quality of receiving waters are minima. It is the intent and purpose of these requirements to accomplish reasonable and adequate control and correction of pollution. Due to the many variable factors involved, however, and to the impossibility of forecasting future developments with certainty, it may be necessary in the future to impose additional requirements, particularly in Zones 2 and 3.

The minima herein prescribed therefore, shall be considered the first steps toward attaining the objectives sought, and if necessary, may be required to be supplemented in the case that the general application of such minimum requirements do not adequately improve and maintain the sanitary quality of the waters of the Delaware River."

The Department of Health of the State of New Jersey, at a meeting held on June 7, 1938, on motion voted, that the standards as set forth in the aforesaid "Agreement for the Correction and Control of Pollution of the Waters of the Interstate Delaware River" be ratified by the Department.

Dr. Edward S. Godfrey, Jr., Commissioner of Health, State of New York, advised, under date of June 17, 1938, "I hereby approve of the plans and minimum standards set forth in the Agreement for the Correction and Control of Pollution of the Waters of the Interstate Delaware River in so far as the plans and standards affect the waters of the State of New York."

The Sanitary Water Board of the Commonwealth of Pennsylvania, at a meeting held on June 23, 1938, adopted a preamble and resolution in which it was resolved: "That the Sanitary Water Board of the Com-

monwealth of Pennsylvania, hereby formally approves the standards established by the 'Draft of Agreement for the Correction and Control of Pollution of the Waters of the Interstate Delaware River,'"

The Board of Health of the State of Delaware at a meeting, held on June 28, 1938, passed the following resolution, to wit: "It is hereby resolved by the State Board of Health of Delaware that the Agreement for the Correction and Control of Pollution of the Waters of the Interstate Delaware River, prepared by Incodel's Advisory Committee on 'Quality of Water in the Delaware River Basin' be approved."

NO. 8—THE SANITARY SURVEY OF THE RARITAN RIVER AND ITS TRIBUTARIES

For several years the annual reports have contained information upon the progress made in the construction and operation of municipal sewage treatment plants.

The appropriation bill for the fiscal year ending June 30, 1938, contains the following item: "Unclassified: Investigation of pollution of Raritan River, . . . \$5,000.00." This sum of money, supplemented by Federal funds, was used for the investigation of the industrial pollution of the Raritan River and its tributaries.

Studies of the extent of the industrial pollution made during the fiscal year disclosed that about 39,314,000 gallons of industrial waste effluents were being discharged daily into the river, which consumed daily approximately 70,154 pounds of the oxygen content of the river. This oxygen demand is equivalent to that of the raw sewage discharge of a population of 415,000. In other words, the affinity of oxygen of the trade wastes discharged into the river by various industrial plants was equivalent to that of the sanitary wastes of a population of 415,000. The aggregate population of the municipalities bordering on the river is only 360,000. The importance of this lies in the fact that the purity of the stream depends upon its oxygen content. If the oxygen in the stream becomes depleted, offensive odors are given off.

As a result of investigations made and conferences held, sufficient industrial wastes have been treated or diverted into municipal sewage treatment plants so as to reduce the oxygen demand or affinity in the receiving waters by approximately 16,000 pounds or nearly 25%. In

addition, certain industries are engaged in experimental or research work upon methods of treatment of their industrial wastes, which when completed will represent, it is believed, a further reduction of oxygen demand of approximately 25,000 pounds or nearly 40%.

Industrial pollution presents a problem which is unlike that of domestic sewage in that trade wastes differ in the nature and treatment required. Methods for the treatment of sanitary sewage are well established. Trade wastes, on the other hand, present varying chemical and biological problems, and, treatment methods are by no means standardized.

The Raritan River pollution project is a complicated and difficult problem and therefore a great deal of pioneering work has been necessary. For it is believed to be the first time that an effort has been made, in this section of the country, to control both domestic and industrial pollution over so extensive an area.

No. 9

A POLICY ESTABLISHED FOR THE PREVENTION OF THE POLLUTION OF THE WATERS OF THE BARNEGAT BAY AND ITS TRIBUTARIES, BEING WATERS OF THIS STATE

WHEREAS, Domestic sewage and other polluting matter in the municipalities located in the watershed of the Barnegat Bay must, for good and valid reasons, be discharged into the waters of the Barnegat Bay and its tributaries; and,

WHEREAS, "An act to prevent the pollution of the waters of this State by the establishment of a State sewerage commission, and authorizing the creation of sewerage districts and district sewerage boards, and prescribing, defining and regulating the powers and duties of such commission and such boards," being Chapter 210 of the P. L. of 1899, as amended and supplemented, contains the following provisions: "It shall be unlawful for any person, corporation or municipality to build any sewer, drain or sewerage system from which it is designed that any sewage or other harmful and deleterious matter, solid or liquid, shall flow into any of the waters of this State, except under such conditions as shall be approved by the Department of Health of the State of New Jersey," and, "It shall be unlawful for any person, corporation or municipality to build or cause to be built, or operate, any plant for the treatment of sewage or other polluting substance, from which the effluent is to flow into any of the waters of this State, except under such conditions as shall be approved by the Department of Health of the State of New Jersey, to whom any new plans shall be submitted before building"; and,

WHEREAS, The Department of Health of the State of New Jersey is of the opinion that, in order to prevent the pollution of the waters of the Barnegat Bay and its tributaries so that certain inhabitants of this State will not be injured in their health, comfort and property, and, in order to conserve the waters of the Barnegat Bay and

its tributaries as recreational centers for health, welfare and enjoyment of the people of the State, all domestic sewage and other polluting matter shall, before discharge into the waters of the Barnegat Bay and its tributaries, be subjected, as a minimum, to a method of treatment equivalent to that obtained by sedimentation, oxidation (through the use of intermittently operated sand filters) and chlorination, so that a well-clarified and highly oxidized effluent, low in bacterial count, will be discharged into the waters of the said bay and its tributaries; therefore,

Be It Resolved, By the Department of Health of the State of New Jersey, at a meeting held on the thirteenth day of July, A. D. one thousand nine hundred and thirty-seven, that under the power and authority granted to the said Department of Health by an act entitled, "An act to prevent the pollution of the waters of this State by the establishment of a State sewerage commission, and authorizing the creation of sewerage districts and district sewerage boards, and prescribing, defining and regulating the powers and duties of such commission and such boards," being Chapter 210 of the P. L. 1899, as amended by Chapter 72 of the P. L. of 1900, supplemented by Chapter 135 of the P. L. of 1907, and amended by Chapter 186 of the P. L. of 1930, that all domestic sewage and other polluting matter shall, before discharge into the waters of the Barnegat Bay and its tributaries, be subjected, as a minimum, to a method of treatment equivalent to that obtained by sedimentation, oxidation (through the use of intermittently operated sand filters) and chlorination, so that a well-clarified and highly oxidized effluent, low in bacterial count, will be discharged into the waters of the said bay and its tributaries; and,

Be It Further Resolved, That this policy herewith established shall apply to the discharge of all polluting matter, including industrial and/or manufacturing wastes and shall apply to any person, firm, copartnership or corporation; and,

Be It Further Resolved, That this policy shall become effective immediately; and,

Be It Further Resolved, By the Department of Health of the State of New Jersey that a copy of this resolution, setting forth this policy established for the prevention of the pollution of the waters of the Barnegat Bay and its tributaries, being waters of this State, be made a part of the record of the Department of Health of the State of New Jersey, to be used in all prosecutions under "An act to prevent the pollution of the waters of this State by the establishment of a State sewerage commission, and authorizing the creation of sewerage districts and district sewerage boards, and prescribing, defining and regulating the powers and duties of such commission and such boards," being Chapter 210 of the P. L. of 1899, as amended by Chapter 72 of the P. L. of 1900, supplemented by Chapter 135 of the P. L. of 1907, and amended by Chapter 186 of the P. L. of 1930.

No. 10

PREAMBLE AND RESOLUTION ESTABLISHING A POLICY FOR THE PREVENTION OF THE POLLUTION OF THE WATERS OF MANALAPAN CREEK AND ITS TRIBUTARIES, BEING WATERS OF THIS STATE

WHEREAS, Domestic sewage and other polluting matter in the municipalities located in the watershed of Manalapan Creek must, for good and valid reasons, be discharged into the waters of the Manalapan Creek and its tributaries; and,

WHEREAS, "An act to prevent the pollution of the waters of this State by the establishment of a State sewerage commission, and authorizing the creation of sewerage districts and district sewerage boards, and prescribing, defining and regulating the

powers and duties of such commission and such boards," being Chapter 210 of the P. L. of 1899, as amended and supplemented, contains the following provisions: "It shall be unlawful for any person, corporation or municipality to build any sewer, drain or sewerage system from which it is designed that any sewage or other harmful and deleterious matter, solid or liquid, shall flow into any of the waters of this State, except under such conditions as shall be approved by the Department of Health of the State of New Jersey," and, "It shall be unlawful for any person, corporation or municipality to build or cause to be built, or operate, any plant for the treatment of sewage or other polluting substance, from which the effluent is to flow into any of the waters of this State, except under such conditions as shall be approved by the Department of Health of the State of New Jersey, to whom any new plans shall be submitted before building"; and,

WHEREAS, The Department of Health of the State of New Jersey is of the opinion that in order to prevent the pollution of the waters of the Manalapan Creek and its tributaries so that certain inhabitants of this State will not be injured in their health, comfort and property and in order to conserve the waters of the Manalapan Creek and its tributaries as recreational centers for health, welfare and enjoyment of the people of the State all domestic sewage and other polluting matter shall, before discharge into the waters of Manalapan Creek and its tributaries between the headwaters and the dam at Spotswood, be subjected as a minimum to a method of treatment equivalent to that obtained by sedimentation, oxidation (through the use of intermittently operated sand filters) and chlorination, so that a well-clarified and highly oxidized effluent, low in bacterial count, will be discharged into the waters of the said creek and its tributaries between the points aforementioned; therefore,

Be It Resolved, By the Department of Health of the State of New Jersey, at a meeting held on the nineteenth day of October, A. D. one thousand nine hundred and thirty-seven, that under the power and authority granted to the said Department of Health by an act entitled "An act to prevent the pollution of the waters of this State by the establishment of a State sewerage commission and authorizing the creation of sewerage districts and district sewerage boards and prescribing, defining and regulating the powers and duties of such commission and such boards" being Chapter 210 of the P. L. of 1899 as amended by Chapter 72 of the P. L. of 1900, supplemented by Chapter 135 of the P. L. of 1907 and amended by Chapter 186 of the P. L. of 1930, that all domestic sewage and other polluting matter shall, before discharge into the waters of Manalapan Creek and its tributaries between the headwaters and the dam at Spotswood, be subjected as a minimum to a method of treatment equivalent to that obtained by sedimentation, oxidation (through the use of intermittently operated sand filters) and chlorination, so that a well-clarified and highly oxidized effluent, low in bacterial count, will be discharged into the waters of said creek and its tributaries; and,

Be It Further Resolved, That this policy herewith established shall apply to the discharge of all polluting matter, including industrial and/or manufacturing wastes and shall apply to any person, copartnership or corporation; and,

Be It Further Resolved, That this policy shall become effective immediately; and,

Be It Further Resolved, By the Department of Health of the State of New Jersey that a copy of this resolution, setting forth this policy established for the prevention of the pollution of the waters of the Manalapan Creek and its tributaries, being waters

of this State, be made a part of the record of the Department of Health of the State of New Jersey, to be used in all prosecutions under "An act to prevent the pollution of the waters of this State by the establishment of a State sewerage commission, and authorizing the creation of sewerage districts and district sewerage boards, and prescribing, defining and regulating the powers and duties of such commission and such boards," being Chapter 210 of the P. L. of 1899, as amended by Chapter 72 of the P. L. of 1900, supplemented by Chapter 135 of the P. L. of 1907, and amended by Chapter 186 of the P. L. of 1930.

No. 11

THE BACTERIOLOGICAL QUALITY FOR A SAFE DRINKING AND CULINARY WATER; PREAMBLE AND RESOLUTION ADOPTED ON JANUARY 12, 1937

WHEREAS, In and by an act entitled "A supplement to an act entitled 'A supplement to an act entitled "An act to secure the purity of the public supplies of potable waters in this State," approved March seventeenth, one thousand eight hundred and ninety-nine,' approved April twenty-first, nineteen hundred and nine," being Chapter 253, P. L. 1909, regarding the distribution or sale of water for **potable purposes**; and,

WHEREAS, The Public Health Service of the United States of America has adopted drinking water standards as of June 20, 1925, for drinking and culinary water supplied by common carriers, which standards superseded standards adopted October 21, 1914; and,

WHEREAS, The aforesaid standards of The Public Health Service of the United States of America in the matter of the bacteriological quality for drinking and culinary water supplied by common carriers in interstate commerce are as follows:

"As to Bacteriological Quality

(1) Of all the standard (10 c.c.) portions examined in accordance with the procedure specified below, not more than 10 per cent shall show the presence of organisms of the *B. Coli* Group.

(2) Occasionally three or more of the five equal (10 c.c.) *portions* constituting a single standard *sample* may show the presence of *B. Coli*. This shall not be allowable if it occurs in more than

- (a) Five per cent of the standard samples when twenty (20) or more samples have been examined;
- (b) One standard sample when less than twenty (20) samples have been examined.

NOTE—It is to be understood that in the examination of any water supply the series of samples must conform to *both the above requirements*, (1) and (2). For example, where the total number of samples is less than six, the occurrence of positive tests in three or more of the five portions of any single sample, although it would be permitted under requirement (2), would constitute a failure to meet requirement (1).

Definition

The *B. coli* group is defined, for the purposes of this test, as in Standard Methods of Water Analysis, American Public Health Association, New York, 1923, and the procedures for demonstration of organisms of this group shall conform to those of the 'completed test' as therein specified.

The standard portion of water for this test shall be ten cubic centimeters (10 c.c.).

The standard sample for this test shall consist of five (5) standard *portions* of ten cubic centimeters (10 c.c.) each," therefore,

Be It Resolved, By the Department of Health of the State of New Jersey, at a meeting held on the twelfth day of January, A. D. one thousand nine hundred and thirty-seven, that in all prosecutions under Chapter 253, Laws of 1909, the drinking water standards in respect to the bacteriological quality for drinking and culinary water supplied by common carriers in interstate commerce adopted by the Public Health Service of the United States of America as of June 20, 1925, be and they are hereby adopted as bacteriological standards for waters used for potable and domestic purposes in the State of New Jersey, said bacteriological standards are as follows:

"As to Bacteriological Quality

(1) Of all the standard (10 c.c.) portions examined in accordance with the procedure specified below, not more than ten per cent shall show the presence of organisms of the *B. coli* group.

(2) Occasionally three or more of the five equal (10 c.c.) *portions* constituting a single standard *sample* may show the presence of *B. coli*. This shall not be allowable if it occurs in more than

- (a) Five per cent of the standard samples when twenty (20) or more samples have been examined;
- (b) One standard sample when less than twenty (20) samples have been examined.

NOTE—It is to be understood that in the examination of any water supply the series of samples must conform to *both the above requirements*, (1) and (2). For example where the total number of samples is less than six, the occurrence of positive tests in three or more of the five portions of any single sample, although it would be permitted under requirement (2) would constitute a failure to meet requirement (1).

Definition

The *B. coli* group is defined, for the purposes of this test, as in Standard Methods of Water Analysis, American Public Health Association, New York, 1923, and the procedures for demonstration of organisms of this group shall conform to those of the 'completed test' as therein specified.

The standard portion of water for this test shall be ten cubic centimeters (10 c.c.).

The standard sample for this test shall consist of five (5) standard *portions* of ten cubic centimeters (10 c.c.) each," and,

Be It Further Resolved, By the Department of Health of the State of New Jersey, at a meeting held on the twelfth day of January, A. D. one thousand nine hundred and thirty-seven, that the aforementioned bacteriological standards be the bacteriological standards so adopted by the said State Department of Health, and that a copy of this resolution setting forth said bacteriological standards be made part of the record of the Department of Health of the State of New Jersey to be used in all prosecutions under Chapter 253 of the Laws of 1909.

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No. 12

NEW WATER SUPPLIES FROM JULY 1, 1936, TO JUNE 30, 1938

Name of Supply	Location	Source of Supply	Treatment
Briar Heights & Della Heights Property Owners Association	Byram Township (Cranberry Lake)	1 driven well, 100' deep	
Brooklawn Farms Water Company	Parsippany-Troy Hills Township	Spring reservoir and 23 driven wells, 45' to 65' deep	
Coggeshall, Hooker I.	Wyckoff Township	1 driven well, 176' deep	
Franches Grove Water Company, Inc.	Byram Township	1 driven well, 120' deep	
Long Hill Country Club Estates	Chatham	1 driven well, 135' deep	
Newfield	Municipality	2 driven wells, 135' deep	
Rocky Hill	Municipality	2 driven wells, 200' deep	Chlorination
Seckler & Sheppard, Inc.	Vernon Township, Lake Walkill	3 springs and 2 small streams	Chlorination
Small Farm Association	Passaic Township, Homestead Park	Spring	Chlorination
Strawberry Point Property Owners	Cranberry Lake, Byram Township	1 driven well, 160' deep	
United States Resettlement Administration—Jersey Homesteads	Millstone Township	2 driven wells, 445' to 464' deep	
Wanaque	Municipality	1 driven well, 65' deep	

NO. 13—WATER SUPPLIES NOT NOW RECOGNIZED AS PUBLIC POTABLE
WATER SUPPLIES PURSUANT TO THE RESOLUTION ADOPTED
ON JANUARY 10, 1933

The Department of Health of the State of New Jersey at a meeting held on January 10, 1933, adopted a preamble and resolution in which, based upon an opinion from the Attorney General, it was resolved that "in order for sources of water supplies to be considered as public potable water supplies, they must represent sources of supply from which water is distributed or sold to consumers for potable purposes in eight or more dwellings and/or properties, and where water from sources of supplies is distributed or sold to less than said number of dwellings and/or properties such supplies will hereafter be considered as private sources of water supplies and which supplies come within the jurisdiction of local boards of health having control over the territory wherein such supplies

are located." The following tabulation shows the supplies removed from the public potable water supply list from July 1, 1936, to June 30, 1938.

Location	Owner	Source of Supply
East Greenwich Township, Mickleton Section	August Eichler	1 driven well, 176' deep
Greenbrook Township	Mountain Top Corporation	2 driven wells

No. 14

WATER SUPPLIES ABANDONED FROM JULY 1, 1935, TO JUNE 30, 1938

Location	Owner	Source of Supply
Beach Haven Crest	James McMurray	1 driven well, 540' deep
Hanover Township, Mt. Tabor Section	Camp Meeting Association of Newark Conference, M. E.	1 spring, 2 wells, 20-24' deep
*Sparta	J. Blair Hendershot	Spring
Whittings Section of Manchester Township	Tuckerton Railroad Company	1 driven well, 148' deep

* This supply has been leased to E. J. & Laura Dugan.

No. 15—SUPERVISION AND INSTALLATION OF CROSS CONNECTIONS— CHAPTER 13 OF THE STATE SANITARY CODE

In the Annual Reports of the Bureau for the fiscal years ending June 30, 1934, and June 30, 1936, a comprehensive report was printed upon the supervision and installation of cross connections, into which entered the provisions of Chapter 13 of the State Sanitary Code. To bring this data up to date the following tabulations relating to additional permits issued and permits revoked follow:

ADDITIONAL PERMITS ISSUED FROM JULY, 1936, TO JUNE, 1938

Name of Municipality	Name of Company	Public Potable Water Supply	Unapproved Water Supply	Number and Size of Connection
Hammonton	Cassco Corporation	Hammonton Water Department	Artesian well	1 — 2"
Kearny	United Cork Companies	Kearny Water Department	Passaic River	1 — 6"
Maurer	The Barber Company, Inc.	Perth Amboy Water Department	Woodbridge Creek	1 — 8"
Riegelsville	Riegel Paper Corporation (Hughesville Mill)	Riegel Paper Corporation	Musconetcong River	1 — 8"

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PERMITS REVOKED FROM JULY, 1936, TO JUNE, 1938

Name of Municipality	Name of Company	Public Potable Water Supply	Unapproved Water Supply	Number and Size of Connection
Burlington	Burlington Silk Mills	Burlington Water Department	Spring water reservoir	1 — 6"
Newark	L. E. Waterman Company	Newark Water Department	Well	1 — 4"
Passaic	Dundee Water Power & Land Company	Passaic Valley Water Commission	Dundee Canal	1 — 6"
Passaic	The Okonite Company	Passaic Valley Water Commission	Canal	1 — 6"
Passaic	Passaic Print Works	Passaic Valley Water Commission	Artesian well water	1 — 6"
Riverside	The Riverside Metal Company	The Delaware River Water Company	Musconetcong River	1 — 8" 1 — 6"

No. 16—PRIVATE SUPPLIES

One hundred samples of water from private sources of supply have been examined in the laboratory and payment to the amount of \$877.50 has been made therefor through the Bureau of Engineering, which forwards and interprets the results obtained in the examination of such samples.

A charge of \$15 is made by the department for a complete chemical and bacteriological examination of a sample of water and a charge of \$5 for a bacteriological examination.

No. 17—SCHOOL SUPPLIES

Six hundred and ninety-six samples of water have been examined in the laboratory of the Bureau of Chemistry from rural 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. This work has been supplemented by field investigations which have been made upon the request of interested school officials.

NO. 18—ESTABLISHMENT OF FACTORIES ON WATERSHEDS

During the year, under the provisions of Chapter 280, Laws of 1921 (known now as Section 58:10-17 to 58:10-21), the following applications were approved for the construction of industrial plants upon watersheds in the State :

- No. 136—Orange (Teschner Glass Company, Inc.)—factory for the manufacture of glass.
- No. 137—Ewing Township (General Motors Corporation)—factory for the manufacture of automobile hardware.
- No. 138—South Brunswick Township (Magnetic Pigment Company)—factory for the manufacture of dry color pigment.
- No. 139—Tenafly (Clensel Products Company, Inc.)—factory for the manufacture of liquid cleaners.
- No. 140—Emerson (Brookside Laundry, Inc.)—factory to be used as a laundry.
- No. 141—Garwood (Brown-Freeman Corporation)—factory for the manufacture of wood pencils. (Later revoked and now known as the Synply Corporation.)
- No. 142—Garwood (Welded Steel Tube Corporation)—factory for the manufacture of steel tubing.
- No. 143—Garwood (General Cellulose Company)—factory for the manufacture of wadding and absorbent tissue.
- No. 144—Orange (Carroll Dunham Smith Pharmacal Company)—factory for the manufacture of tablets, ointments, etc.
- No. 145—Cranford Township (Utility Blade and Razor Company)—factory for the manufacture of safety razors and blades.
- No. 146—Garwood (Charles Luftig)—factory for the manufacture of men's hat linings.
- No. 147—Garwood (Bowen Research Corporation)—factory for the testing of materials and machines.
- No. 148—Maplewood Township (Insteroid Container Company, Inc.)—factory for the manufacture of lusteroid containers.
- No. 149—Orange (Pennsylvania Chemical Corporation)—factory for the manufacture of moth proofing compounds.
- No. 150—Garwood (Synply Corporation)—factory for the manufacture of wood pencils.
- No. 151—Kenilworth (Kenilworth Manufacturing Company)—factory for the manufacture of asbestos wall siding.
- No. 152—Orange (Probar Corporation)—factory for the manufacture of metal ornaments.
- No. 153—South Orange (Billings S. Fuess)—factory for the manufacture of loud speaker cone diaphragms.
- No. 154—Garwood (Amity Lamp Corporation)—factory for the manufacture of paper lamp shades.
- No. 155—Clark Township (General Motors Corporation)—factory for the manufacture of rubber, rubber and metal parts for automobile industry.
- No. 156—Kenilworth (National Tool & Die Company)—factory for the manufacture of plastic molds.
- No. 157—Cranford (Leet Organ Company, Inc.)—factory for the manufacture of organs and other musical instruments.

Report of the Bureau of Food and Drugs

For the Year Ending June 30, 1938

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 was passed in 1907. 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, and the act governing the production, handling and distribution of milk, cream and milk products. In addition to these laws, the Legislature has passed special laws governing the distribution and sale of oleomargarine, ice cream, "filled milk", methyl alcohol, and also laws governing the breaking of eggs, the storage of food in cold storage warehouses, the slaughtering of animals for food, and governing the production, sale and distribution of shellfish. The basic legal requirements of the State Food and Drug Act were in harmony with the requirements of the Federal Food and Drug Act until the passage of the new Federal Food and Drug Act in June, 1938.

The Federal Food and Drug Act has been strengthened by the passage of a new act which includes regulatory control over cosmetics, over therapeutic devices intended for use in the diagnosis, cure, mitigation or treatment of disease in man or animals and over the distribution and sale of "new" drugs unless adequately tested. The Federal Act applies to those foods, drugs, cosmetics and devices which are shipped in interstate commerce.

A bill is now being prepared for introduction at the next session of the Legislature which is intended to make such changes in the laws of this

State as to bring the requirements of New Jersey in harmony with the requirements as contained in the Federal Act. The necessity for uniformity in State and Federal requirements is apparent when it is recognized that many foods, drugs, cosmetics, and devices manufactured or prepared in one State may be sold in and shipped to many States. It seems desirable to have the same requirements apply to the preparation and sale of foods, drugs, cosmetics and devices which are prepared and distributed solely within this State, as apply to these articles when shipped in interstate commerce.

Dairy Farm and Milk Plant Inspection—The problem of securing clean and safe milk and milk products for the inhabitants of this State is one which involves the health, happiness and general well-being, not only of the millions of consumers, but of the operators of milk plants and dairies and thousands of workmen of varying degrees of intelligence. The responsibility for the solution of this problem is placed upon the State Department of Health by Article I, Chapter 10, Title 24, Revised Statutes of New Jersey, 1937. The statute referred to provides for a permit system to control dealers in these articles of food, and sets up minimum standards covering production and distribution so that penalties may be collected from producer-distributors as well as dealers whose products, offered for distribution, fail to meet the standards.

Since it is not practical to carry out detailed inspection of all of the milk and milk products offered for distribution to the consumers, the establishment and maintenance of good faith between the Departments of Health and the legitimate handlers of milk and milk products is a matter of prime necessity. When such faith has been fully established upon sound foundations, the time and resources of enforcement agencies may be centered upon the illegitimate branches of the industry for the control of which, laws and penalties are made necessary. This Department has received the hearty cooperation of a large percentage of the dealers and producers engaged in the dairy industry in this State. The local boards of health of a number of municipalities in this State have rendered valuable service in the promotion of milk sanitation.

Suits authorized by the Department as a result of evidence assembled by the Division of Sanitary Milk Control have resulted in the collection of a considerable number of penalties for violation of various sections of the law.

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Additional appropriations to secure competent assistance must be provided if respect for the law is to be maintained.

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	1,570	2,689
Delaware	6	114
Maryland	17	338
Michigan	4	85
New York	93	1,596
Ohio	4	119
Pennsylvania	84	1,329
Vermont	3	20
	1,781	6,290

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

<i>State</i>	<i>No. of Inspections of Milk Plants</i>	<i>No. of Inspections of Dairy Farms</i>
Delaware	2	166
Maryland	2	572
Michigan	2	333
New York	56	4,882
Pennsylvania	27	2,907
Ohio	2	188
Indiana	1	671
Wisconsin	1	50
	93	9,769

Collection of Milk, Cream and Milk Products—During the year 7,074 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—In the inspection of ice cream plants, special attention has been given to the cleaning of equipment and to the source of the raw materials used in the preparation of the ice cream. Under the laws of the State, it is necessary for manufacturers of ice cream to procure the milk, cream or ice cream "mix" intended for use in the manufacture of ice cream from plants holding permits from this Department.

During the year, 1,198 inspections have been made of places where ice cream, sherbets or ices are manufactured for distribution in New Jersey, and 716 samples have been collected for examination. Of this number 50 samples were found to differ from the legal standard.

Bakery Inspection—The enforcement of the regulations governing the preparation and sale of custard filled pastry products, adopted in 1935, has been continued. A large number of bakers have provided mechanical refrigerators in which the custard fillings or the filled pastries are held pending sale. The filling devices are generally dismantled after use and thoroughly cleaned. One small outbreak of illness in 19 persons in Kearny, New Jersey, was traced to the consumption of cream filled cake prepared in Brooklyn, New York, and transported to New Jersey without refrigeration. Upon receipt of this information, the Chief of the Bureau of Food and Drugs of the City of New York was advised of the facts and a few hours later a report was received from him that several cases of illness had been discovered in Brooklyn as a result of eating custard filled pastries from the same lot of goods. We were also advised that the authorities of the Department of Health of New York City had ordered the particular baker to discontinue the manufacture of custard filled products immediately.

As the inspection of bakeries in the enforcement of regulations governing the preparation of custard filled pastries proceeded, it became apparent that there was need for closer supervision of the general sanitation of bakeries. At certain bakeries the floors were not clean; sidewalls and ceilings were not clean; clothing of employees was not clean; utensils and equipment used in the preparation of food were not clean; garbage and ashes were permitted to accumulate in the bakery rooms; and toilet and dressing rooms were not clean.

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The following detailed interpretations of the general provisions of the Sanitary Act of the State for the guidance of bakers were adopted by the Board of Health of New Jersey on November 16, 1937 :

1. No person affected with any communicable disease, or any venereal disease, and no person who is a "carrier" of a communicable disease, or who shall care for any person so affected, shall handle bakery products.
2. Every person while preparing bakery products shall be clean of person, wear clean, washable outer clothing, which shall be used for that purpose only; such operator shall avoid contact with any substance that may contaminate the bakery products.
3. Bakery floors shall be of smooth, tight material which can be readily cleaned and the floors shall be cleaned at the end of each working day.
4. The sidewalls and ceilings of all bakeries shall be of smooth, tight material which can be readily cleaned and shall be kept well painted and clean.
5. Bakery rooms shall be well lighted and ventilated.
6. Windows and window ledges shall be kept clean.
7. All outside openings in bakery rooms shall be screened from April 1st to November 1st and every precaution shall be taken to prevent the entrance of flies.
8. All work benches and shelves shall be of smooth, tight material and shall be kept clean.
9. All dough storage troughs, vats, etc., shall be of smooth, tight material. The outside as well as the inside of such troughs and vats shall be cleaned at the end of each working day.
10. The inside and outside of dough and cake mixing machines shall be cleaned after each use.
11. Suitable wash trays for cleaning utensils and equipment, with an abundant supply of hot and cold water, shall be provided.
12. Pans, bowls, sieves and other utensils used in the preparation of bakery products shall be cleaned after each use and stored in an orderly manner in a clean place.
13. Barrels and other containers used for the storage of ingredients used in the preparation of bakery products shall be kept clean both inside and outside.
14. Both the outside and inside of steaming closets shall be kept clean.
15. Stoves, doughnut cookers, etc., shall be kept clean.
16. Both the inside and outside of refrigerators shall be kept clean.
17. Storage boxes and racks for bread, cakes, etc., shall be kept clean.
18. Filling devices for bakery products shall be of smooth metal and shall be dismantled and cleaned immediately after use.
19. Flour shall be stored on suitable racks and protected from contamination.
20. Clothing of employees shall not be stored in the bakery rooms.
21. A suitable basin, soap and clean towels shall be provided for the use of employees.
22. Suitable toilet facilities shall be provided when necessary and toilet rooms must be kept clean.

During the year 2,676 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 instructions to correct insanitary conditions or methods have been mailed from the office. In those cases in which the instructions to operate bakeries in compliance with the provisions of law have been ignored, hearings have been held, and, in certain cases, prosecutions for the collection of penalties have been instituted.

Eggs—During recent years the business of hatching chickens from eggs by the use of artificial heat has grown to large proportions. A certain percentage of the eggs placed in incubators fail to produce chickens because of the infertility of the eggs or because of death of the embryo. Infertile incubated eggs, broken out into cans, have been offered for sale to bakers or other manufacturers of food. This Bureau has taken the stand that infertile incubated eggs are decomposed and are not fit for food.

For the purpose of preventing the distribution to manufacturers of food of infertile incubated eggs, a bill was drawn for introduction in the Legislature. This bill provided that all incubated reject eggs were to be broken out and denatured before removal from the premises on which the incubators were located. This bill did not become a law, although it received the endorsement of associations of health and food officials.

Seizures and condemnations by court action have been made of nine lots of decomposed egg substance stored in cold storage warehouses, amounting to 809 cans containing 30 pounds each, or approximately 12 tons. In addition, one lot consisting of 600 cases of eggs in the shell was condemned and the eggs were denatured.

The assistance and cooperation of the agents of the Food and Drug Administration of the United States Department of Agriculture in these investigations is gratefully acknowledged.

Non-Alcoholic Beverage and Bottled Water Plant Inspection—During the year, 383 inspections were made of beverage and water bottling plants, and 548 samples were collected for analyses.

In the summer of 1937, several wells, 150 ft. to 300 ft. deep, were drilled in Caldwell Township, Essex County. Applications were received from the owners of these wells for licenses to bottle and sell the

water. In several cases labels had been printed with exaggerated claims regarding the therapeutic effect of the water. Objections were made to the use of labels containing any false or misleading statements or designs. Licenses were withheld until the water was found to be free from contamination and until the requirements governing the bottling and labeling of the water had been met. Additional applications for licenses to bottle and sell water from driven wells located in Morris County were also received and similar action was taken.

It has been necessary to sample the water from these wells once every two weeks during the year because of the fact that in certain instances contamination was discovered. Where contaminated water was found, orders were issued to discontinue the bottling and sale of the water until the water was found to be free from contamination.

Slaughterhouse Inspection—During the year 757 inspections were made of the slaughterhouses in this State. These inspections show that these plants are operated in substantial compliance with the law.

During the year one additional veterinarian was employed in the inspection of slaughterhouses, meat markets and meat packing plants. By this assistance it has been possible to make more frequent inspections of slaughterhouses and to make inspections of much greater quantities of meat as found in slaughtering establishments and in retail meat markets. A large number of inspections of establishments at which meat products, such as sausage, scrapple, Bologna and hamburg steak are prepared, was also made.

Canning Factory Inspection—During the year 109 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.

Penalties—During the year \$7,427.26 was collected in penalties and costs for violations of the Food and Drug Laws.

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

Cold Storage Licenses	29	@	\$10.00	\$290.00
Ice Cream Licenses	22	@	100.00	2,200.00
Ice Cream Licenses	11	@	50.00	550.00
Ice Cream Licenses	9	@	25.00	225.00
Ice Cream Licenses	26	@	10.00	260.00
Ice Cream Licenses	541	@	5.00	2,705.00
Milk Plant Permits	634	@	25.00	15,850.00
Narcotic Drug Licenses	4	@	50.00	200.00
Narcotic Drug Licenses	13	@	5.00	65.00
				\$22,345.00

SAMPLES OF MILK, CREAM, FOODS, DRUGS COLLECTED FOR ANALYSIS

	<i>Above Standard</i>	<i>Below Standard</i>	<i>Total</i>
Milk and Cream	6,972	102	7,074
Foods	3,720	351	4,071
Drugs	1,048	192	1,240
Alcoholic Beverages	1	...	1
Miscellaneous	3	2	5
			11,744 647 12,391

SANITARY INSPECTIONS MADE OF ESTABLISHMENTS WHERE FOODSTUFFS ARE
PRODUCED, PREPARED, PACKED, STORED OR OTHERWISE HANDLED

	<i>Inspections</i>
Dairy Farms	6,290
Milk plants	1,781
Ice cream factories	1,198
Non-alcoholic beverage and water bottling plants	383
Slaughterhouses	757
Cold storage warehouses	242
Egg breaking establishments	36
Canning factories	109
Restaurants	1,461
Bakeries	2,676
Meat Markets	1,199
Meat packing plants	197
Drug stores	54
Pickle establishments	22
Macaroni factories	1
	16,406

Cold Storage—Title 24:9-12 Revised Statutes (the Cold Storage Act) provides that the State Director of Health shall extend the period of storage beyond 12 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, 1937, to June 30, 1938, 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>
10,000 pounds	fresh meat	3 months
79 barrels	poultry	1 month
320 boxes	poultry	1 month
100 barrels	poultry	3 months
716 boxes	cheese	1 month
775 boxes	cheese	2 months
16,185 boxes	cheese	3 months
912 boxes	cheese	4 months
2,931 boxes	cheese	5 months
3,917 boxes	cheese	6 months
901 cans—30-lb.	egg yolk	1 month
6,028 cans—30-lb.	egg yolk	3 months
6 cans—30-lb.	egg yolk	4 months
1,673 cans—30-lb.	whole egg	1 month
1,763 cans—30-lb.	whole egg	2 months
71,442 cans—30-lb.	whole egg	3 months
380 cans—30-lb.	egg albumen	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—Inspection and regulatory activities to secure compliance with the minimum requirements of the U. S. Public Health Service and the regulations of the Department occupied much of the time of the shellfish control force. A special campaign was conducted to secure proper tagging of all shipments and the keeping of proper records by the 380 shellfish shipping establishments to whom certificates were issued during the year. The Department has subscribed to a complete and accurate system of identification which will enable any Health Officer at the point of consumption, by examination of the tag attached to the package of shellfish, to ascertain the source from which

it originated. It has also insisted that shipments entering from other States be similarly identified.

Three field laboratories located in shellfish producing areas are each operated by a trained bacteriologist, with the facilities of a boat for inspection and sampling of the shellfish-growing waters. It has been necessary to maintain a patrol of the waters of Raritan Bay to prevent the removal of shellfish from the condemned waters of New Jersey and New York into the shipping establishments and markets of this State. A representative and a boat were assigned during the summer season to the patrol of the condemned waters in Atlantic County.

A joint investigation of high B. Coli scores in soft clams is being conducted in conjunction with the New York State Department of Conservation, through the interchange of samples and other information, which has necessitated the stationing of a trained bacteriologist employed under Social Security funds to the field laboratory at Highlands, New Jersey. This study will continue into the next year. Investigation of roadside clam stands to determine their source of supply of shellfish and methods of storage and dispensing has been carried on.

During the year studies of the shellfish-producing waters of the State by means of the State control boat "Inspector," which is now in its 26th year, resulted in the necessary condemnation of portions of five bodies of tidal waters, the Metedeconk River, Toms River, Manasquan River, Shark River, and the uppermost end of Barnegat Bay. Further bacteriological studies and surveys of all of the shellfish-producing waters of the State are being continuously carried on. Due to the extensive coastline of the State and the existence of many bays, thoroughfares, and tidal streams, the problem of examining and patrolling such waters is a major one, especially during the warmer season of the year when population is concentrated at the vacation resorts along the coastline.

During the year there were examined on the boat and in the field laboratories 121 samples of oysters, 177 samples of hard clams, 101 samples of soft clams, and 1,059 samples of water; in addition, there were 269 samples of shellfish and 15 samples of water examined in a joint investigation with New York, making the total number of samples 1,742. There were also made during the year 1,115 inspections of establishments from which shellfish are shipped in the shell, 215 inspections of shellfish shucking establishments, and 59 miscellaneous inspections, totaling 1,389 inspections.

**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 1937-1938**

ARTICLE	July 1937	Aug. 1937	Sept. 1937	Oct. 1937	Nov. 1937	Dec. 1937	Jan. 1938	Feb. 1938	March 1938	April 1938	May 1938	June 1938
Eggs, cases	852,015	807,852	670,382	507,435	305,316	133,098	45,862	32,704	97,667	244,368	490,915	629,123
Eggs, broken, lbs.	9,313,598	8,763,841	8,650,506	8,023,623	7,051,842	6,508,519	5,909,961	5,621,201	6,065,939	7,025,662	7,717,081	9,775,792
Cheese, lbs.	6,117,756	7,189,123	7,231,057	6,721,020	6,262,886	6,237,766	5,524,757	5,117,899	4,542,569	4,256,996	4,470,520	5,033,093
Butter, lbs.	6,249,589	5,828,717	4,137,839	2,491,925	1,533,918	684,137	678,147	499,542	317,261	485,624	2,062,145	7,979,612
Poultry, lbs.	10,655,318	10,199,817	8,615,049	7,524,343	9,511,843	9,144,043	7,992,751	6,438,295	4,743,049	4,662,320	5,134,043	3,757,543
Fresh meats, lbs.	6,369,982	4,735,058	4,146,561	4,814,130	4,686,159	4,730,045	6,099,886	6,901,597	6,598,028	6,309,016	5,888,698	4,657,824
Fresh fish, lbs.	1,886,989	2,726,040	3,165,536	2,228,586	5,196,299	5,743,260	3,461,551	2,958,900	1,590,585	1,820,881	2,822,562	3,074,990
Milk and milk products, lbs.	700,896	475,012	453,010	340,394	132,922	28,740	109,707	90,232	128,468	241,450	547,590	1,200,466
Edible fats and oils, lbs.	3,088,646	2,544,766	1,157,161	500,868	263,674	283,771	344,559	598,637	802,705	614,192	275,151	274,949
Game, lbs.	934	290	200	1,172	203	4,744	2,079	925	738	809	621	357
Miscellaneous articles, pkgs.	452,701	347,297	665,103	859,454	1,061,823	992,734	909,160	826,239	722,899	589,195	529,649	469,493

Report of the Bureau of Bacteriology

For the Fiscal Year Ending June 30, 1938

J. V. MULCAHY, CHIEF

During the past year a greater volume of work has been done in this Bureau than in any previous year. The increasing use of laboratory facilities by the physicians of the State has taxed our personnel to meet the growing demands for this service. It has been increasingly difficult to provide large volumes of culture media to other Bureaus of the Department and to assemble the various mailing cases to meet the needs of the physicians and health departments with our present force that handles this part of the work. This staff has been able to meet these demands by diligent work and by working overtime. In order to meet these growing demands it will be necessary to add to this personnel. By a rearrangement of the laboratory space and the assignment of two additional rooms, better working conditions have been provided for the force in the wash room. More sinks were installed and these workers have been moved to a room away from close contact with the steam-pressure sterilizers. One room was provided on the third floor for the laboratory office. The office room vacated on the fourth floor was furnished to allow enlarged space for the force tubing culture media and assembling mailing outfits for the collection of specimens.

Another room has been equipped to handle the increased number of Wassermann tests and has enabled the technical force to work to better advantage. One group performs an exclusion test on these specimens that allow all negative findings to be reported by this method. All positive findings by this exclusion test are then turned over to another group that runs a complete complement fixation test and a Kahn test on these specimens.

The most marked increase in the laboratory work has been in the specimens received for examination for evidence of syphilis and gonor-

rhœa. The widespread publicity given to syphilis and the intensive program throughout the State to control these diseases has undoubtedly been responsible for the marked increase in the number of specimens sent in for examination.

The passage by the Legislature of the premarital law requiring the submission of blood specimens from all applicants for a marriage license after July 1, 1938, before a marriage license will be issued, will further increase the number of blood specimens to be examined for evidence of syphilis.

The Prenatal Medical Examination Law, that goes into effect January 1, 1939, will further add an increased number of blood specimens to be examined from all expectant mothers.

During the year ending June 30, 1938, 97,854 specimens were examined for evidence of syphilis. This number of specimens is an increase of 29,717 over those examined last year. At that time an increase of 13,873 was noted for the previous year, so that an increase of 43,587 additional examinations have been made in the last two years.

The following table shows the total number of bacteriological and serological specimens received for examination during the year. These specimens, in other tables in this report, are separately classified under the name of the disease for which they were examined.

TABLE I

TOTAL NUMBER OF SPECIMENS EXAMINED DURING FISCAL YEAR ENDING
JUNE 30, 1938

Diphtheria	9,523
Tuberculosis	9,954
Typhoid Fever	3,710
Typhoid bacilli (feces and urine)	6,949
Gonorrhœa	9,312
Syphilis	97,854
Miscellaneous specimens	7,885
Total	145,187

In this table, besides the increased number of examinations made for evidence of syphilis, a marked increase is shown in other examinations. The total bacteriological and serological examinations made during the year is almost 34,000 more specimens than were received for examina-

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tion last year. The miscellaneous specimens shown in this table, totaling 7,885, exceed by a thousand those examined last year. Specimens listed under this heading include specimens received for evidence of rabies in animals, meningitis, pneumococci typing, typhus fever, tularemia, undulant fever, Rocky Mountain spotted fever and many other types of examinations as shown in Table XI. These specimens for examination, as shown in this table, are received from the physicians of the State engaged in private practice, from other physicians connected with State, county and city institutions and from physicians employed by industrial plants and other organizations.

Arrangements have been made, in cooperation with the United States Public Health Service, to make more examinations of sputum specimens from cases of pneumonia occurring in this State during the coming year to determine what types of pneumococci are incitants of cases of pneumonia occurring in this State. Persons in charge of approved laboratories located in different sections of the State, have agreed to save specimens that may be received in their laboratories for examination. After they have made their examination the specimen will be collected by a messenger who will visit these laboratories on a regular schedule and return them to this laboratory for further examination by the Neufeld test, mouse inoculation and cultural methods. These results will be recorded and later tabulated to show the prevalent type of pneumonia occurring in this State over a period of a year. A technical assistant to devote full time to these examinations is to be assigned to this laboratory by the United States Public Health Service.

As a result of the increase in all diagnostic examinations the clerical work has been so heavy, typing reports to physicians and filing the duplicate records, that two additional typists have been added to the staff during the year. With the operation of the marriage law this work will be increased, as a certificate form for each applicant for a marriage license in this State must be typed, stating that an examination of a specimen of blood has been made, and this certificate form is then sent to the physician together with a report of the result of the examination. At least another clerk will be needed to care for this additional work.

It will be seen from the following table that rabies has been more prevalent in this State during the past fiscal year than it has for several

years. A greater number of dogs examined this year in this laboratory have been found to be rabid.

TABLE II

YEARLY TOTALS OF ANIMALS EXAMINED FOR RABIES FROM 1929 TO 1938, INCLUSIVE

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Positive	106	96	80	177	130	86	75	150	82	138
Negative	115	121	114	123	121	93	94	121	138	110
Unsatisfactory	22	11	8	27	21	10	12	12	12	17
Total	243	228	202	327	272	189	178	283	232	265

Of the 265 examinations made for evidence of rabies, 138 or 52% were found to have been infected with rabies. Of this number 136 dogs were found infected, one human case showed evidence of rabies and one goat. Animal inoculations are made, with a brain emulsion in glycerin, on all specimens that were not found to be rabid by direct microscopical examination. There were 132 subdural inoculations made on these specimens. Of this number, two were found to be rabid. One of these on the direct microscopic examination showed suspicious inclusions and had been reported as suspicious. The other positive was on the human brain. Many of these rabid animals were sent from Middlesex County. It was found that 41 were rabid in this county. Morris County had 22 rabid animals, Warren County had 13, and 11 each were received from both Burlington and Mercer Counties. Somerset County had 16. The other counties from which rabid animals were received were as follows: Atlantic, 2; Camden, 4; Cumberland, 2; Essex, 5; Hunterdon, 1; Passaic, 1; Sussex, 1; Union, 7. The towns from which rabid animals were received are shown in Table XIV.

Other animal inoculations were made on 27 specimens of sputum for the presence of tubercle bacilli on special cases; 102 specimens of urine for tubercle bacilli; 42 specimens of various body fluids; 29 for virulence of diphtheria bacilli and 9 for miscellaneous tests.

A large number of feces and urine specimens have been examined, mostly from food handlers, but many are from suspected carriers who are thought to be responsible for cases of typhoid fever and also from suspected or convalescent cases of typhoid fever. The majority of food

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handlers from whom specimens are examined are from men and women who are milk handlers of certified milk, New Jersey Grade A milk, food handlers in various camps throughout the State and from those food handlers required to submit specimens in compliance with local health ordinances.

Besides using brilliant green agar and endo medium for the isolation of typhoid bacilli from feces and urine specimens that has been routine in this laboratory, we have found that the bismuth sulphite agar of Wilson and Blair for the isolation of typhoid bacilli from feces is a useful medium for this purpose. When typhoid bacilli are present in very small numbers in convalescent cases of typhoid fever or carriers, it is possible with this medium to use a larger amount of diluted feces to inoculate the bismuth sulphite agar plates facilitating the isolation of typhoid bacilli from such cases. At the present time all three mediums are used for this purpose.

A tabulation showing the results of feces and urine specimens examined during the year ending June 30, 1938, will be seen in Table XI.

A provision of the Premarital Medical Examination Law requiring blood tests before marriage is that standard laboratory blood tests approved by the Director of Health shall be made in a laboratory approved by the Director of Health. To perform such serological tests a standard blood test as required under this act approved by the Director shall be a complement fixation Wassermann test or a Kahn precipitation test or a Kline fluctuation test. For several years previous to the passage of this act some laboratories had already been approved to perform the above tests. Laboratories not already approved were notified that it would be necessary to apply for and receive approval if they wished to make blood tests sent in by physicians from applicants for a marriage license.

Many applications were received from these laboratories for approval for such examinations. These laboratories were visited and approval recommended if the laboratory quarters, equipment and facilities for making the standard blood tests were satisfactory and the person in charge had the education, experience and ability to perform such tests. A list of these laboratories so approved for making these standard blood tests was prepared and sent to the physicians in the State. The person in charge of each approved laboratory for making tests under the provisions of this act has been furnished with a number of copies of the

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certificate form for use in certifying that a standard blood test has been made from an applicant for a marriage license.

After the blood test has been made in a laboratory approved for performing premarital blood tests for syphilis, the top section of this certificate form is filled in and returned to the physician. A separate report of the result of the examination of the specimen of blood is sent on the regular laboratory report form to the physician submitting the specimen.

These certificate forms will be available only at approved laboratories and are not to be furnished to any person except when issued after a specimen of blood has been examined from an applicant for a marriage license submitted by a licensed physician.

It is requested that a separate record of the numbers and results of tests that are made from applicants for a marriage license be kept by these laboratories so that information will be available to show the percentage of positive tests found.

Other phases of the laboratory work are shown in the following tables :

TABLE III

SPECIMENS EXAMINED FOR DIPHTHERIA BACILLI, DURING FISCAL YEAR ENDING
JUNE 30, 1938, BY MONTHS

MONTH	Positive	Negative	Unsatisfactory	Total
July	26	596	23	645
August	7	287	13	307
September	10	502	12	524
October	29	1,069	16	1,114
November	35	552	20	607
December	47	1,312	55	1,414
January	32	811	36	879
February	48	914	26	988
March	37	764	27	828
April	40	756	27	823
May	43	498	24	565
June	13	790	26	829
Total	367	8,851	305	9,523

During the year twenty-four tests were made for the virulence of the diphtheria bacillus.

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TABLE IV

SPECIMENS EXAMINED FOR TUBERCLE BACILLI, DURING FISCAL YEAR ENDING
JUNE 30, 1938, BY MONTHS

MONTH	Positive	Negative	Unsatisfactory	Total
July	126	363	3	792
August	144	603	10	757
September	150	544	6	700
October	140	727	12	879
November	155	690	10	855
December	133	630	3	766
January	115	727	12	855
February	125	684	11	820
March	148	883	6	1,037
April	97	712	3	812
May	140	668	1	810
June	163	699	9	871
Total	1,637	8,231	86	9,954

TABLE V

SPECIMENS EXAMINED FOR TYPHOID FEVER REACTION, DURING FISCAL YEAR
ENDING JUNE 30, 1938, BY MONTHS

MONTH	Positive	Negative	Unsatisfactory	Total
July	10	478	11	499
August	21	304	7	332
September	18	281	14	313
October	3	236	11	250
November	9	191	6	206
December	4	344	9	357
January	6	299	5	310
February	..	250	5	255
March	6	276	6	288
April	7	252	4	263
May	11	220	7	238
June	13	380	6	399
Total	108	3,511	91	3,710

TABLE VI

SPECIMENS OF FECES AND URINE EXAMINED FOR TYPHOID BACILLI, DURING
FISCAL YEAR ENDING JUNE 30, 1938, BY MONTHS

MONTH	Positive	Negative	Unsatisfactory	Total
July	7	608	23	638
August	13	389	4	406
September	8	563	3	574
October	17	566	8	591
November	15	360	8	383
December	18	517	11	546
January	17	957	91	1,065
February	16	756	30	802
March	5	517	13	535
April	7	453	10	470
May	12	398	3	408
June	15	509	7	531
Total	150	6,588	211	6,949

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TABLE VII

SPECIMENS EXAMINED FOR GONOCOCCI (PUS SMEARS), DURING FISCAL YEAR
ENDING JUNE 30, 1938, BY MONTHS

MONTH	Positive	Negative	Unsatisfactory	Total
July	122	336	32	790
August	141	495	29	665
September	168	668	49	885
October	150	650	23	823
November	143	639	28	810
December	114	513	27	654
January	120	649	32	801
February	104	589	17	710
March	93	764	33	890
April	89	649	18	756
May	113	554	28	695
June	123	676	34	833
Total	1,480	7,482	350	9,312

TABLE VIII

MISCELLANEOUS SPECIMENS EXAMINED DURING FISCAL YEAR ENDING
JUNE 30, 1938, BY MONTHS

MONTH	Positive	Negative	Unsatisfactory	Total
July	70	692	10	772
August	71	674	4	749
September	93	469	6	568
October	96	444	3	543
November	49	323	6	378
December	88	467	4	559
January	142	545	45	732
February	154	524	8	686
March	180	651	15	846
April	138	440	7	585
May	178	467	6	651
June	171	633	12	816
Total	1,430	6,229	126	7,885

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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, 1938, BY MONTHS

MONTH	4+	3+	2+	+	±	—	Uns.	Total
July	382	16	30	45	43	5,887	339	6,742
August	338	26	37	46	48	5,972	297	6,764
September	338	20	32	54	48	5,943	243	6,678
October	354	13	42	41	63	6,059	223	6,795
November	353	37	31	61	79	5,907	255	6,813
December	467	40	24	31	42	6,196	225	7,025
January	453	61	49	94	117	7,684	387	8,845
February	458	59	27	45	65	7,956	393	8,983
March	645	50	54	78	96	9,526	476	10,925
April	518	42	26	79	95	7,814	397	8,971
May	466	34	47	49	53	8,330	208	9,187
June	434	38	46	38	84	9,273	213	10,126
Total	5,206	416	445	661	833	86,637	3,656	97,854

TABLE X

SPECIMENS OF BLOOD AND SPINAL FLUID EXAMINED FOR SYPHILIS (COMPLEMENT FIXATION TEST), WITH CHOLESTERINIZED ANTIGEN, DURING FISCAL YEAR ENDING JUNE 30, 1938, BY MONTHS

MONTH	4+	3+	2+	+	±	—	Uns.	Total
July	542	1	..	52	13	5,794	339	6,742
August	512	..	..	61	14	5,880	297	6,764
September	490	..	..	56	8	5,881	243	6,678
October	513	..	1	97	37	5,924	223	6,795
November	587	3	1	103	32	5,832	255	6,813
December	600	..	..	49	20	6,131	225	7,025
January	769	3	1	86	34	7,565	387	8,845
February	647	..	..	62	34	7,847	393	8,983
March	889	1	1	101	18	9,439	476	10,925
April	727	4	1	114	14	7,714	397	8,971
May	780	10	9	181	18	7,981	208	9,187
June	658	..	1	262	31	8,961	213	10,126
Total	7,714	22	15	1,225	273	84,949	3,656	97,854

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TABLE XI

MISCELLANEOUS SPECIMENS EXAMINED, POSITIVE, NEGATIVE AND UNSATISFACTORY
DURING FISCAL YEAR ENDING JUNE 30, 1938

<i>Specimen for</i>	<i>Positive</i>	<i>Negative</i>	<i>Unsatisfactory</i>
Rabies	138	110	17
Amoeba	6	425	53
Bacterial infection (body fluids, blood, feces, pus, sputum, urine, etc.)	833	249	19
B. tuberculosis (body fluids, feces, pus and urine)	29	188	6
B. typhosus (bile, blood and water)	...	24	...
Paratyphoid fever (blood reaction for)	4	1,494	13
B. Para-typhosus (bile, feces, urine and water)	19	1,104	...
B. dysentery (feces and bile)	3	109	...
Dysentery (blood reaction for)	...	21	...
Hemolytic streptococci (throat cultures)	22	475	4
Malarial parasite (blood)	...	44	1
Meningococci	...	59	...
Ophthalmia neonatorum	37	45	1
Pneumonia	6	6	1
Rocky Mountain spotted fever (blood reaction for)	5	14	...
Streptococci (milk)	11	31	...
Treponema pallida	...	2	...
Tularemia	1	90	...
Typhus fever (blood reaction for)	4	39	1
Undulant fever	73	924	7
Vincent's angina	102	320	1
Special bacterial count of egg samples	14	...	...
Special examination of restaurant utensils	...	480	...
Other unusual examinations	123	76	2
Total	1,430	6,329	126
Grand total			7,885

TABLE XII

SPECIMENS EXAMINED FOR EVIDENCE OF BRUCELLA INFECTION, DURING FISCAL YEAR
ENDING JUNE 30, 1938

	<i>Positive</i>	<i>Negative</i>	<i>Unsatisfactory</i>
Undulant fever			
Agglutination test of human blood	72	916	7
Human blood (culture for type of organism)	...	6	...
Urine (culture for type of organism)	...	2	...
B. Abortus			
Agglutination test of cow's milk	1	...	...
Total	72	924	7
Grand total			1,004

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TABLE XIII

RABIES SPECIMENS, SPECIES OF ANIMALS, POSITIVE, NEGATIVE AND UNSATISFACTORY
EXAMINED DURING FISCAL YEAR ENDING JUNE 30, 1938

Dogs—Positive, 136; negative, 99; unsatisfactory, 15.
Cats—Negative, 9; unsatisfactory, 1.
Bulls—Unsatisfactory, 1.
Human—Positive, 1.
Goats—Positive, 1; negative, 1.
Raccoons—Negative, 1.

TABLE XIV

MUNICIPALITIES, ARRANGED BY COUNTIES, FROM WHICH RABID ANIMALS WERE
EXAMINED DURING FISCAL YEAR ENDING JUNE 30, 1938

Atlantic County—Hammonton, 1; Pleasantville, 1.
Burlington County—Beverly, 1; Bordentown, 2; Burlington, 2; Moorestown, 3; Rivers-
side, 2; Riverton, 1.
Camden County—Camden, 1; Gibbsboro, 1; Haddonfield, 1; Laurel Springs, 1.
Cumberland County—Millville, 1; Vineland, 1.
Essex County—Nutley, 1; Orange, 3; Verona, 1.
Hunterdon County—Glen Gardner, 1.
Mercer County—Pennington, 1; Princeton, 3; Trenton, 7.
Middlesex County—Carteret, 1; Cranbury, 1; Highland Park, 4; Jamesburg, 2;
Metuchen, 2; Milltown, 1; New Brunswick, 11; Perth Amboy, 5; South Amboy, 1;
South Plainfield, 1; South River, 4; Stelton, 7; Woodbridge, 1.
Morris County—Dover, 13; Flanders, 1; Madison, 4; Mendham, 2; Rockaway, 1;
Towaco, 1.
Passaic County—Passaic, 1.
Somerset County—Raritan, 1; Rocky Hill, 1; Skillman, 1; Somerville, 8; South Bound
Brook, 5.
Sussex County—Newton, 1.
Union County—Cranford, 1; Linden, 1; Mountainside, 1; Rahway, 2; Westfield, 2.
Warren County—Belvidere, 1; Hackettstown, 6; Millbrook, 1; New Village, 1;
Phillipsburg, 3; Port Colden, 1; Stewartsville, 1.

DEPARTMENT OF HEALTH

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, 1938

Diphtheria—Regular mailing cases	11,602	
Serum tubes and swabs	753	
Extra swabs	2,801	
		15,156
Tuberculosis mailing cases		12,963
Typhoid fever mailing cases		3,581
Malaria mailing cases		140
Gonorrhœa mailing cases		13,309
Feces and urine mailing cases		8,370
Syphilis mailing cases		116,657
Ophthalmia neonatorum mailing cases		103
Total		170,279

TABLE XVI

CULTURE MEDIA PREPARED DURING FISCAL YEAR ENDING JUNE 30, 1938

Endo agar	156,400 c. c.
Brilliant green agar	220,000 c. c.
Infusion agar	10,000 c. c.
Triple sugar agar	8,000 c. c.
Plain agar	260,000 c. c.
Dextrose agar	10,000 c. c.
Liver agar	4,000 c. c.
Double strength broth	580,000 c. c.
Single strength broth	1,240,000 c. c.
Infusion dextrose broth	10,000 c. c.
Infusion broth	10,000 c. c.
Dextrose broth	1,000 c. c.
Brilliant green bile	210,000 c. c.
Blood serum	28,400 c. c.
Dilution water	164,000 c. c.
Total	2,911,800 c. c.

Report of the Bureau of Chemistry

For the Year Ending June 30, 1938

JOHN 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 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, Fish and Game Commission, Milk Control Board, State Institutions and State Tax Department. Analyses are also made of various samples of foods and supplies purchased under specifications for institutional use, rural school waters submitted by local Boards of Education, drinking water, lakes and streams 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.

There were 22,380 samples of foods, drugs, water, sewage and miscellaneous preparations examined during the past year, an increase of 4,070 or 23%. However, this does not give a true picture of the actual increase of work. This is better portrayed by a comparison of work units on samples submitted the water laboratory for examination. Extended field investigations of trade waste pollutions and the taking over by the laboratory of tests formerly conducted in the field require additional chemical work upon such samples. While the number of samples sub-

mitted show an increase of 15.3%, yet due to the extra analytical work the actual increase in work units is 34.3%. In the food and drug laboratory, however, the percentage increase in the number of samples submitted does represent a corresponding increase in work. It is seen, therefore, that the Bureau has handled an average increase of 34% in work. The tabulations indicate the variety of products analyzed.

An additional room was fitted up for chemical and bacteriological analyses during the latter part of the fiscal year. This has greatly relieved the congestion due to overcrowding and lack of space and as an adequate 20°C. incubator room is now provided, the laboratory, beginning May 1, 1938, took over the biochemical oxygen demand tests formerly done in the field. This test is assuming increasing importance in the field of sanitation and greater reliance is placed upon results thus obtained as being more representative of actual purification in stream pollution studies. A junior biochemist was given a six weeks' training course under Social Security funds to take care of the increased laboratory work and next year's budget contains monies for the permanent employment of such a man.

The preliminary surveys made by the hydrobiologist employed temporarily for three months, March, April and May, 1937, indicated the need for a comprehensive aquatic survey of the reservoirs and streams of this State used as sources for drinking water. With monies furnished from Social Security funds, the temporary service of the hydrobiologist was extended for one year. The major portion of eight months was spent in the field making qualitative and quantitative studies of the marine life. The remaining four months were utilized in enumerating, classifying and illustrating the marine growths; searching the literature and compiling up to date bibliography; photographing and coloring the illustrations, typing the descriptions and combining all into three loose leaf binders. The Department now has in its library three beautifully illustrated volumes of marine growths which would normally be encountered in the streams and reservoirs of New Jersey and the data collected should be of great assistance in controlling objectionable odors and tastes in drinking waters and make for more efficient operation of sand filters.

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TABLE SHOWING NUMBER AND CHARACTER OF SAMPLES EXAMINED IN FOOD AND DRUG LABORATORY DURING THE FISCAL YEAR ENDING JUNE 30, 1938

	<i>Above Standard</i>	<i>Below Standard</i>	<i>Total</i>
Milk	5,699	86	5,785
Bacteriological milk	62	...	62
Chocolate milk	25	5	30
Canned milk	6	...	6
Cream	254	3	257
Ice cream	662	40	702
Sour cream	79	15	94
Sherbert and frozen custard	4	6	10
Cottage cheese	78	1	79
Butter	286	24	310
Cheese	12	1	13
Eggs	197	...	197
Hamburg	1,245	45	1,290
Pork sausage	619	14	633
Frankfurters and other meat products	23	28	51
Fruit and vegetables for arsenic spray	596	153	749
Canned fruit and vegetables	74	2	76
Cranberry sauce	15	3	18
Soft drinks	24	27	51
Alcoholic beverage	3	...	3
Vinegar	32	2	34
Extracts	115	2	117
Olive oil	120	40	160
Distilled water	74	13	87
Total foods	10,304	510	10,814
Camphorated oil	86	2	88
Chloroform liniment	72	29	101
Citrate of magnesia	147	3	150
Hydrogen peroxide	83	7	90
Spts. of nitre	114	83	197
Tincture of iodine	110	2	112
Witch hazel	85	35	120
Miscellaneous	33	9	42
Urinalysis	41	1	42
Blood count	15	...	15
Total drugs	786	171	957
Total foods and drugs	11,090	681	11,771

SAMPLES ANALYZED IN WATER AND SEWAGE LABORATORY FROM JULY 1, 1937, TO JUNE 30, 1938

1937	Total samples	Public water supplies	Pay samples	Camp samples	Miscellaneous samples	County and State institutions	Surf samples	Dairy samples	Bottled waters	Bathing waters	School supplies	Ice samples	Watershed samples	Stream samples	Sewage samples	Trade waste samples	Sand supplies	Experimental samples
July	1,256	233	12	37	98	16	.....	5	.....	34	3	.....	94	464	226	8	1	25
August	1,298	223	16	34	63	6	180	2	20	.....	2	.....	123	584	20	22	2	1
September	905	219	11	2	70	10	.....	3	.....	3	7	.....	92	425	53	10	.....	.....
October	675	251	9	.....	39	27	.....	2	32	.....	43	.....	.....	228	27	13	4	.....
November	586	194	4	.....	32	11	.....	5	47	.....	128	.....	59	11	78	17	.....	.....
December	503	185	5	.....	34	17	.....	8	30	.....	119	.....	57	7	16	18	1	6
1938																		
January	608	203	5	.....	44	18	.....	1	13	.....	165	5	78	25	17	30	4	.....
February	727	185	3	.....	33	6	.....	5	39	.....	119	1	96	13	215	8	4	.....
March	1,029	297	8	.....	31	10	.....	8	58	.....	43	.....	79	96	394	4	1	.....
April	858	226	7	.....	52	18	.....	.....	80	.....	41	.....	92	42	285	14	1	.....
May	1,493	532	13	.....	52	10	184	5	71	.....	31	.....	.....	112	325	28	3	127
June	1,352	440	8	.....	115	6	.....	1	75	5	5	.....	.....	241	392	56	8	.....
	11,290	3,188	101	73	663	155	364	45	465	42	706	6	770	2,248	2,048	228	29	159

Report of the Bureau of Maternal and Child Health

For the Calendar Year 1937

JULIUS LEVY, M.D., CONSULTANT

MATERNAL MORTALITY

New Jersey continues to take a forward step in reducing the maternal mortality. The 1937 rate was 3.2, a reduction of .5 from the low rate of 1936.

Comparison of New Jersey's rate with that of the other States of the country shows New Jersey in a very favorable light. Of the 48 States, only three show a slightly lower rate than New Jersey. During 1936, only one State had a lower rate than New Jersey but surpassed this State in 1937. It would seem that New Jersey's reduction in maternal mortality since 1933 has been consistent and encouraging.

INFANT MORTALITY

The infant mortality rate for New Jersey in 1937 dropped five points from the 1936 rate which was the lowest in the history of the State at that time. Not only is the 1937 rate of 39 the lowest ever attained by this State but is the lowest in the United States, nosing out the State of Washington by three-tenths of a point.

Of all the deaths that occur under one year of age, 61% occur during the first month, 50% occur during the first week and 30% on the first day.

Of all the causes of infant mortality, prematurity is the largest single factor. This is responsible for 30% of the total infant deaths. Malformations cause 13% of infant deaths and injury at birth causes 10%. Pneumonia is responsible for 17% of infant deaths. The other 30% is distributed among 27 diseases.

Continual advances are being made in the field of obstetrical care. This should cause a reduction of infant mortality in the future through decrease of prematurity which, today, represents 70% of the causes of death in the first month of life.

Of the 21 counties in the State, Cape May with an infant mortality rate of 25 has the best record, while Hunterdon with a rate of 63 has the highest rate. Both of these counties are rural, and on account of the small number of births, single-year variations do not have much significance. Of the urban counties, Bergen with an infant mortality rate of 33 was low, closely followed by Essex with a rate of 34. Morris and Union had rates of 35. Camden County was high among the urban counties with a rate of 47.

East Orange, with a rate of 22, continues to have the low rate among the 10 largest cities. Camden City with a rate of 52 has the highest rate. Of those cities with a population between 25,000 and 50,000, West New York has the lowest rate, 18, closely followed by Bloomfield with 19. Kearny had the highest rate in this group, 52.

Among the cities with a population between 10,000 and 25,000, South River had the lowest rate, 14, closely followed by Harrison with a rate of 15, and Hawthorne with 16. The highest rate in this group occurred in Carteret, 71. Newark, with a population of 450,000, had the low rate of 39, and is the second lowest in the United States of cities with a population over 400,000.

EXTENSION OF HEALTH SUPERVISION

The number of child hygiene nurses increased from 178 in 1936 to 194 in 1937. They covered nearly 500 communities. One hundred and thirty-five of these nurses were paid entirely by the communities in which they work. There were 30 paid entirely by the State, and 25 partly by the State and partly by the communities in which they work. An increase in the number of nurses paid through the State was largely due to the funds received from the U. S. Children's Bureau.

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During 1937, nurses were placed in the following communities for the demonstration period:

Bergen County— Carlstadt Fairview Lyndhurst (Third)	Cumberland County— Millville	Middlesex County— Carteret
Camden County— Waterford Twp. Pine Hill	Hunterdon County— Tewksbury Twp. Clinton Twp. Union Twp.	Passaic County Hawthorne
		Union County— Union Twp. Chatham

During 1937, 12 communities assumed whole or part of the salary of the child hygiene nurse. These communities were:

Camden County— Berlin Twp.	Gloucester County— Washington Twp. Elk Twp.	Middlesex County— South River South Amboy Sayreville
Cape May County— Sea Isle City West Cape May	Mercer County— Hamilton Twp.	

STATISTICAL SUMMARY OF THE NURSES' WORK

One hundred and ninety-four child hygiene nurses, supervised by the State Department of health, had under supervision 9,190 expectant mothers, 26,135 babies, 47,477 children between one and six years of age and 139,994 school children.

135 nurses were paid by the communities in which they work
 25 were paid partly by the communities and partly by the State
 30 were paid entirely by the State

These nurses covered nearly 500 communities and conducted 200 Baby Keep-well Stations weekly, or semi-monthly.

Visits made in the homes by the nurses	406,984
To expectant mothers	41,819
To babies	150,324
To children between 1 and 6	138,411
To school children	76,430
Visits to Baby Keep-well Stations	92,865
By babies	68,948
By preschool children	23,917

Prenatal advice (expectant mothers)—

Supervised prenatal cases	9,190
Attendant at births—	
Hospital	3,163
Doctor at home	2,151
Midwife	451
Not specified	7
Total pregnancies terminated	5,772

Infant Care—

Babies supervised	26,135
New cases	14,345

Preschool Care—

Children 1 to 6 supervised	47,477
New Cases	15,602

Illnesses and defects (not including school child)—

Detected	9,805
Corrected	5,769

Cases referred to proper authorities for care or correction

Prenatal cases	2,713
Relief cases	1,893
Contagious diseases (suspected)	2,992
Tuberculosis cases (suspected)	481
Veneral disease (suspected)	210
Unsanitary conditions	667
Behavior problems	728

Child Hygiene Leagues Conducted

Eye smears taken

Children under five years of age vaccinated

Free vaccinations	2,414
Paid vaccinations	2,991
Vaccinations by Age Groups—	

Under 1 Year	1 to 2 Years	2 to 3 Years	3 to 4 Years	4 to 5 Years
455	691	631	693	2,935

Children under five years of age immunized against diphtheria

Free immunizations	3,203
Paid immunizations	3,224
Immunizations by Age Groups—	

Under 1 Year	1 to 2 Years	2 to 3 Years	3 to 4 Years	4 to 5 Years
1,564	1,716	1,131	864	1,152

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School Children—

Inspections (annual, general, classroom or assisting doctor)	958,477
Defects detected	134,309
Defects corrected	56,807
Pupils excluded by principal	18,955
Children receiving toxoid	4,602
Cultures taken	562

OBSTETRICAL CONSULTATIONS

Free obstetrical consultations for low-wage group families have been continued. Qualified physicians have been selected by the family physician. During 1937, there were 100 consultations at a cost of \$10.00 each. These consultations have contributed to the general improvement of maternal welfare.

NURSE DELIVERY SERVICE

The free nursing delivery service continues to offer the assistance of properly trained, registered and experienced nurses to enable the doctor to do better obstetrics in the home as well as to make this period more comfortable for the mother. Wherever it was possible the staffs of the visiting nurses' associations were used. Where no visiting nurse association was available, the supervisor of delivery service employed by the Department of Health reviewed with the private duty nurses, employed at delivery, proper procedures for obstetrical care in the home. The qualifications of each nurse are carefully examined. Institutes have been arranged for specific training in obstetrical techniques.

During the year there were 1,074 home deliveries where 203 different nurses assisted and were paid through the Department. Of the 1,074 cases, 375 were cared for by visiting nurses and 699 by individual nurses.

NUTRITION PROGRAM

In June a meeting was held with Dr. H. J. Baker, Director of New Jersey Extension Service in Agriculture and Home Economics and members of our Bureau for the purpose of discussing some plan of co-operative effort for further education of the nurses in nutrition.

Plans were made and arrangements carried out so that all nurses under the supervision of the Bureau attended lectures given by the county

demonstration agents in their respective counties. These nurses met in eight groups throughout the State for these lectures. This work has been helpful to the nurses. The county demonstration agents in turn feel that the contacts with the nurses have helped them to extend their work in the county.

The subject matter discussed was planned with emphasis on "Planning the Family Food Budget" as well as various facts in nutrition to further help the nurses in families of the low-wage group as well as other families.

MEDICAL PARTICIPATION

Cooperation has continued with the Medical Society of New Jersey to increase the interest and understanding of physicians in certain phases of preventive medicine. From funds made available by the Children's Bureau of the U. S. Department of Labor through the Social Security Act, lecture courses have been arranged, in cooperation with the Post-Graduate Committee of the Medical Society, for physicians in the care of well babies. These were well attended.

FIELD PHYSICIANS

In July the number of field physicians was increased from 16 to 22 so that there will be a field physician for each county. The field physician was appointed by the Department after recommendation from the County Medical Society and a special committee of the State Medical Society. His function has been to visit each physician in his county in order to stimulate his interest and increase his familiarity with preventive aspects of maternal and child health. Record forms for prenatal and infant care have been supplied in addition to literature for distribution to mothers.

INVESTIGATION OF PUERPERAL DEATHS

In addition the field physician has investigated all puerperal deaths in his county and has reported his findings to the chairman of the Maternal Welfare Committee. He has further visited the hospitals to interest them in adopting standards prepared by the Maternal Welfare Committee.

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The field physician has also arranged for obstetrical conferences at the hospitals at which the chairman of the Maternal Welfare Committee has discussed the result of the investigations of puerperal deaths in the respective counties.

BABY KEEP-WELL STATIONS

During the year there have been 62 physicians appointed to the Baby Keep-well Stations. Through the activities connected with the baby station, the physicians have had the opportunity to familiarize themselves with the educational phase of keeping the well babies well, as well as giving helpful advice to the mothers who bring their babies to the station. On account of the limitation of funds, it has been impossible to appoint physicians to all the baby stations even in the rural areas.

Frequent conferences have been held with the doctors of the baby stations and with the field physicians. It has been very gratifying to find that these newer phases of our activities have been well received and have not produced any difficulties or friction.

TRAINING OF PERSONNEL

During the year 1937, four classes of one month's duration each were held by the educational advisor in the demonstration department of the Bureau of Maternal and Child Health. These classes were held for the purpose of instructing the 15 new nurses, who came under supervision of the Bureau, in the duties which they would find themselves called upon to fulfill in their various districts. In addition to teaching procedures, there was an earnest effort made to promote in the minds of these nurses an understanding and appreciation of the ideals of the work as it is carried on by the Bureau.

For the past eight years there has been an educational advisor in the Department of Health who has been teaching the nurses coming in either as employees of the Department of Health or as an employee of the local board of health under State supervision. This educational advisor meets all the qualifications set up by the National Organization for public Health Nursing.

The Bureau of Maternal and Child Health maintains a demonstration district in connection with its main offices in Trenton. The nurse who is

entering the public health field through this Bureau, either as an employee on the State payroll or as a nurse supervised by the Bureau of Maternal and Child Health, must take this preliminary course in the demonstration center in Trenton. The content of this work is in two parts—1, theory which is taught within the demonstration district; and 2, field work in nearby communities where child hygiene nurses have been carrying on the continuous program.

In order to give the nurses a fully rounded concept of our practical application of child health, the Bureau advisor in parent-child relationships gives them a few introductory lectures on the mental and emotional growth of the child.

Upon completion of this course in Trenton, the nurses are placed under their district supervisor who spends at least two weeks with the nurse helping to apply to the community the theory of the work she has received in the demonstration district. This nurse is then seen at least once a month or as frequently as the district supervisor feels that it is necessary to accompany her into the field.

These nurses, who have been in the demonstration district, are required to take a course in parent-child relationships as given each year by the University of Newark.

Besides visiting with each nurse in the field in some phase of her work during each month, the district supervisor holds monthly staff conferences. Here there is discussion of the problems which have been met in the field by the nurse with an interchange of ideas as to the best way in which they may be met.

The educational advisor also makes one or two visits to each nurse in the field so that she may decide the effectiveness of her own instruction in the demonstration district.

In addition to the educational advisor's duties as described above, she also serves on the educational committee of the State Organization for Public Health Nursing and gave one radio talk on the subject of "Equipping the New Arrival" at the request of the State Department of Agriculture.

In addition to this, the educational advisor has taken certain courses at nearby universities and has assisted in revising a number of the record forms used by the Bureau. Much material was investigated that might prove helpful for department use and a number of the departmental records were studied with the idea of lessening clerical work of the nurse.

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MIDWIFERY

During the year 1937, there were 335 licensed registered midwives in New Jersey. Of these, 300 were supervised by the State Department of Health and 35 were under the local supervision of Jersey City. This is a decrease of 11 in the number of midwives registered since 1936 and a decrease of 94 since 1932.

PRENATAL CASES

The midwives under supervision of the State Department of Health referred to doctors or clinics 1,157 prenatals for health supervision.

Of the 335 licensed midwives, 74 delivered more than 12 cases a year; 187 delivered less than 12 cases a year and 66 did not deliver any during the year.

UNLICENSED MIDWIVES

In three instances investigations were made to find whether unlicensed midwives were practicing in this State. This investigation shows that during the year there were no unlicensed midwives practicing.

NUMBER OF CASES DELIVERED BY MIDWIVES

The total number of births in 1936 was 54,145, and in 1937, 55,176, making an increase of 1,031. The total births delivered by midwives in 1936 was 3,231 or 5.9 of the total births, whereas in 1937 they delivered 2,691 or 4.9. In 1919 the total births were 70,935 of which 30,000 or 42.2 were delivered by midwives.

<i>Year</i>	<i>Total Births</i>	<i>Births Delivered by Midwives</i>	<i>Percentage of Births Delivered by Midwives</i>
1919	70,935	30,000	42.2
1923	76,530	17,645	23
1928	68,297	11,352	16.6
1933	56,072	5,135	9.1
1937	55,176	2,691	4.9

The following are counties where midwives delivered more than 10% of the births during 1937:

Middlesex	3,033	477	15.3
Somerset	929	131	14.1

The following table includes cities in New Jersey where midwives delivered over 10% of the births in 1937:

<i>City</i>	<i>Total Births</i>	<i>Births Delivered by Midwives</i>	<i>Percentage</i>
Passaic	709	93	13.1
Cliffside Park	190	28	14.7
Hoboken	610	103	16.8
Long Branch	236	45	19.06
Garfield	380	75	19.07
Elizabeth	1,537	16	20.5
Perth Amboy	630	175	27.7
Carteret	169	59	34.9
South River	142	70	49.2

SUPERVISION

During the year the eight county associations continued to hold interesting meetings. There were 73 meetings with an attendance of 985. The lectures at the meetings were given by local physicians and the supervisors gave various demonstrations and reviewed the doctors' lectures with the midwives.

The Annual Conference for Midwives was also held and subjects of interest to the midwives were presented by lecturers outstanding in their work.

ABNORMAL CASES

One hundred and eighty-three or 6.8 of the total cases delivered by midwives were reported as abnormal. Of these, in 162 instances doctors were called in and in 11 instances, patients were sent to the hospital.

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SPECIAL INVESTIGATIONS

The following is a list of 31 cases that were thoroughly investigated to find whether the midwives were following instructions in their practice or in any way responsible for the deaths:

Puerperal deaths	11
Infant deaths	2
Puerperal Septicemia	1
Stillbirths	10
Other abnormals	7

Nine cases of congenital deformities were referred to the commission for the care of cripples.

PROSECUTIONS

During 1937, two midwives were arrested and were charged with criminal abortions. These cases are now pending in local courts.

ILLEGITIMATE BIRTHS

During 1937, there were reported 1,316 illegitimate births. The Bureau has continued contacting the hospitals to interest them in keeping the baby with the mother. Forms for reporting such cases are supplied to the hospitals by the Bureau, so that social workers may plan for the future of the mother and child. There is need for convalescent homes where the mothers may keep their babies with them and learn properly to care for themselves and the babies.

CLASSES IN CLINTON REFORMATORY FOR MOTHERS

Classes in child care in the Reformatory for Women at Clinton were continued during the year. These mothers are taught the proper care of the baby by a series of simple lectures and demonstrations given weekly for 12 weeks. They are very much interested and marked improvement in attitude and care has been noted.

These classes were inaugurated 14 years ago.

DEPARTMENT OF HEALTH

AUDIOMETER

In 1932 the Bureau purchased an audiometer for use in the schools throughout the State. This is rented to a school system for a small fee. It has been used in almost every county in the State with helpful results to many children who in some instances were classroom problems.

During the year approximately 12,000 children had their hearing tested by the audiometer. Children with defective hearing were referred to the family physician. Many classroom adjustments in seating arrangements resulted from the test.

A new audiometer has been purchased by the Bureau for the coming year.

MATERNITY HOMES

There were 26 applicants for a license to conduct maternity homes during the year; 22 were for renewal of licenses and four were for new licenses.

Two homes licensed during 1936 were discontinued. In 25 homes, the number of patients ranged from one to four at a time. One home had 15 patients at one time. There were four more licensed homes in 1937 than in 1936.

Four homes were conducted by graduate nurses, 12 by practical nurses, seven by physicians and three by licensed, supervised midwives.

There were 427 cases delivered in these homes during the year. There was one maternal death, two infant deaths and six stillbirths.

Regular inspections were made of all maternity homes and each abnormal case was carefully investigated.

ADVISOR IN MENTAL HYGIENE AND PARENT-CHILD RELATIONSHIPS

The mental hygiene program of the Bureau, under the direction of an Advisor in Mental Hygiene and Parent-Child Relationships, aims to give supervisors and nurses an understanding of preventive mental hygiene in the fields of Child Development and Parent-Child Relationship so that they may bring this information and understanding to the mothers of the State. Through a knowledge of essential principles in mental hygiene, a better understanding of child nature, development and parent-

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child relationship, it is hoped so to improve parental attitudes and conduct that behavior problems, maladjustments and possible future delinquencies may be lessened.

Many of the cases of delinquency in adolescents and personality maladjustment in adult life are the result of poor behavior patterns and personality difficulties established in childhood. The attitudes of mothers to children in infancy and early childhood are very important. Therefore a program of prevention, which teaches mothers to understand, anticipate and prevent behavior problems in the early formative years of childhood, has been incorporated in the child hygiene program. The newer knowledge of psycho-biological development indicates the importance of combining the understanding of the physical together with the emotional and mental development.

For the purpose of carrying out this program the general plan has been through:

1. courses of study for the staff
2. field work
3. distribution of bibliographies for reading
4. actual demonstration by home visits
5. distribution to nurses and to mothers of carefully selected pamphlets for reading
6. discussion meetings and conferences of nurses and supervisors in their district
7. by supervisors' conferences with the Advisor in Mental Hygiene.

Courses of Study for the Nurses—A foundation course on "The Care, Understanding and Guidance of Children," integrating the physical, mental and emotional development of the child has been given at the University of Newark and at Camden for nurses who have not already taken this course. During the past year, 36 nurses matriculated at Newark University and 50 nurses at Camden. Supervisors and nurses have been taking courses for the previous two years in Parent-Child Relationships under the auspices of the Department. It is encouraging to find so great an interest in this new aspect of their work, and so great a realization of its importance on the part of the nurses that of the 206 nurses supervised by this Bureau, only 13 have not taken these courses. The courses of 30 hours each semester, for which those eligible receive college credits, include assigned reading, the preparation of written material and field trips to Nursery Schools, Children's Courts and Staff Meetings of Mental Hygiene clinics. A course in the "Sociology of Family Life"

was completed at Newark University by the supervisors and selected nurses of the Department. An understanding of preventive mental hygiene has been included in the instruction of new nurses in the demonstration district.

Discussion Meetings and Bibliography—Nurses who have completed formal college courses have been organized into discussion groups of from five to ten members according to localities in which they work. They meet once a week to read and discuss books in the field of Child Development or Parent-Child Relationships. A competent discussion leader, chosen from among their own personnel, acts as chairman of these meetings. They have been advised in the choice of their reading and bibliographies for this purpose and for general reading have been distributed to the nurses of the Department. At the present time, 25 reading and discussion groups are in existence. These are held in the late afternoon, and in many cases, in the evening at the nurses' own homes.

Conferences—A monthly conference of assistant supervisors and district supervisors with the Advisor in Parent-Child Relationships has been held. At these sessions there has been discussion of the assigned reading in the mental hygiene field, consideration of supervisors instruction in and control of mental hygiene work of nurses and the study of the practical application of mental hygiene principles.

Pamphlets—Pamphlets published by the National Committee for Mental Hygiene, the Child Study Association of America and various State Child Research Centers, on the subject of Parent-Child Relationship have been purchased and are being distributed to the nurses. Among the material distributed to the nurses are pamphlets printed by the Co-operative Extension Work in Agriculture and Home Economics, New Jersey State College of Agriculture, Rutgers University and U. S. Department of Agriculture cooperating. Two pamphlets are sent to each nurse each month. Instruction for proper study of these in their application to their work is included. Eighteen pamphlets have been distributed. The district supervisors hold monthly conferences with their nurses for discussion of pamphlet material.

Actual Demonstration by Home Visits—Practical demonstrations in actual home situations of the theory and subject-matter studied and read

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have been given the nurses. After a nurse finishes a course of study, the supervisor in Parent-Child Relationships spends a day or two visiting homes in her district with the nurse for purposes of observation, demonstration and instruction. Narrative reports on home visits with the nurses are made.

Publication of New Material—A manual entitled, "Suggestions to Nurses Correlating Important Phases in Physical, Mental and Emotional Development of the Preschool Child," has been compiled. It has been distributed to all the nurses, who are using it for reference, for further study and in their visits to mothers.

A method has been devised by which the Advisor in Parent-Child Relationships and the District Supervisor will check the subject matter covered by nurses in the Mental Hygiene teaching among the families they visit and the degree of nurse's proficiency in this field.

Personnel—In addition to the direct introduction of preventive mental hygiene and parent-child relationships material into the work of nurses with mothers, there have been further effective results of this new addition to the work of the Bureau. The general program of child hygiene teaching is helped when nurses gain a better understanding of mothers emotional life, attitudes and behavior, and fashion their guidance to meet particular situations and needs in the homes they visit. Furthermore, nurses have been gaining insight into their own attitudes, prejudices and emotional reactions and the influence of these on the effectiveness of their work. Nurses have also been influenced in their personal lives and helped to understand and solve difficulties by understanding gained in the courses taken, the reading and discussion and by consultation with the Advisor.

Cooperation—The Bureau of Maternal and Child Health, in accordance with its policy of offering assistance and accepting it, in the interest of efficiency and economy, has cooperated in the preventive mental hygiene field with a number of private and public organizations and departments, including the National Committee for Mental Hygiene, the Child Study Association of America, the Mental Hygiene Clinics of the Department of Institutions and Agencies and the Extension Service, New Jersey State College of Agriculture, Rutgers University.

An example of this was our cooperation with the last named organization in its presentation of a weekly radio program for 13 weeks on "The Infant." We advised and assisted on the choice of subject-matter,

selection of speakers, and participation in the radio talks by several members of our staff.

The Supervisor of Parent-Child Relationships helped in the formation of plans for a Parent Education Council of New Jersey in which representatives of all important organizations working in the field of parent education meet, discuss their work and needs in this field. There have been two successful meetings of this Council.

Conferences participated in by the Mental Hygiene Advisor were :

- New Jersey State Dental Association
- American Public Health Association
- National Committee for Mental Hygiene
- Adult Educational Conference
- Child Study Association of America
- Extension Service, New Jersey State College of Agriculture.

Two visits to other States were made for the purpose of studying methods and procedures in the preventive mental hygiene field in connection with mothers and children.

Report of the Division of Venereal Disease Control

For the Year Ending June 30, 1938

KARL M. SCOTT, M.D., CHIEF (ACTING)

The year 1937-38 showed no diminution of the public response to the venereal disease program. Magazines and newspapers continued to treat it as news, and through their interest and cooperation the public's interest in the problem was not permitted to lag but, instead, steadily increased.

An appreciation of the magnitude of the problem is becoming more widely spread. Public opinion and the Legislature, through its enactment of the Premarital and Prenatal laws, seem to approve of the general principles of the campaign and its objective.

PREMARITAL EXAMINATION LAW

The passage of the Premarital Examination Law by the 1938 Legislature, which takes effect July 1, 1938, should greatly stimulate the general interest in the problem of syphilis. If, as anticipated, 600 or 700 previously undiscovered syphilitics are detected annually through this premarital examination and the consequences, that might otherwise occur, prevented, it will serve its purpose well. Also its presence in the statutes of the State is almost a guaranty that the public's interest in syphilis control will not wane. A copy of the law is reprinted below :

1. Before any person, who now is or may hereafter be authorized by law to issue marriage licenses, shall issue any such license, each applicant therefore shall file with him a certificate from a qualified physician which certificate shall state that the applicant has submitted to a Wassermann or Kahn or other similar standard laboratory blood test and that, in the opinion of such physician, the person either is not infected with syphilis or is not in a stage of that disease which may become communicable.

2. The above mentioned certificate shall be accompanied by a statement from the person in charge of the laboratory making the test, or from some other person authorized to make such reports, setting forth the name of the test, the date it was made, the name and address of the physician to whom the report was sent, and the name and address of the person whose blood was tested.

3. The above mentioned certificate of physician and statement of person authorized to make reports for the laboratory shall be on a form to be provided and distributed by the Department of Health of the State of New Jersey to all officers authorized to issue marriage licenses and to approved laboratories in the State. This form is hereinafter referred to in this act as "The Certificate Form."

4. For the purpose of this act a standard laboratory blood test shall be a test for syphilis approved by the Director of Health of New Jersey, and shall be made at a laboratory approved to make such tests by the Director of Health of New Jersey. Such laboratory tests as are required by this act shall be made on request without charge at the Department of Health of the State of New Jersey. To be valid such test shall be made not more than thirty days before the issuance of the marriage license to which it applies.

5. Before the licensing officer issues any marriage license he shall attach thereto the above mentioned certificate form of each applicant. No minister or other person authorized to perform marriage ceremonies in New Jersey shall perform any such ceremony unless the certificate form of each party is attached to the marriage license, and they shall remain so attached until the marriage certificate is filed with the State Bureau of Vital Statistics.

6. Any applicant for a marriage license, physician or representative of a laboratory who shall misrepresent any of the facts called for by "the certificate form" prescribed by this act; or any licensing officer who shall fail to receive "the certificate forms," or who shall have reason to believe that any of the facts thereon has been so misrepresented, and shall nevertheless issue a marriage license; or any person who shall otherwise fail to comply with the provisions of this act shall be subject to a penalty of not less than ten dollars (\$10.00) nor more than one hundred dollars (\$100.00), to be recovered with costs, in an action of debt by and in the name of the local board of health of the municipality where the marriage license was issued, or by and in the name of the Department of Health of the State of New Jersey.

7. Nothing in this act herein contained shall be construed to repeal the provisions of Title 37, chapter 1, article 5, of the Revised Statutes, which provides for immediate marriages, in cases of criminal charges.

8. All acts and parts of acts inconsistent herewith are hereby repealed, and this act shall take effect July first, one thousand nine hundred and thirty-eight.

In preparation for the time when this law was to become effective, all physicians in the State were sent a card bearing suggestions as to the interpretation of the premarital blood tests. Also an issue of Plain Facts devoted entirely to the possible questions that might arise, and giving their correct answers, was prepared and printed, and prior to June 30, 1938, these were given wide distribution, including all registrars of vital statistics, all health officers, and many ministers and priests.

PRENATAL LAW

A bill also passed by the same Legislature, to take effect January 1, 1939, will require laboratory examination for syphilis for pregnant women when physicians first attend them for conditions of their pregnancy. No literature on this law has been prepared in the period covered by this report, but we anticipate following a similar educational policy with this bill, as was done for the Premarital law.

THE EPIDEMIOLOGIC PROGRAM

The full staff of five venereal disease case workers provided for by Social Security funds was secured this year, but there were interruptions in the work because of attendance of the workers at the three months' course at the Institute for the Control of Syphilis, University of Pennsylvania, and because of one resignation.

These workers have been used to strengthen the venereal disease epidemiological program started more than 15 years ago in New Jersey. They have carried on, with the cooperation of local health officers, demonstrations in four communities of the value of an intensive effort to find cases and hold them under treatment. Three of the demonstrations were continued from last year (Passaic and vicinity, the western section of Bergen County, and Camden and vicinity), and one was started during the year (including five municipalities in the northern part of Hudson County).

The statistical report which follows is a summary of the work in the four communities. Undoubtedly other persons were stimulated to seek treatment from private physicians as a result of this work, and we can assume that these are minimum figures.

1. Clinic sessions attended for the purpose of interviewing patients regarding contacts and checking on delinquencies	523
2. Cooperative visits to local health officers, physicians, city officials, and civic leaders regarding cases and to promote interest in the program	646
3. Delinquencies investigated and patients returned to clinics or private physicians for treatment	895
4. Number of contacts located and persuaded to be examined	853
5. Number found positive	234

The value of such case workers has been demonstrated in all these localities by a definite increase in the attendance at the clinics in their territory. They have been appreciated by the various health officers in those territories, and by the clinic physicians. They fulfill a special need, as the investigation of sources and contacts on information furnished by new patients appearing at the clinics is one of the best methods of case finding. Delinquency in attendance at clinics by venereal disease patients is a constant factor, but can be greatly discouraged by these case investigators who attend each clinic session and spend their time in developing a friendly acquaintance with the patients. Even so, a certain percentage of delinquency arises but through their efforts a good percentage of them are returned for treatment until such a time as they cease to be potentially infectious. It is hoped that as the venereal disease control program progresses, as more federal funds are available, and as other communities and health officers realize the value of such case workers, that they will be stimulated to engage them independently, or possibly some form of cooperation between this Division and the local boards of health can be developed. The ideal would be to have each and every treatment center in the entire State covered by some such case worker.

EDUCATIONAL

A considerable amount of printed publicity material has been prepared and distributed by this Division during the past year. That reported on below does not include the large quantities of literature for general use throughout the State purchased from the American Social Hygiene Association, the Massachusetts Society for Social Hygiene, the U. S. Public Health Service, Survey Associates, Readers' Digest, and others.

Public Health News. This bi-monthly publication of the Department, with a circulation of over 5,000, carried something about the venereal disease program in each issue during the year. Five articles had to do with the Premarital Medical Examination Law; one was on the Prevalence of Syphilis in New Jersey; one, by Dr. Walter Clarke, on Objectives in Venereal Disease Control; one on Finding Cases of Syphilis; one a Family History of 718 Treatments; one about an exhibit in East Orange.

Plain Facts. The series of this semi-popular, 8-page booklet, started in the previous year, was continued with four issues (Numbers 3-6). They were made up of pertinent facts regarding the work of the Division, brief collections of statistics, extracts from papers read at meetings in the State, announcements of educational material available for local use, human interest stories from the case workers in the field, and propaganda for the promotion of Social Hygiene Day and the Premarital Medical Examination Bill. This type of news, with some illustration, printed in large type and on colored paper, has attracted attention and favorable comment. The 25,000 copies of these four issues did not begin to fill the demand.

Posters. The 5,000 small (7"x10") paper posters, issued in June, 1937, for use in public toilets, were quickly taken by 54 local Boards of Health. A second edition, changed in color and text, was put out and has also been widely used.

A three-color poster, showing the words "Stamp Out Syphilis" flashing between two radio towers on a dark background, has been very popular both in the large size on cardboard (14"x22") and in the small paper reprints (3"x5"). This poster was used in both sizes by the American Social Hygiene Association as a part of the nationwide publicity for Social Hygiene Day (February 2). The poster was reproduced in the form of a large flashing electric picture by the Division of Health Education of the Department and was shown at a number of exhibits about the State.

Another three-color poster with the wording "Don't Gamble with Syphilis—Play Safe with Science, Have a Blood Test," is now in the hands of the printers for reproduction in two sizes.

The first syphilis poster (snake) issued by the Division early in 1937, was voted the best of a collection of 75 at the annual meeting of the American Public Health Association in New York.

Newspaper Publicity. The American Social Hygiene Association has a nationwide clipping service and reported that, in 1937, New Jersey held third place in the country in newspaper space devoted to the subject of the venereal diseases. This, of course, was due only in part to the efforts of the State and local health departments.

A series of six articles on syphilis was prepared by the Division of Venereal Disease Control and circulated to health officers with mats for

illustrations. This series was widely used, in many cases with the addition of local color and under the signature of the health officer. We have no complete check on the number of papers that accepted and used this material but it was evidently more than 50, ranging from the "Newark Evening News" down to many country "weeklies."

A. B. C. of Syphilis. This 8-page, 6"x9" leaflet, reprinted in a series of three booklets (3"x5"), has proved to be popular, especially among industries where the small size ones are put into pay envelopes. Some 55,000 copies have been distributed by the Division and 20,000 more by the Newark Health Department (printed at their expense). The American Social Hygiene Association included the large leaflet with their Social Hygiene Day literature and recently had 20,000 of the small one printed for their own use.

The presence of full-time case workers in four communities has brought about, as a by-product, many opportunities for educational work with individuals and groups of both professional and lay people.

The activities of the Division's two lecturers, one male and one female, are shown in the following tables. Included are some talks by other members of the staff, but the majority were made by the two lecturers. The demand for such talks is relatively constant.

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>
Parent-Teacher Associations	93	6,303
Children of High School Age	92	17,580
Civilian Conservation Corps	48	10,307
Women's Clubs	43	2,466
Nurses	36	1,421
Men's Clubs	23	1,269
Rotary Clubs	18	683
American Legion Groups	13	1,690
Community Meetings	13	1,368
Lions Clubs	8	230
Political Clubs	7	515
Kiwanis Clubs	7	247
Medical Societies	4	300
Miscellaneous	18	1,121
	423	45,500

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Below is a recapitulation of the number of meetings, the total attendance, and the pamphlets distributed for each year since 1934:

	<i>Number of Meetings</i>	<i>Attendance</i>	<i>Pamphlets Distributed</i>
1934	482	66,427	24,441
1935	408	61,175	33,527
1936	353	43,841	18,438
1937	365	43,433	61,615
1938	423	45,500	134,527
	2,031	260,376	272,548

New features were added this year to the educational program by the purchase of the following films:

- “Modern Diagnosis and Treatment of Syphilis”
- “Science and Modern Medicine”
- “Let’s Open Our Eyes”
- “Syphilis—Its Nature, Prevention and Treatment”
- “Syphilis of the Central Nervous System”

which were shown 230 times to an estimated audience of 14,000. Machine and operator were furnished at 37 of the above showings.

C. C. C.

The Division’s activities in the Civilian Conservation Corps has continued. Forty-eight talks were given, with a total attendance of 10,307. Complete instructions as to the preventive measures have been stressed and cooperation has been given by the enrollees in volunteering to submit to blood tests.

New cases of venereal disease found in the camps are immediately reported to the Division, and the patient interviewed as soon as he reaches the army hospital which, in about 60%, results in tracing the source. As soon as the patient is able to be discharged from the hospital the Division is notified, and a notification is immediately sent to the health officer in the town in which the patient resides.

During the year the Division has been successful in obtaining the consent of the War Department to examine the blood of each and every enrollee for evidence of latent syphilis, and having such persons treated without being discharged. This work has just been started among the

campes of the State of New Jersey, where there are approximately 9,000 young men between the ages of 18 and 25. With a new enrollment occurring every six months this means the examination of about 12,000 young men and free treatment for all who are found syphilitic. The expense of the drugs is borne by the State Department of Health, and the treatment given at any one of the army hospitals located in the State.

INCREASE IN CLINIC FACILITIES FOR THE YEAR 1937-1938

New clinics or treatment centers were established during this year at North Wildwood and Woodbine in Cape May County, Vineland in Cumberland County, Woodbury in Gloucester County, Moorestown, Burlington and Bordentown in Burlington County, Middletown, Manasquan and Long Branch in Monmouth County, bringing the total treatment centers functioning this year to 58. In these ten new clinics the same system has been followed which was inaugurated the previous year. This system calls for the engagement of local funds to pay 50% of the clinic physician's pay, which is still based on the \$5.00 per clinic hour. The other 50%, plus all standard drugs, syringes and needles, and a few sterilizers, have been supplied by this division. The number of patients that should constitute a clinic hour has been set as a minimum of ten to fifteen, and a maximum of twenty. Where an increase of patients has exceeded this maximum number, if those in charge of local funds have been willing, a clinic has been put on a two-hour basis. All clinicians must be approved, as to their qualifications, by the local County Medical Society and the State Medical Society, before they are accepted by the State Department of Health. Some of the clinics located in the smaller communities have shown surprising increases in attendance. This is not true in the larger cities, except those which employ their own case investigators, or those to whom our own case investigators have been loaned. An increase in case finding and case holding in the middle sized municipalities will probably have to be developed by the employment of such investigators, or by a more complete survey of industrial employees which are largely grouped in such communities. This has not yet been done on any sizeable scale.

FREE DRUGS

One hundred and sixty-seven physicians were furnished free drugs for reporting the name and address of the probable source of infection on their patients. One thousand five hundred and forty-two other physicians were sent free drugs for the treatment of their private cases upon their statement that they were receiving no more than \$2.00 per treatment. As more funds were available, chiefly from Social Security funds, a generous policy of distributing drugs was followed, and it is anticipated that funds for such purposes and the demand for such supplies will steadily increase.

IMPROVEMENTS IN DIAGNOSIS

There were purchased for use in large clinics, three additional complete darkfield outfits as designed by the Consultant. This simplified outfit provides a semipermanent adjustment of light source, mirror, microscope, and centering of darkfield condensor. The equipment is such that the condensor can be focused without looking through the microscope, so that there is only one adjustment to be made with the eye at the eyepiece, the focussing of the objective. Five efficient light sources and three separate darkfield condensers were purchased for use in smaller clinics.

The work of improving the complement fixation and flocculation tests for syphilis has been put on a practical basis by the employment of a full time technician and the purchase of necessary supplies. These funds were made available near the close of the fiscal year. This work is being done in Camden under the direction of the Consultant who has devised a relatively simple method.

The Consultant thinks that the only efficient control can be through the use of a weakly positive serum as a standard, and that liquid serum is too unstable to be supplied as a standard. A standardizing serum of a single given potency, preserved in lyophile form, can be kept under ordinary refrigeration for six months or longer without detectable change, is suitable for mailing, and will permit every laboratory to determine the exact sensitivity of its methods.

The director of a laboratory, in which the sensitivity of the test differs appreciably from the usual sensitivity, can easily make any desirable change in his methods, when he knows definitely the degree in which he differs.

The Division has been without the services of an Assistant Physician for most of this past year. However, a candidate was finally selected and will report for duty July 1, 1938. The filling of this position will greatly improve our first-hand knowledge of the workings of all the clinics in the State, as it is expected that he will make more or less regular visits to these clinics and will be able to report at first hand as to the needs, the character and quality of the work performed and, in general, keep us in much closer touch with their individual problems, in the solving of which we may be of assistance.

The table below gives the reported cases in New Jersey by county, disease and sex for the calendar year of 1937, 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	187	44	263	245	1	1	741	140,300	5.3
Bergen	89	30	171	179	..	..	469	423,400	1.1
Burlington	105	11	78	61	2	1	258	98,000	2.6
Camden	188	52	276	258	1	1	776	275,700	2.8
Cape May	42	6	26	24	2	..	100	33,300	3.0
Cumberland	56	13	57	44	..	..	170	73,100	2.3
Essex	894	406	1,517	1,959	19	6	4,801	902,300	5.3
Gloucester	29	4	46	43	1	..	123	79,400	1.5
Hudson	59	18	157	171	4	2	411	714,100	0.6
Hunterdon	10	4	19	52	..	..	85	35,400	2.4
Mercer	219	45	284	173	..	..	721	197,500	3.7
Middlesex	109	37	189	164	..	1	500	231,100	2.2
Monmouth	114	37	247	297	6	..	701	163,200	4.3
Morris	43	15	69	65	1	1	193	121,000	1.6
Ocean	13	5	22	22	2	..	64	37,200	1.7
Passaic	95	15	120	79	2	..	311	318,400	1.0
Salem	60	8	67	36	..	..	171	36,900	4.6
Somerset	22	12	40	36	..	..	110	71,600	1.5
Sussex	14	1	11	10	..	..	36	28,900	1.2
Union	135	76	348	318	4	1	882	345,000	2.6
Warren	8	3	22	17	..	..	50	50,900	1.0
Total	2,491	842	4,029	4,253	45	13	11,673	4,343,000	2.7

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For purposes of comparison the totals of the cases of gonorrhea, syphilis and chancroid reported for the calendar years of 1935, 1936 and 1937 are here reproduced.

	<i>Gonorrhea</i>	<i>Per Cent of Total</i>	<i>Syphilis</i>	<i>Per Cent of Total</i>	<i>Chancroid</i>	<i>Per Cent of Total</i>	<i>Total</i>
1935	3,256	33.1	6,522	66.3	53	0.6	9,831
1936	2,996	31.4	6,504	68.0	61	0.6	9,561
1937	3,333	28.5	8,282	71.0	58	0.5	11,673

The greatest change is in the reported cases of syphilis, which showed an increase of 1,778 over the previous year.

NEW CLINIC PATIENTS FOR FISCAL YEARS 1936, 1937 AND 1938

	1936	1937	1938
Syphilis	3,890	3,891	5,025
Gonorrhea	2,276	2,176	1,741
	6,166	6,067	6,766

From the above table it will be seen that the total number of new clinic patients for 1938 was 6,766, as against the grand total reported of 11,673. This indicates a definite increase in the reporting by physicians of their private cases, and the ratio between clinic and private patients is that 58% of the reported cases went to clinics, as compared with 63% in 1937, while 42% had treatment elsewhere in 1938 instead of 36% in 1937.

Starting last March all private cases of early syphilis reported by physicians were segregated, and at the end of two months a questionnaire was sent to these physicians. This questionnaire called for one of the following questions to be answered:

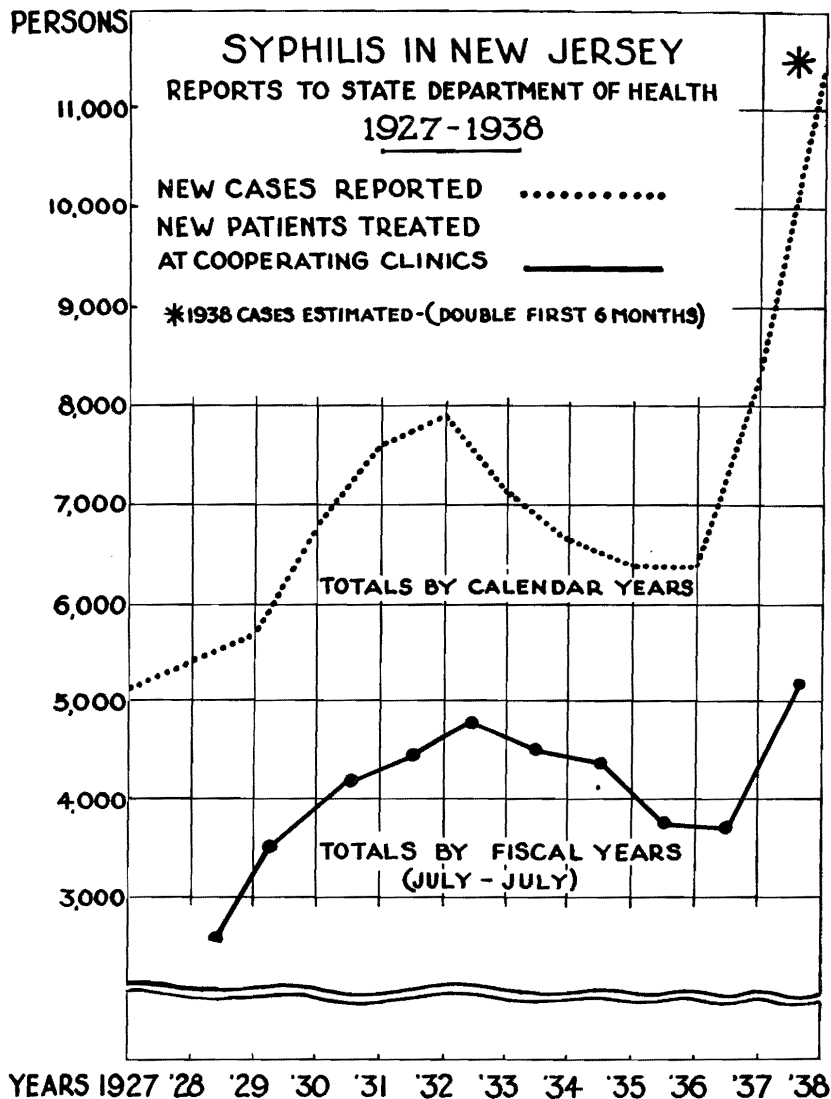
1. Patient is still being treated and therefore is not in an infectious stage of syphilis.
2. This person is not now under treatment, but is not infectious and I do not desire the Health Department to contact this private patient.
3. This person is under treatment by
4. As far as known this person is no longer under treatment and should be followed up as a delinquent and possible source of infection. Please consider this my report on this delinquent patient as required by Paragraph 6 of the Venereal Disease Control Law.

The following table indicates the very excellent response by these physicians and shows that in this relatively short space of time, two months, 20% of these patients had become delinquent. These delinquents were then reported by this Division to the proper health officer for investigation.

Total Cases	316	
Total Physicians	217	
Cases reported on	298	94%
Physicians who reported	206	95%
1. Cases still under treatment by Dr.	187	59%
2. Not infectious, or old case	17	6%
3. Referred to other Dr. or clinic	30	9%
4. Delinquent	63	20%
Died	1	....
Not reported	18	6%
	316	100%

Reporting of sources of infection continues to be disappointing. Reluctance on the part of the patient to inform, and very frequently inability to furnish correct names and addresses, is a big factor. However, many physicians do get the opportunity to examine and treat sources though they may not report them to the Department.

Special investigation of sources of infection upon request of local authorities has been one of the regular activities of the Department. A distinction has been made between the professional or commercial prostitute and the clandestine type. The law of New Jersey does not differentiate between the commercial prostitute and the clandestine prostitute, but furnishes the same method for disposal of the cases. There is a continued demand upon the Department by local authorities to assist in the prosecution of these venereally infected patients, and during the year assistance has been rendered in ten different cases and conviction secured. The attitude of the Department is one of an advisory capacity. In the years back these cases have been generally handled as disorderly persons, bringing a sentence of 30 to 60 days or a minor fine. During the last year the attention of local authorities has been drawn to the fact that prostitution, whether commercial or clandestine, is a high misdemeanor and an indictable charge. As a result of this attitude the number of prostitutes being committed to the State Reformatory has increased. In so doing, assurance is given to the public and to the patient of a prolonged treatment until they are again safe to be released.



DEPARTMENT OF HEALTH

CLASSIFICATION OF SOURCES OF INFECTION REPORTED BY PHYSICIANS

	1936	1937	1938
Professional prostitutes and brothels	47	39	36
Clandestine prostitutes	176	169	216
Husband or wife	225	165	204
Congenital	301	252	248
Miscellaneous	...	2	1
Total	749	627	705

ACTION TAKEN ON SUSPECTED SOURCES OF INFECTION

	1936	1937	1938
Under supervised medical treatment	52	37	42
Unable to locate the person named	59	36	41
Examined but found presumably non-infectious	34	29	39
Other acceptable disposition (agreed to take treatment, etc.)	25	20	16
Disposition unknown, or unsatisfactory (evaded supervision by moving, etc.)	...	4	5
Referred to health officials in other states	21	22	55
Handled by police authorities	3	2	1
No response from local health authorities	9	7	13
Total	203	157	212

The above tables show the types of persons named as sources of infection as reported by physicians during the past year, and the results secured on referring these names to local health authorities for investigation.

When husband or wife were named as the source (204) or the case reported was congenital syphilis (248) involving one or the other parent as the source, attempts were made to have the reporting physician arrange for their examination, rather than request that such action be taken by the local health authorities. This accounts chiefly for the discrepancy between the figure 705 in the first table and 212 in the second.

Report of the Bureau of Vital Statistics

For the Calendar Year 1937

DAVID S. SOUTH, STATE REGISTRAR

The Bureau, which was established by law in 1878, has the custody of more than seven million records of births, marriages and deaths which date back to 1848. Some of the records are filed in drawers in metal cabinets, the remainder are bound in volumes. As there are 5,701 books of records and the number increases annually, the cost of repair is an important item.

During 1937, 22,903 searches were made and copies of the records found issued, for which \$12,276.50 were received and paid to the State Treasurer. More than 9,500 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. Attention is called to the increase, which approximated a tenth, in the number of copies supplied during the year. The increase, largely due to Social Security legislation, imposed a heavy load upon the personnel of the Bureau. Additional personnel will undoubtedly be necessary to cope with the increasing use of the records.

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 1937, 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 previous years. The annual growth of the records requires approximately 200 cubic feet of storage space.

On October 31, 1935, the double indexing of old birth records was started as a W. P. A. project. The workers have completed indexing the records for the period May 1, 1848, to May 31, 1878, and are now working upon the records from June 1, 1878 to December 31, 1900.

Starting with 1901 the original records are in alphabetical arrangement, partially cross-indexed both alphabetically and chronologically by cities and counties. If personnel is available when the birth indexes are completed, it is hoped to index the marriage records both by husbands' and wives' names. The records prior to 1900 are in extensive use for old age pension purposes, as when the birth record of an applicant is not available the age given upon a marriage record or certificate of birth of a child is accepted.

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	1937
Births registered, tabulated and indexed	76,431	68,282	55,197
Marriages registered, tabulated and indexed	31,327	28,499	36,190
Deaths registered, tabulated and indexed	40,820	43,190	45,312
Stillbirths registered, tabulated and indexed	3,221	2,647	1,731
Total records registered, tabulated and permanently filed	151,799	142,618	138,430
Searches made and certified copies issued for which fees were received	4,664	10,523	13,238
Certified copies issued and searches made in pension and other cases for which no fees were received	4,232	6,938	9,665
Fees returned to State Treasurer for searches and certified copies	\$4,051	\$9,601	\$12,276

CHARTS AND TABLES, 1937

- Table 1. Births, marriages and deaths reported, with rates, 1879-1937.
- 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: 1937.
- Chart 1. Births and deaths per 100,000 population, 1880-1934.
- Table 3. Deaths of infants under five years of age and percentage of total deaths, 1904-1937.
- Table 4. Number of births, stillbirths, deaths under one month, deaths under one year and maternal deaths with rates per 1,000 live births, 1906-1937.
- 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 10 largest cities of New Jersey.
- Table 7. Births, birth rates, deaths under one year and infant mortality rates, by counties.

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- 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, 1928-1937.
- Table 9. Typhoid fever in urban and rural areas.
- Table 10. Typhoid fever rates by counties, 1928-1937.
- 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 59 years, with rates for 1937.
- 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 (adjusted for residence) 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— Atlantic City	Cape May County—	Gloucester County—
Bergen County— Englewood Garfield Hackensack Rutherford	Cumberland County— Bridgeton Millville	Hudson County— Bayonne Harrison Hoboken Jersey City Kearny Union City West New York
Burlington County— Burlington City	Essex County— Belleville Bloomfield East Orange Irvington Montclair Newark Nutley Orange South Orange West Orange	Hunterdon County—
Camden County— Camden City Gloucester		Mercer County— Trenton

Middlesex County—	Ocean County—	Union County—
New Brunswick		Elizabeth
Perth Amboy	Passaic County—	Linden
	Clifton	Plainfield
Monmouth County—	Passaic City	Rahway
Asbury Park	Paterson	Summit
Long Branch		Westfield
Red Bank	Salem County—	
Morris County—	Somerset County—	Warren County—
Dover		Phillipsburg
Morristown	Sussex County—	

Population—The estimated midyear population of the State for 1937 was 4,343,000. It was found necessary to abandon the arithmetical method of computing estimates of population and to use the United States Bureau of the Census estimates which now are 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 1937 was 55,197, which was equivalent to a rate of 12.7 per 1,000 population. Total births reported showed an increase of 1,052 over the number for the previous year. The year 1935 showed 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 1937 was 1,325, of which 516 were babies born to colored mothers. The figures for 1936 were 1,246 and 481 respectively.

Marriages—The number of marriages reported for 1937 was 36,190, an increase of 3,419 over the number for the previous year. The marriage rate was 8.3 compared with 7.5 for 1936.

Deaths—The number of resident deaths for 1937 was 45,312. The death rate for the year, 10.4, showed little variation from the 1936 rate of 10.3.

Stillbirths—The number of stillbirths reported for 1937 was 1,731. The number for the previous year was 1,846. The 1937 rate was 31.3 per 1,000 live births. The rate for the colored population was 45.0.

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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	1,196,493	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	26,434	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	30,696	19.3
1894	1,624,083	33,062	20.7	16,245	10.0	30,004	18.4
1895	1,667,957	31,742	19.0	15,878	9.5	30,634	18.3
1896	1,711,831	31,207	18.2	15,370	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	13,213	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	1,935,361	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	2,158,893	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	27,012	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
1936	*4,328,000	54,145	12.5	32,771	7.5	44,659	10.3
1937	*4,343,000	55,197	12.7	36,190	8.3	45,312	10.4

* Federal estimates.

DEPARTMENT OF HEALTH

TABLE 1A.—BIRTHS, MARRIAGES AND DEATHS, 1937

(Births and deaths corrected for Residence)

<i>Month</i>	<i>Births</i>	<i>Marriages</i>	<i>Deaths</i>
January	4,507	2,142	4,498
February	4,118	1,732	4,117
March	4,847	1,481	4,585
April	4,466	2,825	4,015
May	4,621	2,632	3,943
June	4,568	5,406	3,238
July	5,072	3,164	3,660
August	5,065	2,803	3,201
September	4,625	4,343	3,170
October	4,455	4,050	3,620
November	4,353	3,390	3,472
December	4,500	2,222	3,793
Total	55,197	36,190	45,312

TABLE 1B.—BIRTHS, MARRIAGES, DEATHS AND DEATHS UNDER ONE YEAR OF AGE BY COUNTIES, CITIES, BOROUGHs AND TOWNSHIPS, 1937
(Births and Deaths Corrected as to Residence)

ATLANTIC COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Absecon City	22	12	26	...
Atlantic City	813	649	984	39
Brigantine City	8	3	5	...
Buena Vista Township	63	41	38	2
Corbin City	2	...	3	...
Egg Harbor City	50	55	37	2
Egg Harbor Township	37	8	41	2
Estelle Manor City	2	2	...	...
Folsom Borough	3	5	...	...
Galloway Township	46	6	42	2
Hamilton Township	37	23	47	...
Hammoncton Town	112	79	70	5
Linwood City	25	17	16	1
Longport Borough	3	3	1	...
Margate City	17	20	32	...
Mullica Township	23	6	19	...
Northfield City	40	4	30	3
Pleasantville City	170	103	137	7
Port Republic City	6	4	4	...
Somers Point City	29	13	35	1
Ventnor City	66	52	89	...
Weymouth Township	13	5	11	1
Total	1587	1110	1667	65

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NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Allendale Borough	37	15	21	...
Alpine Borough	6	7	10	...
Bendix Borough	...	...	1	...
Bergenfield Borough	127	90	92	5
Bogota Borough	88	45	62	1
Carlstadt Borough	72	47	50	2
Cliffside Park Borough	190	83	151	9
Closter Borough	35	26	27	1
Cresskill Borough	28	13	14	1
Demarest Borough	18	5	10	...
Dumont Borough	83	41	47	1
East Paterson Borough	63	28	49	2
East Rutherford Borough	88	78	63	2
Edgewater Borough	47	128	31	2
Emerson Borough	22	2	8	1
Englewood City	230	199	195	6
Englewood Cliffs Borough	9	7	9	...
Fair Lawn Borough	101	42	42	1
Fairview Borough	124	125	78	5
Fort Lee Borough	121	211	81	2
Franklin Lakes Borough	9	4	13	...
Garfield City	380	187	213	16
Glen Rock Borough	64	20	54	2
Hackensack City	376	280	282	11
Harrington Park Borough	12	4	16	...
Hasbrouck Heights Borough	68	50	53	...
Haworth Borough	13	5	13	...
Hillsdale Borough	39	23	35	1
Hohokus Borough	20	15	15	1
Hohokus Township	50	27	37	5
Leonia Borough	41	41	52	...
Little Ferry Borough	53	38	38	3
Lodi Borough	188	93	96	4
Lyndhurst Township	245	141	158	9
Maywood Borough	44	17	34	1
Midland Park Borough	68	39	43	3
Montvale Borough	12	6	16	...
Moonachie Borough	17	11	13	...
New Milford Borough	27	13	19	1
North Arlington Borough	129	63	70	5
Northvale Borough	13	29	9	1
Norwood Borough	25	25	16	1
Oakland Borough	17	4	14	...
Old Tappan Borough	6	3	1	...
Oradell Borough	27	10	28	1
Palisades Interstate Park	...	...	1	...
Palisades Park Borough	111	48	71	4
Paramus Borough	21	16	37	...
Park Ridge Borough	34	29	27	3
Ramsey Borough	42	33	37	1
Ridgefield Borough	61	59	53	3
Ridgefield Park Borough	115	89	123	4
Ridgewood Village	146	106	152	3
River Edge Borough	43	12	24	1
Rivervale Township	18	3	12	2
Rochelle Park Township	40	19	21	2
Rockleigh Borough	1	...	1	...
Rutherford Borough	145	87	196	5
Saddle River Borough	15	6	10	1
Saddle River Township	20	10	18	...
South Hackensack Township	15	2	11	...
Teaneck Township	257	94	184	8
Tenafly Borough	107	52	63	7
Upper Saddle River Borough	6	...	4	...
Waldwick Borough	28	12	26	2
Wallington Borough	125	15	64	4
Washington Township	3	1	4	...
Westwood Borough	67	52	57	1
Woodcliff Lake Borough	9	5	8	1
Wood Ridge Borough	70	26	51	4
Wyckoff Township	36	15	28	4
Total	4967	3140	3662	166

DEPARTMENT OF HEALTH

BURLINGTON COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bass River Township	8	5	11	...
Beverly City	43	16	40	3
Bordentown City	58	57	63	5
Bordentown Township	16	3	6	2
Burlington City	204	122	153	12
Burlington Township	10	3	23	2
Chester Township	89	50	52	6
Chesterfield Township	17	3	20	3
Cinnaminson Township	12	10	18	...
Delanco Township	35	14	30	1
Delran Township	32	5	15	1
Eastampton Township	7	1	9	1
Edgewater Park Township	14	8	12	...
Fresham Township	36	10	21	2
Fieldboro Borough	10	1	8	...
Florence Township	111	49	72	8
Hainesport Township	17	6	11	1
Lumberton Township	7	2	12	2
Mansfield Township	19	19	26	2
Medford Township	45	22	33	1
Moorestown Township	125	68	80	3
Mount Holly Township	105	67	97	7
Mount Laurel Township	21	3	18	2
New Hanover Township	14	17	14	3
North Hanover Township	8	9	10	1
Palmyra Borough	76	33	58	4
Pemberton Borough	21	11	21	2
Pemberton Township	25	5	27	4
Riverside Township	121	73	63	6
Riverton Borough	38	40	27	...
Shamong Township	6	...	8	...
Southampton Township	31	8	31	1
Springfield Township	15	4	17	...
Tabernacle Township	5	1	4	...
Washington Township	7	...	7	...
Westampton Township	4	3	6	1
Willingboro Township	3	2	2	...
Woodland Township	10	1	6	...
Wrightstown Borough	8	4	9	3
Total	1433	755	1141	89

CAMDEN COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Audubon Borough	93	50	108	4
Barrington Borough	35	7	17	2
Bellmawr Borough	18	3	5	...
Berlin Borough	39	28	42	3
Berlin Township	28	10	32	2
Brooklawn Borough	27	12	12	...
Camden City	1772	1321	1497	93
Cecilhurst Borough	3	...	8	...
Clementon Borough	49	11	42	4
Collingswood Borough	146	120	155	7
Delaware Township	60	9	49	2
Gibbsboro Borough	13	6	10	1
Gloucester City	224	103	188	7
Gloucester Township	85	48	73	1
Haddonfield Borough	122	68	122	3
Haddon Heights Borough	53	74	62	1
Haddon Township	73	32	86	1
Hinella Borough	5	...	1	...
Laurel Springs Borough	18	25	21	...
Lawnside Borough	31	8	24	2
Lindenwald Borough	37	9	44	5
Magnolia Borough	26	12	32	2
Merchantville Borough	173	38	79	6
Mount Ephraim Borough	29	15	19	...
Oaklyn Borough	78	27	36	6
Pensauken Township	177	111	177	11

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NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Pine Hill Borough	19	3	25	2
Pine Valley Borough	...	...	...	...
Runnemede Borough	47	24	21	4
Somerdale Borough	20	13	8	1
Stratford Borough	10	6	7	1
Tavistock Borough	...	...	1	...
Voorhees Township	18	10	15	1
Waterford Township	40	24	33	...
Winslow Township	75	25	39	3
Woodlyne Borough	31	6	31	1
Total	3674	2258	3121	176

CAPE MAY COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Avalon Borough	4	3	4	...
Cape May City	34	29	45	1
Cape May Point Borough	1	...	3	...
Dennis Township	24	20	35	...
Lower Township	20	16	19	1
Middle Township	67	16	59	1
North Cape May Borough	...	...	...	...
North Wildwood City	22	10	25	2
Ocean City	52	58	74	...
Sea Isle City	5	6	7	...
South Cape May Borough	...	...	...	...
Stone Harbor Borough	4	3	4	...
Upper Township	22	9	21	...
West Cape May Borough	15	1	11	...
West Wildwood City	3	...	...	...
Wildwood City	50	75	79	3
Wildwood Crest Borough	8	1	8	...
Woodbine Borough	29	6	15	1
Total	360	253	409	9

CUMBERLAND COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bridgeton City	245	142	220	8
Commercial Township	38	24	49	2
Deerfield Township	28	16	24	2
Downe Township	27	10	22	2
Fairfield Township	34	6	25	3
Greenwich Township	18	5	10	1
Hopewell Township	27	12	27	1
Landis Township	169	106	151	7
Lawrence Township	40	4	31	1
Maurice River Township	20	14	32	3
Millville City	254	108	193	14
Shiloh Borough	6	1	3	...
Stow Creek Township	18	1	5	...
Upper Deerfield Township	28	14	15	1
Vineland Borough	122	67	91	3
Total	1069	530	898	48

DEPARTMENT OF HEALTH

ESSEX COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Belleville Town	398	149	259	14
Bloomfield Town	564	280	394	11
Caldwell Borough	68	55	76	...
Caldwell Township	14	...	8	...
Cedar Grove Township	27	8	24	...
East Orange City	870	516	756	20
Essex Fells Borough	9	15	13	...
Glen Ridge Borough	58	47	74	...
Irvington Town	731	497	505	14
Livingston Township	65	20	50	4
Maplewood Township	205	121	198	4
Millburn Township	126	48	104	2
Montclair Town	402	360	501	22
Newark City	6133	4908	5193	248
North Caldwell Borough	9	1	13	...
Nutley Town	244	136	159	7
Orange City	544	385	372	18
Roseland Borough	26	8	14	...
South Orange Village	120	83	150	4
Verona Borough	109	62	76	5
West Caldwell Borough	45	12	27	...
West Orange Town	310	151	233	11
Total	11137	7862	9109	384

GLOUCESTER COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Clayton Borough	36	21	22	2
Deptford Township	50	20	44	2
East Greenwich Township	24	14	14	...
Elk Township	27	9	12	1
Franklin Township	43	20	50	1
Glassboro Borough	73	49	75	5
Greenwich Township	38	19	15	...
Harrison Township	23	7	30	1
Logan Township	19	7	10	...
Mantua Township	70	11	40	4
Monroe Township	62	36	47	3
National Park Borough	51	18	25	2
Newfield Borough	24	...	11	...
Paulsboro Borough	133	64	76	7
Pitman Borough	73	30	84	6
South Harrison Township	9	1	5	...
Swedesboro Borough	55	37	37	1
Washington Township	18	10	21	3
Wenonah Borough	11	7	12	1
West Deptford Township	62	25	43	5
Westville Borough	52	31	49	2
Woodbury City	115	85	104	3
Woodbury Heights Borough	9	6	12	1
Woolwich Township	12	...	9	...
Total	1089	527	847	50

HUDSON COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bayonne City	1072	650	730	46
East Newark Borough	44	18	26	1
Guttenberg Town	75	70	64	3
Harrison Town	263	191	159	4
Hoboken City	610	957	691	27
Jersey City	4323	3097	3535	152
Kearny Town	513	240	433	27
North Bergen Township	512	233	401	22
Secaucus Borough	60	57	60	2
Union City	682	683	627	29
Weehawken Township	138	148	158	5
West New York Town	532	560	351	10
Total	8824	6904	7241	328

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HUNTERDON COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Alexandria Township	14	...	15	...
Bethlehem Township	5	1	12	2
Bloomsbury Borough	9	9	10	1
Califon Borough	10	3	10	...
Clinton Town	14	10	16	1
Clinton Township	31	4	33	1
Delaware Township	12	17	16	1
East Amwell Township	15	2	13	...
Flemington Borough	39	34	52	4
Franklin Township	10	11	23	...
Frenchtown Borough	17	5	21	2
Glen Gardner Borough	4	1	14	...
Hampton Borough	13	10	14	1
High Bridge Borough	23	23	36	1
Holland Township	3	5	7	1
Kingwood Township	5	6	14	...
Lambertville City	74	30	61	4
Lebanon Borough	10	5	15	2
Lebanon Township	6	2	9	...
Milford Borough	12	6	15	...
Raritan Township	20	...	21	2
Readington Township	34	25	42	...
Stockton Borough	4	3	13	...
Tewksbury Township	9	13	20	1
Union Township	9	2	10	2
West Amwell Township	6	2	3	...
Total	408	229	515	26

MERCER COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Last Windsor Township	5	2	7	...
Swing Township	125	31	88	5
Hamilton Township	412	183	271	14
Hightstown Borough	63	52	53	2
Hopewell Borough	15	20	27	2
Hopewell Township	30	18	43	4
Lawrence Township	98	27	68	3
Pennington Borough	15	16	19	2
Princeton Borough	98	74	93	4
Princeton Township	50	6	31	1
Trenton City	1595	1082	1359	74
Washington Township	12	4	20	3
West Windsor Township	40	16	22	1
Total	2558	1531	2101	115

MIDDLESEX COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Carteret Borough	169	127	82	12
Cranbury Township	37	24	18	...
Dunellen Borough	97	63	66	1
East Brunswick Township	39	9	36	1
Helmetta Borough	8	17	7	...
Highland Park Borough	109	56	63	1
Jamesburg Borough	36	24	33	2
Madison Township	57	12	32	1
Metuchen Borough	104	49	84	4
Middlesex Borough	52	11	37	1
Milltown Borough	57	33	32	...
Monroe Township	26	3	38	3
New Brunswick City	460	397	392	12
North Brunswick Township	41	19	28	...
Perth Amboy City	630	443	425	27

MIDDLESEX COUNTY—Continued

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Piscataway Township	77	23	54	4
Plainsboro Township	9	4	6	...
Raritan Township	140	36	78	7
Sayreville Borough	128	76	68	6
South Amboy City	127	87	89	7
South Brunswick Township	33	16	33	1
South Plainfield Borough	80	54	42	2
South River Borough	142	89	87	2
Spotswood Borough	12	5	16	2
Woodbridge Township	363	208	269	23
Total	3033	1885	2113	119

MONMOUTH COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Allenhurst Borough	5	2	13	...
Allentown Borough	12	14	23	...
Asbury Park City	191	188	209	6
Atlantic Township	11	3	16	...
Atlantic Highlands Borough	37	17	43	...
Avon Borough	9	15	17	...
Belmar Borough	56	41	56	1
Bradley Beach Borough	38	27	44	1
Brielle Borough	14	4	10	...
Deal Borough	9	11	14	...
Eatontown Borough	32	20	32	3
Englishtown Borough	19	7	20	1
Fair Haven Borough	26	5	30	3
Farmingdale Borough	13	11	14	1
Freehold Borough	92	65	110	6
Freehold Township	45	8	32	3
Highlands Borough	33	25	38	1
Holmdel Township	14	2	5	...
Howell Township	49	15	32	3
Interlaken Borough	5	...	8	...
Jersey Homesteads Borough	2	...	...	...
Keansburg Borough	48	42	57	6
Keyport Borough	80	96	59	2
Little Silver Borough	17	9	16	...
Long Branch City	257	106	242	8
Manalapan Township	11	14	14	...
Manasquan Borough	31	40	35	...
Marlboro Township	43	10	39	2
Matawan Borough	44	14	48	4
Matawan Township	44	9	17	2
Middletown Township	112	59	110	3
Millstone Township	19	1	14	...
Monmouth Beach Borough	8	1	10	...
Neptune Township	154	67	187	3
Neptune City Borough	41	10	26	...
Ocean Township	57	13	49	2
Oceanport Borough	32	11	16	3
Raritan Township	19	1	10	...
Red Bank Borough	183	117	158	8
Rumson Borough	32	23	27	...
Sea Bright Borough	11	15	12	1
Sea Girt Borough	3	6	15	...
Shrewsbury Borough	12	22	16	...
Shrewsbury Township	9	2	12	...
South Belmar Borough	7	1	10	...
Spring Lake Borough	13	19	31	1
Spring Lake Heights Borough	14	10	11	2
Union Beach Borough	30	4	23	...
Upper Freehold Township	25	...	28	2
Wall Township	48	12	53	3
West Long Branch Borough	19	17	25	1
Total	2135	1231	2136	82

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MORRIS COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Boonton Town	89	64	90	1
Boonton Township	8	1	1	...
Butler Borough	48	39	45	...
Chatham Borough	98	34	49	...
Chatham Township	16	2	12	1
Chester Borough	15	10	15	1
Chester Township	11	1	8	...
Denville Township	47	10	34	1
Dover Town	167	100	122	10
East Hanover Township	13	11	6	...
Florham Park Borough	13	3	31	1
Hanover Township	48	21	35	...
Harding Township	17	5	9	1
Jefferson Township	24	2	25	2
Kinnelon Borough	2	...	7	...
Lincoln Park Borough	20	12	13	...
Madison Borough	122	65	97	5
Mendham Borough	16	12	13	...
Mendham Township	13	5	8	...
Mine Hill Township	22	4	20	1
Montville Township	41	29	30	1
Morris Plains Borough	27	36	19	1
Morristown Town	215	140	194	9
Morris Township	74	15	55	3
Mountain Lakes Borough	18	3	22	1
Mount Arlington Borough	7	1	5	1
Mount Olive Township	11	9	12	1
Netcong Borough	37	29	15	1
Parsippany-Troy Hills Township	37	9	48	1
Passaic Township	41	22	32	3
Pewaukee Township	30	14	22	...
Randolph Township	28	11	23	3
Riverdale Borough	12	5	10	1
Rockaway Borough	38	47	45	1
Rockaway Township	43	3	27	2
Roxbury Township	59	25	48	3
Washington Township	29	7	21	1
Wharton Borough	68	36	41	...
Total	1624	842	1309	57

OCEAN COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Barneget City Borough	5	...	6	...
Bay Head Borough	3	3	9	1
Beach Haven Borough	15	17	9	...
Beachwood Borough	9	1	8	...
Berkeley Township	11	18	10	...
Brick Township	19	9	26	2
Dover Township	63	43	73	5
Eagleswood Township	7	7	16	...
Harvey Cedars Borough	1	...	...	...
Island Beach Borough	...	...	...	...
Island Heights Borough	5	3	4	1
Jackson Township	16	6	21	1
Lacey Township	14	6	13	...
Lakehurst Borough	14	9	9	1
Lakewood Township	92	81	122	4
Lavalette Borough	4	2	1	...
Little Egg Harbor Township	8	...	5	...
Long Beach Township	3	2	7	...
Manchester Township	21	1	34	3
Mantoloking Borough	2	1	1	...
Mantoloking Borough	8	4	3	...
Ocean Township	2	...	7	...
Ocean Gate Borough	1	...	2	...
Pine Beach Borough	1	...	...	...
Plumsted Township	23	5	24	8
Point Pleasant Borough	49	5	40	1
Point Pleasant Beach Borough	5	21	17	...

DEPARTMENT OF HEALTH

OCEAN COUNTY—Continued

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Seaside Heights Borough	7	4	6	1
Seaside Park Borough	3	6	8	...
Ship Bottom-Beach Arlington Borough	6	4	7	...
South Toms River Borough	6	3	1	...
Stafford Township	14	8	21	...
Surf City Borough	1	1	1	...
Tuckerton Borough	22	10	27	1
Union Township	14	16	16	2
Total	473	296	554	26

PASSAIC COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bloomingtondale Borough	39	18	25	1
Clifton City	656	243	392	15
Haledon Borough	61	71	44	2
Hawthorne Borough	120	70	119	2
Little Falls Borough	62	53	48	2
North Haledon Borough	28	6	19	2
Passaic City	709	816	562	34
Paterson City	1686	1241	1587	77
Pompton Lakes Borough	42	41	31	2
Prospect Park Borough	73	50	49	1
Ringwood Borough	32	8	10	1
Totowa Borough	55	20	38	2
Wanaque Borough	45	23	39	4
Wayne Township	64	34	56	1
West Milford Township	32	28	27	1
West Paterson Borough	29	16	22	...
Total	3739	2738	3068	147

SALEM COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Alloway Township	31	15	15	4
Elmer Borough	22	9	26	1
Elsinboro Township	8	2	8	...
Lower Alloways Creek Township	12	7	12	...
Lower Penns Neck Township	86	14	34	2
Mannington Township	16	4	34	2
Oldmans Township	26	9	24	1
Penns Grove Borough	94	64	88	11
Pile-grove Township	27	5	18	2
Pittsgrove Township	31	9	23	3
Quinton Township	19	10	16	...
Salem City	169	86	116	6
Upper Penns Neck Township	70	12	24	3
Upper Pittsgrove Township	34	12	22	...
Woodstown Borough	33	15	33	...
Total	678	273	493	35

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SOMERSET COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bedminster Township	12	9	15	3
Bernards Township	33	12	40	1
Bernardsville Borough	40	38	34	5
Bound Brook Borough	108	115	70	2
Branchburg Township	5	7	11	1
Bridgewater Township	99	12	46	2
Far Hills Borough	16	4	6	...
Franklin Township	82	23	68	4
Green Brook Township	10	1	15	1
Hillsborough Township	28	13	28	...
Manville Borough	105	72	56	6
Millstone Borough	2	3	4	...
Montgomery Township	29	6	21	2
North Plainfield Borough	127	78	111	4
Peapack-Gladstone Borough	21	15	24	...
Raritan Town	28	47	23	2
Rocky Hill Borough	9	5	5	...
Somerville Borough	99	82	138	5
South Bound Brook Borough	41	14	20	1
Warren Township	20	5	21	1
Watchung Borough	15	21	15	...
Total	929	582	771	40

SUSSEX COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Andover Borough	7	4	13	...
Andover Township	6	1	5	...
Branchville Borough	18	9	14	1
Byram Township	7	1	6	...
Frankford Township	22	3	19	...
Franklin Borough	71	26	46	4
Fredon Township	7	5	5	2
Green Township	5	7	6	...
Hamburg Borough	19	10	17	2
Hampton Township	6	...	8	1
Hardyston Township	22	1	12	3
Hopatcong Borough	6	7	4	1
Lafayette Township	19	1	13	2
Montague Township	3	8	6	...
Newton Town	95	45	71	3
Ogdensburg Borough	24	7	12	2
Sandyston Township	6	4	9	1
Sparta Township	25	12	27	...
Stanhope Borough	16	22	13	...
Stillwater Township	14	5	11	...
Sussex Borough	31	33	34	1
Vernon Township	34	5	16	4
Walpack Township	2	...	3	...
Wantage Township	43	6	15	3
Total	508	222	385	30

DEPARTMENT OF HEALTH

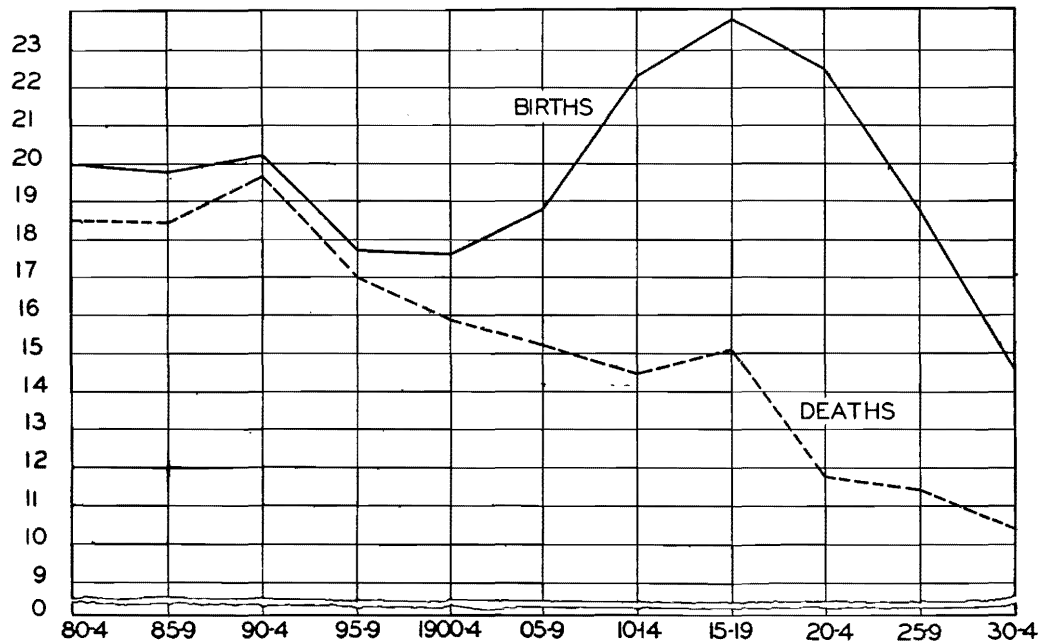
UNION COUNTY				
NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Clark Township	22	8	14	...
Cranford Township	155	82	89	5
Elizabeth City	1537	1160	1221	63
Fanwood Borough	26	3	19	...
Garwood Borough	52	31	30	2
Hillside Township	259	102	146	9
Kenilworth Borough	35	11	27	2
Linden City	356	172	149	12
Mountainside Borough	16	4	11	...
New Providence Borough	35	9	22	2
New Providence Township	29	6	8	...
Plainfield City	513	315	414	17
Rahway City	211	164	143	6
Roselle Borough	175	106	106	4
Roselle Park Borough	101	42	76	3
Scotch Plains Township	80	36	41	3
Springfield Township	67	38	40	1
Summit City	185	136	163	4
Union Township	305	100	155	13
Westfield Town	214	116	162	8
Total	4373	2641	3036	154

WARREN COUNTY				
NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Allamuchy Township	5	..	6	...
Alpha Borough	37	27	18	2
Belvidere Town	32	28	35	...
Blairstown Township	22	11	26	1
Franklin Township	19	7	15	1
Frelinghuysen Township	11	1	5	...
Greenwich Township	14	13	20	1
Hackettstown Town	38	22	50	...
Hardwick Township	5	2	2	...
Harmony Township	17	7	17	1
Hope Township	7	5	9	1
Independence Township	9	13	15	1
Knowlton Township	15	12	26	2
Liberty Township	3	...	6	...
Lopatcong Township	19	4	10	...
Mansfield Township	13	10	18	...
Oxford Township	26	18	26	1
Pahaquarry Township	1	...	1	...
Phillipsburg Town	221	154	199	7
Pohatcong Township	20	10	33	3
Washington Borough	42	28	80	2
Washington Township	10	4	14	...
White Township	13	5	15	1
Total	599	381	646	24
State Total	55197	36190	45312	2170

TABLE 2—DEATHS BY AGE PERIODS AND PERCENTAGES OF EACH OF TOTAL DEATHS, 1937

	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	45,312	2,170	288	189	132	91	2,870	454	1,000	1,813	2,516	4,882	7,449	10,009	9,305	4,389	624	1
Percentage of total..	100.0	4.8	0.6	0.4	0.3	0.2	6.3	1.0	2.2	4.0	5.6	10.8	16.4	22.1	20.5	9.7	1.4	..

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



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Infant Mortality—The infant mortality rate for 1937 was 39.3 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 65.7. The colored races have shown high mortality rates since vital statistics were first collected and analyzed.

Maternal Mortality—The rate for 1937 was 3.2 and for 1936, 3.7. 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 6.6.

DEPARTMENT OF HEALTH

TABLE 5.—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
1936	44,659	2,383	5.3	3,039	6.8
1937	45,312	2,170	4.8	2,870	6.3

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
1936	54,145	2,383	44.0	1,449	26	1,846	34	202	3.7
1937	55,197	2,170	39.3	1,327	24	1,731	31	182	3.2

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TABLE 5.—DEATHS UNDER ONE YEAR, DEATHS UNDER ONE MONTH, STILLBIRTHS
AND MATERNAL MORTALITY PER THOUSAND LIVE BIRTHS, 1937

	<i>Deaths Under One Year</i>	<i>Rates per 1,000 live births</i>		<i>Maternal Deaths</i>
		<i>Deaths Under One Month</i>	<i>Stillbirths</i>	
New Jersey	39	24	31	3.2
Atlantic	40	27	30	2.5
Bergen	33	22	23	2.6
Burlington	62	33	30	2.0
Camden	47	27	35	2.9
Cape May	25	19	33	8.3
Cumberland	44	33	28	.9
Essex	34	20	31	3.3
Gloucester	45	30	27	6.4
Hudson	37	23	34	2.6
Hunterdon	63	41	36	2.4
Mercer	44	25	32	8.9
Middlesex	39	20	26	2.9
Monmouth	38	24	29	.4
Morris	35	25	27	4.3
Ocean	54	33	27	2.1
Passaic	39	24	37	3.4
Salem	51	20	26	1.4
Somerset	43	24	34	3.2
Sussex	59	25	25	5.9
Union	35	22	33	3.2
Warren	40	16	31	6.6

TABLE 6.—DEATHS UNDER ONE YEAR, DEATHS UNDER ONE MONTH, STILLBIRTHS
AND MATERNAL MORTALITY PER THOUSAND LIVE BIRTHS;
NEW JERSEY AND TEN LARGEST CITIES, 1937

	<i>Deaths Under One Year</i>	<i>Rates per 1,000 live births</i>		<i>Maternal Deaths</i>
		<i>Deaths Under One Month</i>	<i>Stillbirths</i>	
New Jersey	39	24	31	3.2
Newark	40	23	33	3.5
Jersey City	35	21	35	1.6
Paterson	45	28	42	2.9
Trenton	46	26	34	9.4
Camden	52	28	40	3.3
Elizabeth	40	24	35	1.9
Bayonne	42	24	31	5.5
East Orange	22	14	20	3.4
Atlantic City	47	33	33	4.9
Passaic City	47	33	39	1.4

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TABLE 7—BIRTHS, BIRTH RATES, DEATHS UNDER ONE YEAR AND INFANT MORTALITY RATES (EXCLUSIVE OF STILLBIRTHS)—1937

	<i>Births (Exclusive of Stillbirths)</i>	<i>Birth Rates per 1,000 Population</i>	<i>Deaths Under One Year</i>	<i>Infant Mortality Rates</i>
New Jersey	55,197	12.7	2,170	39
Atlantic County	1,587	11.3	65	40
Atlantic City	813	11.2	39	47
Hammonton Town	112	13.8	5	44
Pleasantville	170	12.4	7	41
Bergen County	4,967	11.7	166	33
Bergenfield Borough	127	11.7	5	39
Cliffside Park	190	10.0	9	47
Englewood City	230	11.4	6	26
Fairview Borough	124	11.5	5	40
Fort Lee Borough	121	12.2	2	16
Garfield City	380	11.2	16	42
Hackensack City	376	13.8	11	29
Lodi Borough	188	14.6	4	21
North Arlington	129	12.0	5	38
Ridgefield Park	115	9.9	4	34
Ridgewood Village	146	10.5	3	20
Rutherford Borough	145	8.5	5	34
Wallington Borough	125	12.1	4	32
Burlington County	1,433	14.6	89	62
Bordentown City	58	13.1	5	86
Burlington City	204	17.7	12	58
Camden County	3,674	13.3	176	47
Audubon Borough	93	8.8	4	43
Camden City	1,772	14.8	93	52
Collingswood Borough	146	10.2	7	47
Gloucester City	224	15.5	7	31
Haddonfield Borough	122	12.0	3	24
Cape May County	360	10.8	9	25
Cumberland County	1,069	14.6	48	44
Bridgeton City	245	15.1	8	32
Millville City	254	17.2	14	55
Vineland Borough	122	15.2	3	24

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	<i>Births (Exclusive of Stillbirths)</i>	<i>Birth Rates per 1,000 Population</i>	<i>Deaths Under One Year</i>	<i>Infant Mortality Rates</i>
Essex County	11,137	12.3	384	34
Belleville Town	398	12.7	14	35
Bloomfield Town	564	12.7	11	19
East Orange	870	11.6	20	22
Irvington	731	10.6	14	19
Montclair	462	9.8	22	47
Newark	6,133	13.5	248	40
Nutley	244	9.8	7	28
Orange	544	15.0	18	33
South Orange	120	7.5	4	33
West Orange	310	11.2	11	35
Gloucester County	1,089	13.7	50	45
Woodbury	115	12.6	3	26
Hudson County	8,824	12.3	328	37
Bayonne City	1,072	11.4	46	42
Guttenberg	75	11.4	3	40
Harrison	263	16.8	4	15
Hoboken	610	10.2	27	44
Jersey City	4,323	13.3	152	35
Kearny Town	513	11.1	27	52
Secaucus	60	5.8	2	33
Union City	682	11.6	29	42
West New York	532	13.3	10	18
Hunterdon County	408	11.5	26	63
Lambertville	74	16.3	4	54
Mercer County	2,558	12.9	115	44
Princeton Borough	98	13.2	4	40
Trenton City	1,595	12.7	74	46
Middlesex County	3,033	13.1	119	39
Carteret	169	11.9	12	71
Highland Park	109	10.7	1	9
New Brunswick	460	13.0	12	26
Perth Amboy	630	14.2	27	42
Sayreville	128	13.9	6	46
South Amboy	127	14.5	7	55
South River	142	11.5	2	14
Monmouth County	2,135	13.0	82	38
Asbury Park	191	11.9	6	31
Long Branch	236	11.6	8	33
Red Bank	183	14.6	8	43

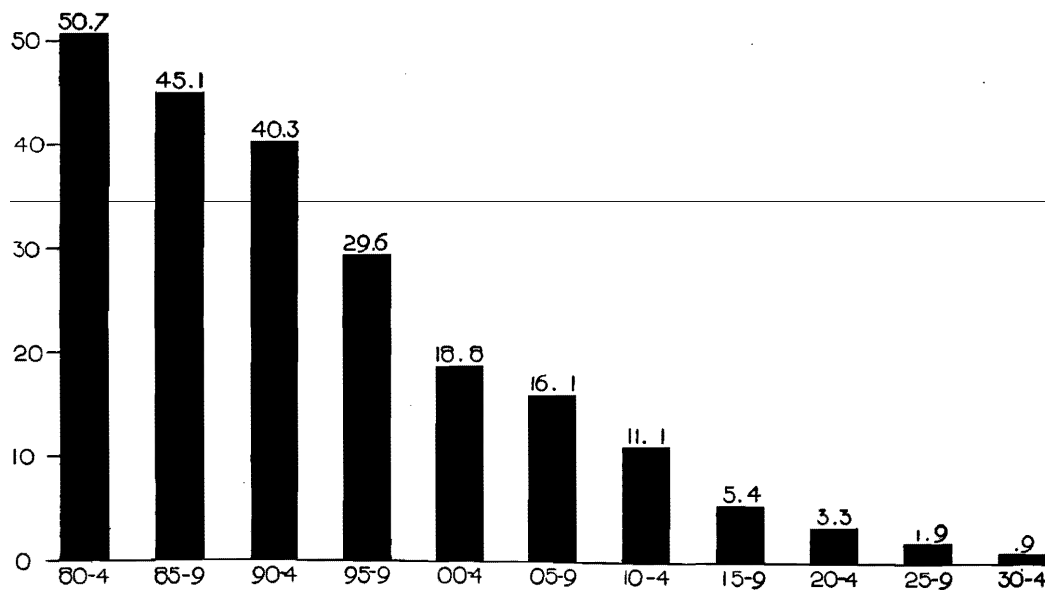
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	<i>Births</i> <i>(Exclusive of</i> <i>Stillbirths)</i>	<i>Birth Rates</i> <i>per 1,000</i> <i>Population</i>	<i>Deaths</i> <i>Under</i> <i>One Year</i>	<i>Infant</i> <i>Mortality</i> <i>Rates</i>
Morris County	1,624	13.4	57	35
Dover	167	16.5	10	59
Madison	122	14.8	5	40
Morristown	215	13.2	9	41
Ocean County	473	12.7	26	54
Passaic County	3,739	11.7	147	39
Clifton	656	12.0	15	22
Hawthorne	120	8.3	2	16
Passaic City	709	11.2	34	47
Paterson City	1,686	12.0	77	45
Salem County	678	18.3	35	51
Salem City	169	20.3	6	35
Somerset County	929	12.9	40	43
Bound Brook	108	13.6	2	18
North Plainfield	127	11.7	4	31
Somerville	99	11.2	5	50
Sussex County	508	17.5	30	59
Union County	4,373	12.6	154	35
Elizabeth City	1,537	12.6	63	40
Linden	356	13.6	12	33
Plainfield	513	13.8	17	33
Rahway	211	11.7	6	28
Roselle	175	11.0	4	22
Roselle Park	101	9.8	3	29
Summit	185	11.4	4	21
Westfield	214	11.6	8	37
Warren County	599	11.7	24	40
Phillipsburg	221	10.9	7	31

Typhoid Fever—The number of deaths was 25 and the death rate only 0.5 per 100,000 population. Similar figures for 1936 were 26 and 0.6 respectively. That the New Jersey rate was low was proven by the 1936 rate of 2.5 for the United States. The rate for the country for 1937 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, may 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



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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

	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
Registration area of the United States	4.9	4.2	4.7	4.4	3.6	3.5	3.3	2.7	2.5	2.1
New Jersey	1.7	1.4	1.1	0.9	0.7	0.9	0.7	0.5	0.6	0.5

TABLE 9—URBAN AND RURAL DEATHS FROM TYPHOID FEVER—1937

	Estimated population	Deaths from typhoid fever	Rate per 100,000 population
New Jersey	4,343,000	25	0.5
Municipalities having 5,000 or more inhabitants in 1930	3,210,000	16	0.5
Remainder of State	1,133,000	9	0.8

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

	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
Atlantic	2.1	1.0	3.1	1.5	2.2	2.1	1.5	5.8	4.3	1.4
Bergen	1.8	0.7	...	0.7	...	0.2	1.0	0.9	1.4	0.4
Burlington	3.1	3.1	3.1	1.0	3.1	4.1	...	...	1.0	2.0
Camden	4.7	2.9	1.9	0.7	1.5	1.5	0.3	1.1	0.3	0.7
Cape May	...	...	3.3	...	...	...	3.2	6.2	3.0	...
Cumberland	1.4	1.4	...	1.4	1.3	2.7	...	...	...	...
Essex	0.9	1.3	0.8	0.7	0.5	0.6	0.4	0.1	0.1	0.5
Gloucester	5.1	3.3	...	2.7	2.6	2.5	1.0	...	1.2	1.2
Hudson	0.9	0.9	0.7	...	0.2	0.1	0.1	...	0.2	0.1
Hunterdon	3.0	...	...	...	...	...	...	...	...	...
Mercer	1.5	1.5	1.5	1.5	0.5	2.0	0.5	...	1.0	...
Middlesex	0.9	1.9	1.8	1.3	1.3	0.4	...	...	...	...
Monmouth	7.0	1.7	3.3	2.6	3.1	1.8	7.7	1.2	0.6	3.6
Morris	2.2	...	0.8	0.8	...	1.6	1.7	...	...	...
Ocean	...	...	2.9	2.9	...	2.7	...	...	...	2.6
Passaic	1.0	2.3	...	1.9	0.6	...	0.6	0.3	0.3	...
Salem	2.2	...	2.7	...	...	5.4	...	...	5.5	...
Somerset	3.5	...	4.5	...	...	5.6	1.4	1.4	2.8	1.3
Sussex	4.0	4.0	...	...	...	...	...	...	...	3.4
Union	1.1	1.1	0.9	1.8	...	0.5	...	...	0.2	2.8
Warren	...	...	...	...	...	...	...	...	...	...
New Jersey	1.7	1.4	1.1	0.9	0.7	0.9	0.7	0.5	0.6	0.5

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

1879	268	1894	162	1909	25	1924	6
1880	293	1895	144	1910	25	1925	3
1881	431	1896	119	1911	25	1926	2
1882	379	1897	132	1912	29	1927	2
1883	290	1898	82	1913	11	1928	3
1884	230	1899	96	1914	10	1929	5
1885	209	1900	84	1915	17	1930	5
1886	243	1901	50	1916	10	1931	0
1887	217	1902	36	1917	5	1932	3
1888	264	1903	40	1918	13	1933	1
1889	203	1904	47	1919	2	1934	0
1890	195	1905	21	1920	5	1935	6
1891	180	1906	33	1921	10	1936	3
1892	198	1907	29	1922	3	1937	0
1893	148	1908	30	1923	2		

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 1937. During the preceding year only 15 deaths occurred. The death rate per 100,000 population was 1.2 and for 1936, 0.3.

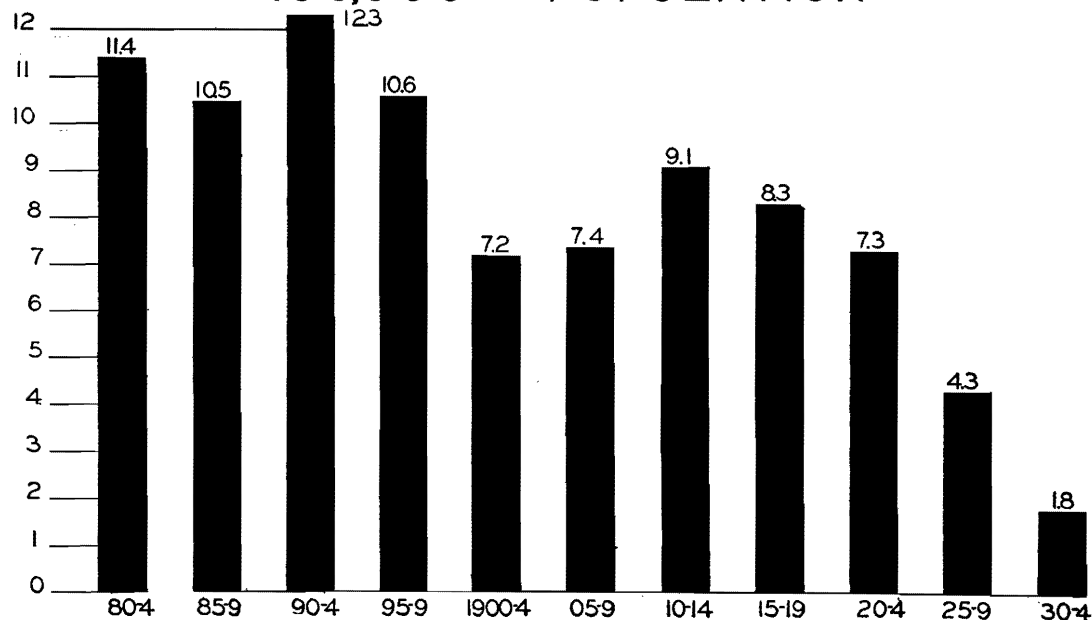
Scarlet Fever—The number of deaths from scarlet fever was 16, equivalent to a rate of 0.3 per 100,000 population. The number for the previous year was 31 and the rate was 0.7.

Whooping Cough—This disease caused 48 deaths during 1937, for 1936 the number was 57 and for 1935, 98. The 1937 death rate for 1.0 per 100,000 population.

Diphtheria—During 1937 only 29 persons died from diphtheria and laryngeal croup, equivalent to a rate of 0.6 per 100,000 population, compared with 0.4 for the previous year and 1.1 for 1935. 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 1937 was next to the lowest recorded and was decidedly favorable in comparison with the latest rate available for the United States, 2.4 for 1936.

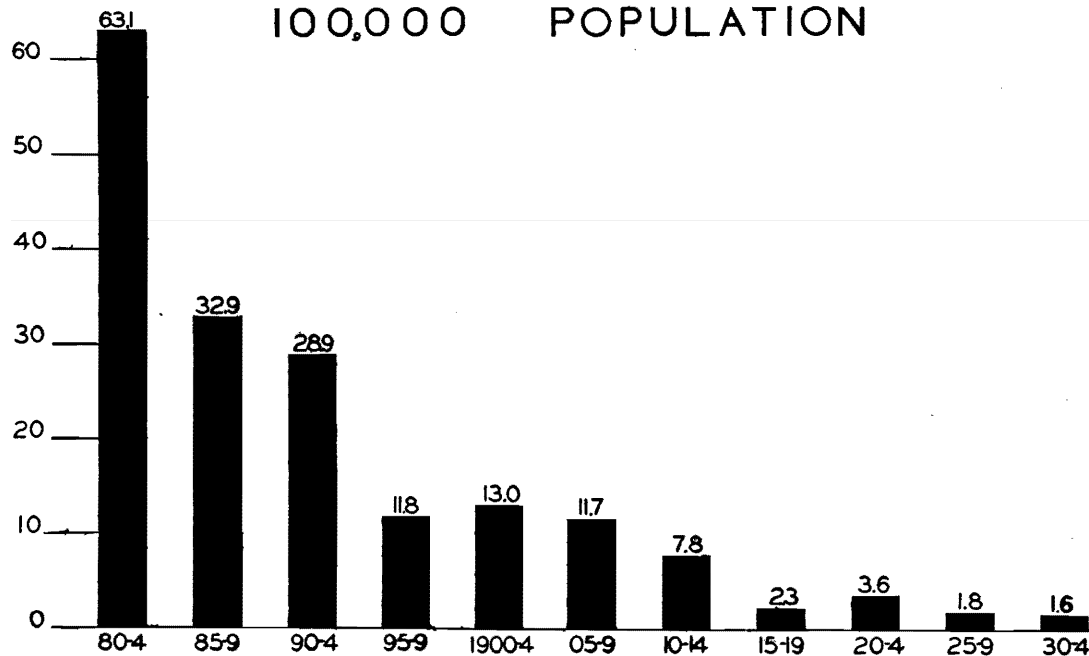
NEW JERSEY MEASLES

AVERAGE ANNUAL DEATH RATES
100,000 POPULATION



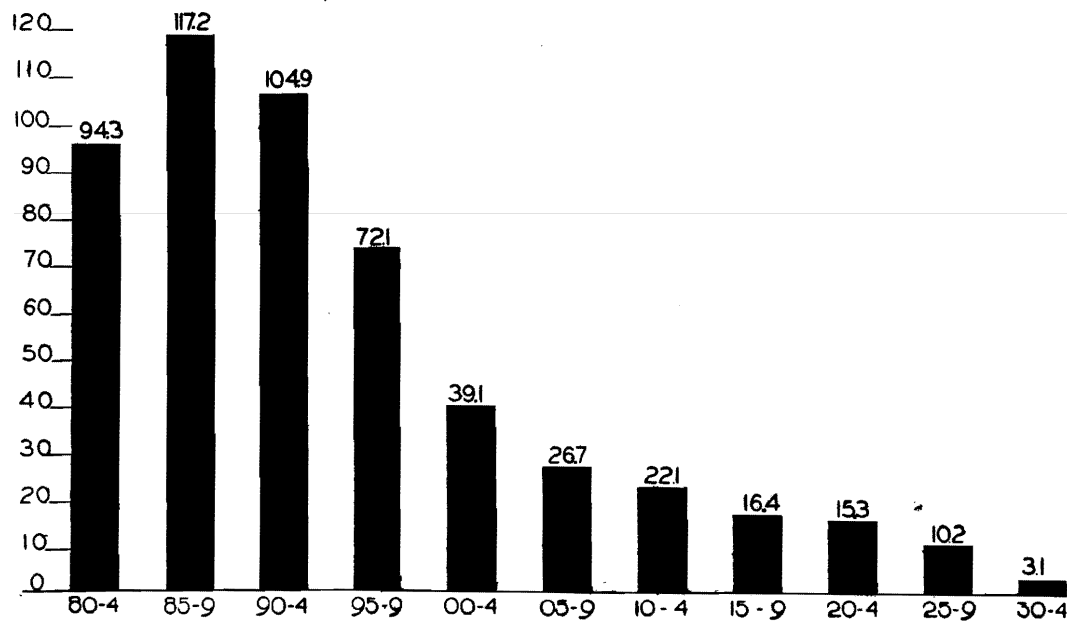
NEW JERSEY SCARLET FEVER

AVERAGE ANNUAL DEATH RATES
100,000 POPULATION

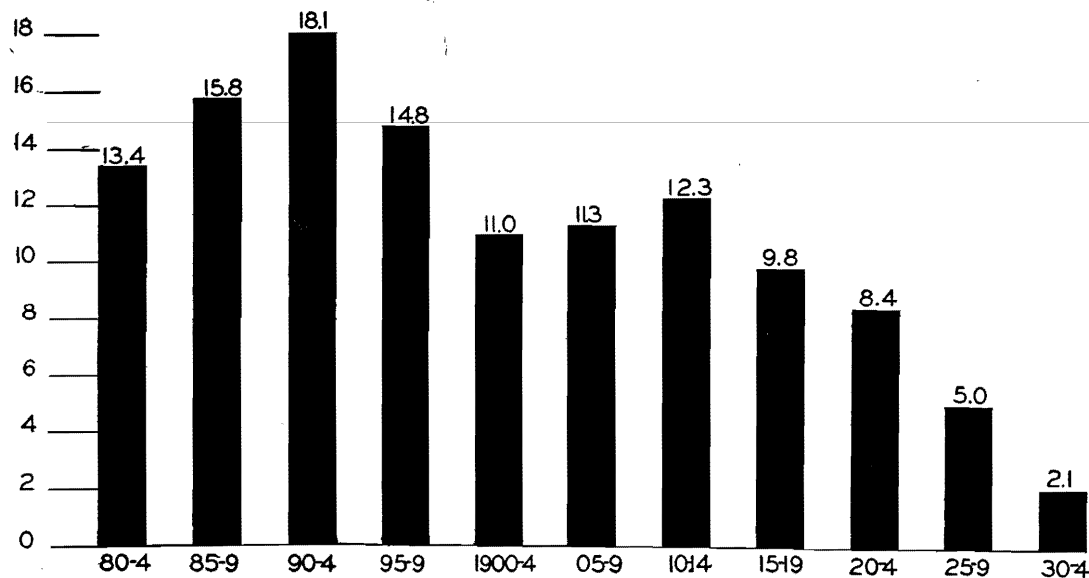


NEW JERSEY DIPHTHERIA

AVERAGE ANNUAL DEATH RATES
100,000 POPULATION



NEW JERSEY WHOOPING COUGH AVERAGE ANNUAL DEATH RATES 100.000 POPULATION



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Tuberculosis—The number of deaths from all forms of tuberculosis during 1937 was 2,091, of which 1,922 were deaths from tuberculosis of the respiratory system. The death rates per 100,000 population were 48.1 and 44.2 respectively, which were the lowest rates for tuberculosis ever recorded in New Jersey. The rates for 1936 were 50.0 and 45.4, which were the lowest tuberculosis death rates recorded in New Jersey.

Colored races—The number of deaths from all forms of tuberculosis was 432 and the rate 190.0 per 100,000 of colored population. The number of deaths from tuberculosis of the respiratory system was 378; the rate 166.5. Rates for the white population were 40.2 and 37.5 respectively.

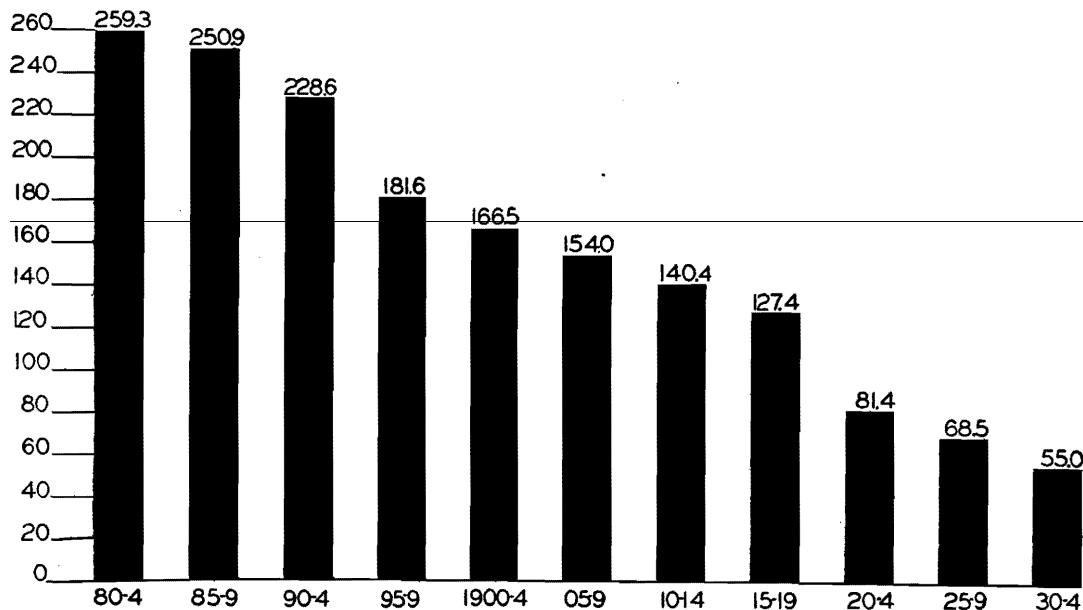
TABLE 11.—AVERAGE ANNUAL DEATH RATES FROM ALL CAUSES AND FROM RESPIRATORY TUBERCULOSIS FOR 59 YEARS, COMPARED WITH RATES FOR 1937

COUNTIES	Rates per 1,000 population		Rates per 100,000 population	
	Average annual death rates from all causes	Death rates from all causes, 1937	*Average annual death rates from respiratory tuberculosis	*Death rates from respiratory tuberculosis of 1937
Atlantic	15.1	11.8	108	51
Bergen	11.3	8.6	88	31
Burlington	14.4	11.6	122	40
Camden	15.0	11.3	132	34
Cape May	14.2	12.2	88	33
Cumberland	11.1	12.2	130	38
Essex	14.2	10.1	148	51
Gloucester	13.5	10.6	109	46
Hudson	15.3	10.1	153	48
Hunterdon	14.2	14.5	110	31
Mercer	14.5	10.6	147	59
Middlesex	12.9	9.1	103	38
Monmouth	14.9	13.0	113	44
Morris	11.9	10.8	126	32
Ocean	14.6	14.8	132	56
Passaic	13.6	9.6	121	38
Salem	13.5	13.3	121	56
Somerset	12.8	10.7	101	60
Sussex	12.7	13.3	103	38
Union	11.9	8.8	102	37
Warren	13.9	12.6	102	35
The State	14.0	10.4	128	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 1937 was 5,711 and the death rate was 131.4 per 100,000 population compared with 127.4 for the previous year. The mortality from the disease, with few exceptions, has steadily increased during the 59 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

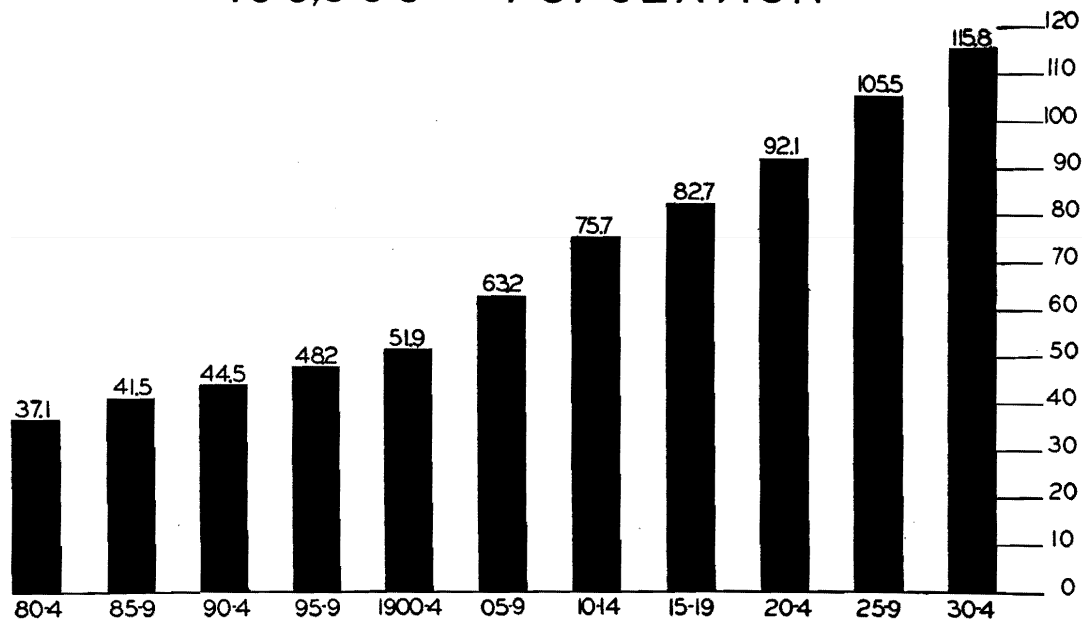


TABLE 12—DEATHS FROM CANCER AND OTHER MALIGNANT TUMORS BY ORGANS AFFECTED, NEW JERSEY, 1937

CANCER AND OTHER MALIGNANT TUMORS	AGE PERIODS																				Total
	Under 1 year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 and over	
Buccal Cavity and Pharynx—																					
Male		2					1	1		3	9	18	18	28	33	21	21	5	7	1	
Female										4	3	2	6	3	3	3	4	1	1		
Total		2					1	1		7	12	20	24	31	36	24	25	6	8	1	
Digestive Tract and Peritoneum—																					
Male		1	1	4	3	8	4	10	23	60	108	170	193	242	245	229	147	65	12	4	
Female		1			1	5	4	18	23	47	84	132	136	191	191	190	145	76	39	5	
Total		2	1	4	4	13	8	28	46	107	192	302	329	433	436	419	292	141	51	9	
Respiratory System—																					
Male			1	1		1	1	4	10	21	28	40	52	47	37	23	15	5	1	1	
Female				1	1	1	1	1	2	6	3	13	13	12	9	10	9	3	1		
Total			1	2	1	2	2	5	12	27	31	53	65	59	46	33	24	8	2	1	
Uterus—Female							5	16	24	49	62	75	75	74	68	40	45	14	3	1	
Other Female Genital Organs						1	1	3	7	12	11	27	26	20	23	8	13	3	3	1	
Breast—																					
Male													1	2	1	1	2			7	
Female					2		2	10	28	48	59	70	88	75	67	64	35	20	9	6	
Total					2		2	10	28	48	59	70	89	77	68	65	37	20	9	6	
Male Genitourinary Organs	1	1	1	1			2	3	3	11	12	38	45	70	89	80	64	38	14	6	
Skin																					
Male				1					2	1	1	4	6	4	2	6	6	3	1	1	
Female										1	1			3	5	3	8	3	5	1	
Total				1					2	2	2	4	6	7	7	9	14	6	6	2	
Other or Unspecified Organs—																					
Male		1	3		5	4	3	7	5	15	17	21	28	24	21	14	16	9	7	2	
Female		4	2		3		3	9	11	17	21	19	36	34	33	28	23	22	6	2	
Total		5	5		8	4	6	16	16	32	38	40	64	58	54	42	39	31	13	4	
Total Male	1	5	6	7	8	13	11	25	43	111	175	291	343	417	428	374	271	125	42	15	
Total Female		5	2	1	7	7	16	57	95	184	244	338	380	412	399	346	282	142	67	10	
Total Male and Female	1	10	8	8	15	20	27	82	138	295	419	629	723	829	827	720	553	267	109	31	

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Encephalitis Lethargica or Sleeping Sickness—Twenty-five deaths were assigned to this disease for the year 1937. In 1922, which was the first year that the deaths were separately classified, there were 45 deaths. Thirty-five deaths were recorded for 1936.

Nephritis—Deaths due to acute and chronic nephritis totaled 3,069, compared with 3,271 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, hanging or strangulation was responsible for the most deaths, with poisonous gas and firearms in second and third places. The number of deaths by suicide for ten years follows:

1928	565	1933	709
1929	622	1934	667
1930	601	1935	593
1931	694	1936	574
1932	740	1937	588

TABLE 13—DEATHS FROM SUICIDE, NEW JERSEY, 1937

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	6	7	1	4	5	6	2	2			1					87
Female		1	1	2	3	3		2	1	3	3								19
Total		1	4	8	10	4	4	7	7	5	5			1					56
Poisonous gas—																			
Male		1	9	5	12	8	15	11	7	11	9	4	2	5	4				103
Female		2	1	5	1	7	12	9	4	5	8	5	4		2				65
Total		3	10	10	13	15	27	20	11	16	17	9	6	5	6				168
Hanging or strangulation—																			
Male		1	4	2	11	13	14	16	20	23	16	14	6				2		142
Female			1			5	4	5	4	2	4	3	1						29
Total		1	5	2	11	18	18	21	24	25	20	17	7				2		171
Drowning—																			
Male			1		1	2	2	1	1	1	1	3	1	1					15
Female			1	1		1	2	1			1	1	1						9
Total			2	1	1	3	4	2	1	1	2	4	2	1					24
Firearms—																			
Male		4	6	3	10	7	7	6	9	7	10	7	8	7		2			93
Female				1	2	1	1	1											6
Total		4	6	4	12	8	8	7	9	7	10	7	8	7		2			99
Cutting or piercing instruments—																			
Male				1		2	6	2	1	3	2	1	2			1			21
Female				1			1						1						3
Total			1	1		2	7	2	1	3	2	1	3			1			24

Jumping from high places—																			
Male	1	2	4	4	4	2	2	4	1	1									21
Female		1	2	1	2	1	2	2	3	1									15
Total	1	3	6	5	6	3	4	6	3	2									39
Crushing—																			
Male		1	1			1	1												4
Female										1									1
Total		1	1			1	1			1									5
Other means—																			
Male								1											1
Female										1									1
Total								1		1									2
Total Male	7	24	20	45	37	53	44	47	51	40	30	19	14	4	5				440
Total Female	3	5	10	8	18	22	19	11	12	19	10	9		2					148
Total Male and Female.....	10	29	30	53	55	75	63	58	63	59	40	28	14	6	5				588

AUTOMOBILE FATALITIES

Deaths due to accidents in which moving automobiles were involved totaled 1,295 compared with 1,122 for 1936. The figures include 12 deaths due to motorcycle accidents and 22 deaths of bicyclists who were struck by automobiles, but are exclusive of 20 deaths due to the accidental inhalation of motor exhaust.

Analyzed the motor fatality data show the death of 696 pedestrians, which number is equivalent to 53 per cent of the total. Slightly less than one-sixth of the pedestrians who died were children under 15 years of age. Seventeen per cent of the drivers and occupants of automobiles who were killed were less than 20 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: 1937

<i>Age</i>	<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	28	0	12	0	40	0
5 to 9	55	2	8	4	63	6
10 to 14	15	1	13	4	28	5
15 to 19	22	1	49	10	71	11
20 to 24	8	1	91	17	99	18
25 to 29	15	3	54	18	69	21
30 to 59	293	17	196	55	489	72
60 to 69	126	5	32	6	158	11
70 and over	100	4	26	4	126	8
Totals	662	34	481	118	1,143	152

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MOTOR VEHICLE FATALITIES BY SEX, COLOR AND TYPE OF ACCIDENT: 1937

	<i>Males</i>		<i>Females</i>	
	<i>White</i>	<i>Colored</i>	<i>White</i>	<i>Colored</i>
Pedestrians	511	34	139	12
Collision auto and train or engine	22	1	3	0
Collision auto and street car	2	0	0	0
Collision auto with stationary objects	67	8	14	6
Collision auto with another motor vehicle	186	11	93	8
Collision auto with bicycle	19	2	1	0
Motorcycle accident	10	1	1	0
Other accidents	95	15	29	5
Total	912	72	280	31

MOTOR VEHICLE FATALITIES BY MONTHS OF DEATH: 1937

January	102	July	136
February	86	August	128
March	109	September	97
April	90	October	127
May	95	November	108
June	84	December	133
Total			1,295

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TABLE 14—PERCENTAGE OF THE VARIOUS CAUSES OF TOTAL DEATHS AND EACH SEX
OF TOTAL IN NEW JERSEY—1937

Abridged International List Number	CAUSE OF DEATH	Percentage of Total	Males—Percentage of Total	Females—Percentage of Total
1	Typhoid and paratyphoid fever	.1	81	19
2	Typhus fever	..	100	..
3	Smallpox	..	..	..
4	Measles	.1	51	49
5	Scarlet fever	..	56	44
6	Whooping cough	.1	46	54
7	Diphtheria	.1	76	24
8	Influenza	1.0	49	51
9	Plague	..	..	..
10	Tuberculosis of the respiratory system	4.2	62	38
11	Other forms of tuberculosis	.4	56	44
12	Syphilis	.8	71	29
13	Malaria	..	..	..
14	Other infectious and parasitic diseases	.5	59	41
15	Cancer and other malignant tumors	12.6	47	53
16	Tumors, nonmalignant, or of which the nature is not specified...	.5	31	69
17	Chronic rheumatism and gout	.1	38	62
18	Diabetes mellitus	3.0	33	67
19	Alcoholism (acute or chronic)	.1	83	17
20	Other general diseases and chronic poisonings	1.5	44	56
21	Progressive locomotor ataxia and general paralysis of the insane.	.3	81	19
22	Cerebral hemorrhage, cerebral embolism and thrombosis	7.4	45	55
23	Other diseases of the nervous system and of the organs of special sense	1.3	55	45
24	Diseases of the heart	30.3	55	45
25	Other diseases of the circulatory system	2.0	48	52
26	Bronchitis	.3	46	54
27	Pneumonias	6.5	56	44
28	Other diseases of the respiratory system (tuberculosis excepted)	.6	61	39
29	Diarrhea and enteritis	.5	51	49
30	Appendicitis	1.2	55	45
31	Diseases of the liver and biliary passages	1.7	53	47
32	Other diseases of the digestive system	2.4	65	35
33	Nephritis	6.8	50	50
34	Other diseases of the genitourinary system	1.3	68	32
35	Puerperal septicemia	.2	..	100
36	Other diseases of pregnancy, childbirth and the puerperal state.	.2	..	100
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	.2	63	37
38	Congenital debility and malformations, premature birth and other diseases of early infancy	3.0	55	45
39	Senility	.3	40	60
40	Suicide	1.3	75	25
41	Homicide	.3	73	27
42	Violent and accidental deaths (suicide and homicide excepted)...	6.8	69	31
43	Cause of death not specified or ill-defined	..	80	20
	All causes	100.0	53.8	46.2

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TABLE 15—DEATH RATES, TOTAL, WHITE AND COLORED, FROM IMPORTANT CAUSES, PER 100,000 TOTAL, WHITE AND COLORED POPULATION IN NEW JERSEY—1937

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	.6	.5	2.2
2	Typhus fever	...	...	...
3	Smallpox	...	...	...
4	Measles	1.2	1.2	1.7
5	Scarlet fever	.3	.3	.4
6	Whooping cough	1.0	.9	3.9
7	Diphtheria	.6	.7	...
8	Influenza	10.2	10.0	12.7
9	Plague	...	...	...
10	Tuberculosis of the respiratory system	44.2	37.5	166.5
11	Other forms of tuberculosis	3.8	2.7	23.7
12	Syphilis	8.0	5.5	54.6
13	Malaria	...	...	...
14	Other infectious and parasitic diseases	5.6	5.3	11.4
15	Cancer and other malignant tumors	131.4	132.4	114.9
16	Tumors, nonmalignant, or of which the nature is not specified...	5.7	5.4	9.6
17	Chronic rheumatism and gout	1.1	1.1	.4
18	Diabetes mellitus	30.8	31.1	25.1
19	Alcoholism (acute or chronic)	2.0	1.8	5.2
20	Other general diseases and chronic poisonings	15.5	15.5	15.8
21	Progressive locomotor ataxia and general paralysis of the insane...	3.5	3.1	11.0
22	Cerebral hemorrhage, cerebral embolism and thrombosis	77.6	76.3	100.8
23	Other diseases of the nervous system and of the organs of special sense	13.4	13.2	17.6
24	Diseases of the heart	316.4	316.1	323.3
25	Other diseases of the circulatory system	20.6	20.5	24.2
26	Bronchitis	2.9	2.9	1.7
27	Pneumonias	67.7	63.8	138.3
28	Other diseases of the respiratory system (tuberculosis excepted)	6.3	6.0	11.4
29	Diarrhea and enteritis	5.2	4.8	11.4
30	Appendicitis	12.0	12.0	11.0
31	Diseases of the liver and biliary passages	17.4	17.7	11.4
32	Other diseases of the digestive system	24.8	24.3	33.9
33	Nephritis	70.6	68.9	101.7
34	Other diseases of the genitourinary system	13.1	12.9	17.1
35	Puerperal septicemia	1.6	1.3	7.0
36	Other diseases of pregnancy, childbirth and the puerperal state...	2.5	2.3	5.2
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	2.2	2.2	3.0
38	Congenital debility and malformations, premature birth and other diseases of early infancy	31.1	29.4	62.9
39	Senility	2.8	2.6	4.8
40	Suicide	13.5	14.0	4.4
41	Homicide	3.0	1.9	22.4
42	Violent and accidental deaths (suicide and homicide excepted)...	70.5	69.0	97.7
43	Cause of death not specified or ill-defined	.4	.4	.8
	All causes	1043.3	1019.6	1473.1

TABLE 16.—DEATHS (EXCLUSIVE OF STILLBIRTHS) BY CAUSES AND MONTHS OF DEATH: NEW JERSEY—1937

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	27	1	2	.....	3	2	2	1	6	6	2	1	1
2	Typhus fever	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
3	Smallpox .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	55	2	3	15	15	11	2	4	1	.....	.....	.....	2
5	Scarlet fever	16	.....	2	3	2	4	3	.....	.....	.....	.....	1	1
6	Whooping cough	48	9	8	1	3	8	2	6	1	2	3	.....	5
7	Diphtheria	29	3	2	4	2	3	11	.....	.....	.....	5	5	3
8	Influenza	444	137	98	56	44	29	8	4	7	11	16	15	19
9	Plague .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	1922	186	162	188	150	202	169	159	153	121	140	154	143
11	Other forms of tuberculosis	169	11	20	14	17	18	15	16	16	13	17	7	5
12	Syphilis	351	31	39	37	24	33	29	35	27	29	25	16	26
13	Malaria .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	246	28	28	33	27	20	25	12	14	18	12	14	15
15	Cancer and other malignant tumors	5711	491	403	484	499	485	462	485	464	435	503	511	480
16	Tumors, nonmalignant, or of which the nature is not specified	248	16	22	18	24	25	29	24	19	17	17	23	14
17	Chronic rheumatism and gout	50	1	2	5	3	2	7	4	4	.....	4	9	5
18	Diabetes mellitus	1341	169	96	135	109	126	101	111	94	102	104	107	96
19	Alcoholism (acute or chronic)	89	7	8	13	4	5	3	3	6	8	10	6	10
20	Other general diseases and chronic poisonings	674	67	47	70	63	68	44	62	50	45	61	45	52
21	Progressive locomotor ataxia and general paralysis of the insane	156	10	25	18	16	12	15	10	11	11	10	10	8
22	Cerebral hemorrhage, cerebral embolism and throm- bosis	3372	324	277	320	323	297	217	296	228	250	264	272	304
23	Other diseases of the nervous system and of the organs of special sense	584	57	45	63	58	39	47	62	52	29	47	41	44
24	Diseases of the heart	13745	1330	1315	1399	1207	1178	958	1056	913	957	1136	1077	1219
25	Other diseases of the circulatory system	899	87	85	79	81	84	58	77	64	74	61	74	75
26	Bronchitis	127	20	23	13	6	10	4	6	7	4	12	10	12
27	Pneumonias	2942	489	396	440	340	219	143	114	85	101	188	184	243

28	Other diseases of the respiratory system (tuberculosis excepted)	277	32	34	37	19	17	18	14	24	15	24	19	24
29	Diarrhea and enteritis	226	19	11	23	16	15	10	17	25	26	21	24	19
30	Appendicitis	522	36	50	40	47	57	39	45	50	56	42	33	27
31	Diseases of the liver and biliary passages	757	58	56	86	71	69	47	79	56	56	62	63	53
32	Other diseases of the digestive system	1080	98	83	76	100	104	103	84	87	86	96	70	93
33	Nephritis	3069	290	275	331	254	264	225	264	206	238	253	212	257
34	Other diseases of the genitourinary system	571	51	59	53	53	46	57	50	42	43	51	34	32
35	Puerperal septicemia	73	5	7	11	14	6	4	4	4	2	6	6	4
36	Other diseases of pregnancy, childbirth and the puerperal state	109	13	7	12	9	4	3	9	5	16	5	14	12
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	99	8	10	10	10	11	7	7	9	5	3	11	8
38	Congenital debility and malformations, premature birth and other diseases of early infancy	1355	106	113	139	105	117	99	121	113	103	100	119	120
39	Senility	122	12	11	15	8	13	9	8	13	10	6	6	11
40	Suicide	588	54	47	45	54	49	42	61	51	51	42	47	45
41	Homicide	132	7	12	12	10	11	6	13	12	12	14	10	13
42	Violent and accidental deaths (suicide and homicide excepted)	3066	240	233	292	224	279	223	328	280	208	253	222	284
43	Cause of death not specified or ill-defined	20	2	1	.....	1	1	1	2	2	6	4	.....	.....
	All causes	45,312	4498	4117	4585	4015	3943	3238	3660	3201	3170	3620	3472	3793

TABLE 17—DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM EACH CAUSE OF THE ABRIDGED INTERNATIONAL LIST, BY AGE, SEX, AND COLOR
IN NEW JERSEY, 1937

[illegible]

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TABLE 17—DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM EACH CAUSE OF THE ABRIDGED INTERNATIONAL LIST, BY AGE, SEX, AND COLOR
IN NEW JERSEY, 1937—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	351	22		2			24			3	5	0	16	28	35	31	55	53	41	28	16	7	2	1				
	Males—White	177	7					7				3		3	12	14	16	31	33	23	17	10	5	2	1				
	Males—Colored	71	0		2			8					4	6	3	11	5	11	7	8	5	2	1						
	Females—White	50	4					4			2		2	1	5	2	4	4	9	2	6	3							
	Females—Colored	53	5					5			1	2		6	8	8	6	9	4	2		1	1						
13	Malaria—																												
	Total																												
	Males—White																												
	Males—Colored																												
	Females—White																												
	Females—Colored																												
14	Other infectious and parasitic diseases—																												
	Total	246	16	7	9	5	3	40	28	10	7	14	15	17	16	11	12	15	10	15	16	3	11	3	1	2			
	Males—White	131	8	3	5	3	2	21	13	5	4	7	5	8	10	8	6	8	7	10	9	1	6	2	1				
	Males—Colored	13						1	2		1		1	3	1		1	2	1										
	Females—White	89	8	4	3	2	1	18	10	5	2	5	7	2	5	3	4	5	1	5	7	2	5	1		2			
	Females—Colored	13						3				2	2	4			1		1										
15	Cancer and other malignant tumors—																												
	Total	5711	1	1	3	2	4	11	8	8	15	20	27	82	138	295	419	629	723	829	827	720	553	267	109	31			
	Males—White	2589	1		1	2	2	6	6	7	7	12	9	25	40	100	162	272	328	401	409	368	264	120	39	14			
	Males—Colored	122									1	1	2		3	11	13	19	15	16	19	6	7	5	3	1			
	Females—White	2861		1	2		2	5	2	1	6	7	15	48	86	169	228	321	364	394	386	335	276	138	64	16			
	Females—Colored	139									1		1	9	9	15	16	17	16	18	13	11	6	4	3				
16	Tumors, nonmalignant, or of which the nature is not specified—																												
	Total	248	1	1			1	3	1	5	6	4	23	13	23	35	45	28	11	15	9	7	9	8	1	2			
	Males—White	75		1			1	2		3	3	4	8	5	5	4	9	7	5	5	5	2	4	4					
	Males—Colored	1														1													
	Females—White	151	1					1	1	2	3		11	5	17	26	35	18	4	8	3	5	5	4	1	2			
	Females—Colored	21											4	3	1	4	1	3	2	2	1								

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TABLE 17—DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM EACH CAUSE OF THE ABRIDGED INTERNATIONAL LIST, BY AGE, SEX, AND COLOR
IN NEW JERSEY, 1937—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—																											
	Total	13745	7	3	1	3	...	14	32	52	56	96	110	149	232	470	720	965	1284	1763	1846	1956	1841	1234	671	254	...	
	Males—White	7171	2	2	1	1	...	6	14	20	23	41	54	63	112	267	433	605	748	986	1020	980	877	554	267	101	...	
	Males—Colored	355	...	1	...	...	...	1	2	3	1	3	1	9	16	35	34	27	46	53	43	37	19	17	5	3	...	
	Females—White	5840	5	...	...	1	...	6	15	26	30	44	48	67	89	139	211	288	447	681	743	898	922	651	391	144	...	
	Females—Colored	379	...	...	...	1	...	1	1	3	2	8	7	10	15	29	42	45	43	43	40	41	23	12	8	6	...	
25	Other diseases of the circulatory system—																											
	Total	899	2	1	...	...	1	4	3	...	1	2	2	4	10	14	27	33	61	64	96	119	148	145	111	55	...	
	Males—White	401	2	1	...	...	1	4	...	...	1	1	1	...	3	5	11	18	28	38	40	50	73	70	42	16	...	
	Males—Colored	29	...	...	...	...	...	...	...	...	...	...	...	2	...	1	2	2	5	4	6	6	1	...	...	...	...	
	Females—White	443	...	...	...	...	...	...	3	...	...	1	...	2	5	7	12	12	25	20	47	59	72	74	67	37	...	
	Females—Colored	26	...	...	...	...	...	...	...	...	...	...	1	...	2	1	2	1	3	2	3	4	2	1	2	2	...	
26	Bronchitis—																											
	Total	127	9	3	1	4	1	18	...	2	3	...	3	1	6	2	9	7	4	5	11	3	22	16	6	9	...	
	Males—White	56	5	1	1	1	1	9	...	1	1	...	...	...	2	2	5	1	3	3	7	2	12	3	3	2	...	
	Males—Colored	2	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	
	Females—White	67	4	2	...	3	...	9	...	...	2	...	3	1	2	...	4	6	...	2	4	1	10	13	3	7	...	
	Females—Colored	2	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	
27	Pneumonia—																											
	Total	2942	366	111	46	26	16	565	43	17	44	56	70	96	113	125	209	197	226	248	225	242	198	136	78	54	...	
	Males—White	1459	169	48	19	9	11	256	21	5	23	22	29	46	53	72	120	125	150	145	112	113	80	46	26	15	...	
	Males—Colored	181	43	11	7	1	2	64	2	2	1	4	7	4	13	16	18	13	9	9	4	5	5	4	1	...	...	
	Females—White	1169	127	42	19	13	3	204	18	10	20	25	29	35	37	35	58	50	62	88	104	117	111	81	48	37	...	
	Females—Colored	133	27	10	1	3	...	41	2	...	...	5	5	11	10	2	13	9	5	6	5	7	2	5	3	2	...	
28	Other diseases of the respiratory system (tuberculosis excepted)—																											
	Total	277	10	9	5	4	2	30	6	2	10	9	7	15	15	19	22	29	23	29	12	20	14	5	8	2	...	
	Males—White	160	7	7	3	...	...	17	4	2	3	2	4	8	8	7	15	22	15	17	9	13	8	2	3	1	...	
	Males—Colored	10	...	...	...	1	...	1	...	...	1	1	1	1	1	1	...	...	1	1	...	...	...	...	...	...	...	
	Females—White	91	3	2	1	2	2	10	2	...	4	5	2	4	5	10	6	4	6	10	3	6	6	3	5	...	...	
	Females—Colored	16	...	...	1	1	...	2	...	...	2	1	...	2	1	1	1	2	1	1	...	1	...	...	...	1	...	

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TABLE 17—DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM EACH CAUSE OF THE ABRIDGED INTERNATIONAL LIST, BY AGE, SEX, AND COLOR
IN NEW JERSEY, 1937—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	Unknown		
36	Other diseases of pregnancy, childbirth and the puerperal state—																												
	Total	109									5	26	25	19	26	8													
	Females—White	97									4	24	20	19	25	5													
	Females—Colored	12									1	2	5		1	3													
37	Diseases of the skin and cellular tissue and of the bones and organs of locomotion—																												
	Total	99	9		2			11	4	6	8	6	4	5	3	7	10	4	8	5	5	5	4	3					
	Males—White	59	5		1			6	2	5	3	5	1	2	2	6	6	4	3	4	4	3	1	2					
	Males—Colored	3						1			2																		
	Females—White	33	4					4	1	1	3	1	2	3	1	1	3		5	1	1	1	3	1					
	Females—Colored	4			1			1					1				1												
38	Congenital debility and malformations, premature birth and other diseases of early infancy—																												
	Total	1355	1332	12	5	1	2	1352	2	1																			
	Males—White	681	671	6	1		1	679	1	1																			
	Males—Colored	71	70	1				71																					
	Females—White	531	519	5	4	1	1	530	1																				
	Females—Colored	72	72					72																					
39	Senility—																												
	Total	122														1				3	2	10	21	27	29	29			
	Males—White	45																		2	1	5	10	7	8	12			
	Males—Colored	4																			1	1	1	1	1	1			
	Females—White	66																		1		4	9	19	18	14			
	Females—Colored	7														1						1	1		3	2			
40	Suicide—																												
	Total	588									10	29	30	53	55	75	63	58	63	59	40	28	14	6	5				
	Males—White	434									7	23	20	42	36	53	43	47	51	40	30	19	14	4	5				
	Males—Colored	6												3	1		1												
	Females—White	144									3	5	10	7	17	22	19	11	12	17	10	9		2					
	Females—Colored	4												1	1					2									

[illegible]

TABLE 18.—DEATHS (exclusive of stillbirths) BY CAUSES, BY DAYS, WEEKS AND MONTHS OF THE FIRST YEAR OF LIFE, IN NEW JERSEY—1937

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 6	6 to 8	9 to 11
	All causes	2170	690	157	98	147	1092	98	78	59	1327	139	128	258	175	143
1	Typhoid and paratyphoid fever															
2	Typhus fever															
3	Smallpox															
4	Measles	10												1	5	4
5	Scarlet fever															
6	Whooping cough	31								1	1	5	1	11	6	7
7	Diphtheria	5											1		1	3
8	Influenza	29			1		1			1	2	3	2	9	8	5
9	Plague															
10	Tuberculosis of the respiratory system	6												1	2	3
11	Other forms of tuberculosis	11											1	3	4	3
12	Syphilis	22	7	2	1	1	11	1	1	1	14	2		6		
13	Malaria															
14	Other infectious and parasitic diseases	16						1	1	1	3	3	1	1	5	3
15	Cancer and other malignant tumors	1	1				1				1					
16	Tumors, nonmalignant, or of which the nature is not specified	1												1		
17	Chronic rheumatism and gout															
18	Diabetes mellitus															
19	Alcoholism (acute or chronic)															
20	Other general diseases and chronic poisonings	50	1		3	4	8	2	4	2	16	8	6	8	7	5
21	Progressive locomotor ataxia and general paralysis of the insane															
22	Cerebral hemorrhage, cerebral embolism and thrombosis	5				1	1				1	1	1	1	1	
23	Other diseases of the nervous system and of the organs of special sense	33				1	1				1	7	2	13	5	5
24	Diseases of the heart	7											2	1	2	2
25	Other diseases of the circulatory system	2												2		
26	Bronchitis	9								1	1	1	5	2		

27	Pneumonias	366	2	2	1	3	8	10	12	15	45	29	40	110	81	61
28	Other diseases of the respiratory system (tuberculosis excepted)	10	1				1	1			2	1	2	1	2	2
29	Diarrhea and enteritis	126				2	2	5	7	11	25	20	21	26	19	15
30	Appendicitis	1												1		
31	Diseases of the liver and biliary passages															
32	Other diseases of the digestive system	30	1			1	2	2			4		2	9	4	11
33	Nephritis	4							1		1	1	1			1
34	Other diseases of the genitourinary system	6								2	2		3	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	9						1	2		3	2		4		
38	Congenital debility and malformations, premature birth and other diseases of early infancy...	1332	673	152	92	133	1050	75	50	22	1197	53	28	35	14	5
39	Senility															
40	Suicide															
41	Homicide	2	1				1				1			1		
42	Violent and accidental deaths (suicide and homicide excepted)	44	2	1			3			2	5	3	9	10	9	8
43	Cause of death not specified or ill-defined	2	1			1	2				2					

TABLE 19.—DEATHS (exclusive of stillbirths) UNDER ONE YEAR OF AGE, BY CAUSES AND MONTHS OF DEATH, IN NEW JERSEY—1937

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	2170	225	208	252	182	174	147	171	157	145	146	171	192
2	Typhoid and paratyphoid fever													
3	Typhus fever													
4	Smallpox													
5	Measles	10	1		1	2	3			1				2
6	Scarlet fever													
7	Whooping cough	31	7	5		2	5	1	4	1		2		4
8	Diphtheria	5	1		1			1						
9	Influenza	29	16	6	3	1	1					1		1
10	Plague													
11	Tuberculosis of the respiratory system	6			1	1	1	1						2
12	Other forms of tuberculosis	11	1	2		1	1	2		1		3		
13	Syphilis	22	1	3	3	3	2	1	3		3			3
14	Malaria													
15	Other infectious and parasitic diseases	16	2	4	2	3		1		2		2		
16	Cancer and other malignant tumors	1						1						
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	50	3	6	5	4	1	3	8	1	7	4	5	3
22	Progressive locomotor ataxia and general paralysis of the insane													
23	Cerebral hemorrhage, cerebral embolism and thrombosis	5	2								1			2
24	Other diseases of the nervous system and of the organs of special sense	33	2	3	7	3	2	6		4		2	2	2
25	Diseases of the heart	7		1	1	1		1			1		1	1
26	Other diseases of the circulatory system	2						1	1					

26	Bronchitis	9	2	1	2	1	1	1	1	1	1	1	1
27	Pneumonias	366	63	56	61	38	28	19	13	10	14	14	22
28	Other diseases of the respiratory system (tuberculosis excepted)	10	1	1	2	1	1	1	1	2	1	1	1
29	Diarrhea and enteritis	126	12	5	15	8	8	3	10	16	10	12	13
30	Appendicitis	1								1			
31	Diseases of the liver and biliary passages												
32	Other diseases of the digestive system	30		3	2	6	1	2	6	3	1	1	2
33	Nephritis	4			1		1				1		1
34	Other diseases of the genitourinary system	6	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	9				1	2	1	1	1			2
38	Congenital debility and malformations, premature birth and other diseases of early infancy	1332	104	109	138	103	114	98	119	110	102	98	119
39	Senility												
40	Suicide												
41	Homicide	2							1				1
42	Violent and accidental deaths (suicide and homicide excepted)	44	5	3	7	4	2	2	4	4	4	1	2
43	Cause of death not specified or ill-defined	2	1				1						6

DEPARTMENT OF HEALTH

TABLE 20.—DEATHS, ADJUSTED FOR RESIDENCE, FROM EACH CAUSE, DETAILED OF 5,000 OR MORE INHABITANTS IN 1930. COUNTY

	State Total	Atlantic County	Atlantic City	Hammonton	Pleasantville	Bergen County	Bergenfield	Cliffside Park	Englewood	Fairview	Fort Lee	Garfield	Hackensack
1. Typhoid fever	25	2				2							1
2. Paratyphoid fever	2												
3. Typhus fever	1												
4. Relapsing fever													
5. Undulant fever													
6. Smallpox													
7. Measles	55					3					1		
8. Scarlet fever	16					1							
9. Whooping cough	48	1	1			2				1			
10. Diphtheria	29	1			1	2						1	
11. Influenza	444	20	11	2	4	29	1	1		1			2
12. Cholera													
13. Dysentery	5												
14. Plague													
15. Erysipelas	54	1	1			3			1				
16. Acute poliomyelitis and acute polioencephalitis													
17. Lethargic or epidemic encephalitis	23	3	1										
18. Epidemic cerebrospinal meningitis	25	1	1			2					1		
19. Glanders	46	1	1			3							
20. Anthrax (bacillus anthracis) malignant pustule													
21. Rabies	1												
22. Tetanus	17												
23. Tuberculosis of the respiratory system....	1922	72	49	3	4	133	4	6	12	5	2	11	13
24. Tuberculosis of the meninges and central nervous system	39	1	1			2							
25. Tuberculosis of the intestines and peritoneum	27	3	2			2							
26. Tuberculosis of the vertebral column....	19	1	1			4				1	1		
27. Tuberculosis of the bones and joints....	10					1							
28. Tuberculosis of the skin and subcutaneous cellular tissue	2												
29. Tuberculosis of the lymphatic system....	5												
30. Tuberculosis of the genitourinary system.	16					1							
31. Tuberculosis of other organs	6					1							
32. Disseminated tuberculosis	45					3			2				
33. Leprosy													
34. Syphilis	351	23	20		1	27			1	1		1	5
35. Gonococcus infection and other venereal diseases	23	2	2										
36. Purulent infection, septicemia	40	1	1			1							
37. Yellow fever													
38. Malaria													
39. Other diseases due to protozoal parasites..													
40. Ankylostomiasis													
41. Hydatid cysts													
42. Other diseases caused by helminths	2												
43. Mycoses	1												
44. Other infectious and parasitic diseases..	9												
45. Cancer and other malignant tumors of the buccal cavity and pharynx	198	8	6	1		12		1					2
46. Cancer and other malignant tumors of the digestive tract and peritoneum	2817	95	38	5	7	269	7	13	9	5	5	18	19
47. Cancer and other malignant tumors of the respiratory system	374	11	6		1	18		2	4		1	1	1
48. Cancer and other malignant tumors of the uterus	551	37	16	2	4	33	2	1	4			2	2
49. Cancer and other malignant tumors of other female genital organs	159	3	2			18	1	1	1	1	1		
50. Cancer and other malignant tumors of the breast	590	25	14	2	2	59	1	1	4	3	2	1	3
51. Cancer and other malignant tumors of the male genitourinary organs	479	15	9	1	1	42		2				5	4
52. Cancer and other malignant tumors of the skin	68	5			2	5			2				1
53. Cancer and other malignant tumors of other or unspecified organs	475	14	7		2	31	1	3	4		1	2	2

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	Millsville	Vineland	Essex County	Belleville
.	.	.	.	.	.	2	1	1	2	.	2	.	.	.	.	.	.	.	.	.	5
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
.	.	.	.	.	.	2	1	.	.	.	.	.	.	.	1	.	.	.	.	.	1
.	.	1	1	.	.	3	1	.	2	1	6	.	.	.	.	.	.	.	.	.	23
.	1	1	1	6	1	23	1	3	48	.	33	.	3	2	6	19	3	6	2	66	2
.	.	1	.	.	.	1	.	.	.	.	.	.	.	1	.	2	.	.	.	.	9
.	.	.	.	1	1	1	1	.	1	1	.	.	1	.	.	2	1	2	.	2	2
.	.	.	.	.	.	.	.	.	1	1	.	.	.	.	.	1	1	.	3	9	.
9	1	2	3	10	2	40	4	7	96	2	65	4	6	5	11	28	6	4	3	464	8
.	.	.	1	.	.	.	.	.	3	.	1	.	.	.	1	.	.	.	.	11	.
.	.	1	.	.	.	.	.	.	2	2	2	1	.	.	.	.	.	.	.	11	.
.	.	.	.	.	.	.	.	.	1	.	1	.	.	.	.	.	.	.	.	2	.
1	.	.	.	1	.	.	.	.	2	2	.	.	.	.	.	.	.	.	.	1	.
2	.	1	2	.	2	5	.	.	25	.	17	2	1	4	6	2	1	.	77	1	.
.	.	.	.	.	.	1	.	.	3	.	1	.	.	.	1	1	.	.	4	8	1
.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	1	8	.
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.
9	6	13	13	7	7	69	4	12	165	2	77	7	14	8	28	46	10	6	8	597	18
1	.	.	2	.	.	7	1	1	16	2	7	.	.	1	.	2	.	1	1	96	1
.	1	1	2	1	.	12	.	2	41	2	17	5	5	1	4	11	4	3	.	99	2
2	.	.	.	.	.	3	.	1	11	.	2	.	.	2	1	1	.	1	.	50	1
1	1	.	5	3	1	14	.	2	39	3	14	3	2	1	6	6	2	2	.	133	4
.	.	3	3	4	2	12	.	3	32	.	12	1	1	.	5	15	4	1	2	100	4
1	.	.	.	.	.	.	.	.	6	.	5	.	.	.	.	1	.	.	.	15	1
.	.	.	1	1	.	12	.	4	33	3	11	3	1	1	5	5	1	.	1	109	3

DEPARTMENT OF HEALTH

TABLE 20.—DEATHS, ADJUSTED FOR RESIDENCE, FROM EACH CAUSE, DETAILED OF 5,000 OR MORE INHABITANTS IN 1930. COUNTY

	Bloomfield	East Orange	Irvington	Montclair	Newark	Nutley	Orange	South Orange	West Orange	Gloucester County	Woodbury
1. Typhoid fever	2	2							1	1	
2. Paratyphoid fever			1								
3. Typhus fever					1						
4. Relapsing fever											
5. Undulant fever											
6. Smallpox											
7. Measles	1			2	17	1	1				
8. Scarlet fever					1						
9. Whooping cough		2			8	1			1	1	1
10. Diphtheria		1		1	1						
11. Influenza	2	15	7	1	28	1	3	1	1	10	2
12. Cholera											
13. Dysentery											
14. Plague											
15. Erysipelas		1	1	1	4						
16. Acute poliomyelitis and acute polioencephalitis				1	1						
17. Lethargic or epidemic encephalitis		1			1	1					
18. Epidemic cerebrospinal meningitis					7	1					
19. Glanders											
20. Anthrax (bacillus anthracis) malignant pustule											
21. Rabies											
22. Tetanus					2			1			
23. Tuberculosis of the respiratory system....	12	23	19	17	310	7	27	3	10	37	5
24. Tuberculosis of the meninges and central nervous system	1	1			9						
25. Tuberculosis of the intestines and peritoneum			1	1	7		1		1	1	
26. Tuberculosis of the vertebral column.....					2					1	
27. Tuberculosis of the bones and joints.....					1			1			
28. Tuberculosis of the skin and subcutaneous cellular tissue										1	
29. Tuberculosis of the lymphatic system.....					1						
30. Tuberculosis of the genitourinary system.				1	1						
31. Tuberculosis of other organs					2						
32. Disseminated tuberculosis				1	11		3			1	
33. Leprosy											
34. Syphilis	3	4	4	2	55	1	2		1	4	
35. Gonococcus infection and other venereal diseases	1				2					3	1
36. Purulent infection, septicemia	1				5			1			
37. Yellow fever											
38. Malaria											
39. Other diseases due to protozoal parasites..											
40. Ankylostomiasis											
41. Hydatid cysts											
42. Other diseases caused by helminths											
43. Mycoses					1						
44. Other infectious and parasitic diseases....											
45. Cancer and other malignant tumors of the buccal cavity and pharynx	1	3	2		27		2		2	3	
46. Cancer and other malignant tumors of the digestive tract and peritoneum	26	65	35	30	325	12	20	11	11	41	2
47. Cancer and other malignant tumors of the respiratory system	6	7	5	4	55	1	2	1	4	4	1
48. Cancer and other malignant tumors of the uterus	6	8	4	8	52	1	6	3	3	14	2
49. Cancer and other malignant tumors of other female genital organs	2	4	1	3	29		1	2	2	1	1
50. Cancer and other malignant tumors of the breast	4	17	10	8	53	1	9	3	4	7	
51. Cancer and other malignant tumors of the male genitourinary organs	4	11	5	7	55	1		3	1	13	3
52. Cancer and other malignant tumors of the skin	1	1	1	2	7		1		1	1	
53. Cancer and other malignant tumors of other or unspecified organs	6	13	5	9	53	1	2	3	6	8	3

BUREAU OF VITAL STATISTICS

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INTERNATIONAL LIST, IN THE COUNTIES OF NEW JERSEY AND MUNICIPALITIES
FIGURES INCLUDE PLACES WHICH FOLLOW: 1937—Continued

Hudson County	Bayonne	Cuttenberg	Harrison	Llloboken	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																
1					1																
1																					
4			1		2							2		1							
2					1							3									
4					3							6									
9					6							1									
55	12		1	3	33	3	1	4		5	1	22		16	26				2	5	4
1					1										1				1		
14	1		1	1	8				3	1		2		2	4				2		
4	1				2							2			1						
5					3			1		1					1						
13	1	1	1		6	2			1			2		2	2				1		
346	36	1	9	39	185	23	4	28	12	11		117	3	87	89	5		18	25		
5	1				3				1			4		3	2			1			
1												1		1	1			1			
4					2		1	1				2		1	1		1				
												1		1							
1	1																				
1								1													
4	2			1		1				1											
2				1	1																
13	1		3	1	4				1			2		1	4	1					
40	1			8	23	1	2	2	1			19	1	12	9	1		4	1		1
5	2			1	2					1		2		2							
4					3			1				3		2	3		1				
2			1		1																
45	3		2	4	21	3	1	2	5	1		11		7	10			2	2	1	
448	41	6	12	39	215	34	11	40	14	24	1	131	9	81	137	4	3	24	25	4	8
72	4	1	1	3	41	2		7	5	4		11	1	8	21	1	1	6	7		
110	16	2	2	6	52	10		8	6	7	1	24		14	26	2	1	4	2		3
20	1			1	10	3		2	1			4		3	4			1	2		
89	12		2	5	31	10		14	2	6	1	24	1	15	25	1	2	4	6		
57	6	1		1	31	4	1	5		4	1	19	2	10	30	1	2	3	5	2	1
7	1			1	4				1	2		3		2	4				1		
51	6	1	2	7	43	4		9	3	5	1	18	1	8	22	2		5	5		

DEPARTMENT OF HEALTH

TABLE 20.—DEATHS, ADJUSTED FOR RESIDENCE, FROM EACH CAUSE, DETAILED OF 5,000 OR MORE INHABITANTS IN 1930. COUNTY

	South River	Monmouth County	Asbury Park	Long Branch	Red Bank	Morris County	Dover	Madison	Morristown	Ocean County	Passaic County
1. Typhoid fever		6	2	1						1	
2. Paratyphoid fever											
3. Typhus fever											
4. Relapsing fever											
5. Undulant fever											
6. Smallpox											
7. Measles		4				1					3
8. Scarlet fever		1				1					
9. Whooping cough		2			1						1
10. Diphtheria		1		1							
11. Influenza	1	10	2	5	2	5				8	32
12. Cholera											
13. Dysentery											
14. Plague											
15. Erysipelas		4									5
16. Acute poliomyelitis and acute polioencephalitis		1									1
17. Lethargic or epidemic encephalitis											6
18. Epidemic cerebrospinal meningitis		3	1			1					3
19. Glanders											
20. Anthrax (bacillus anthracis) malignant pustule											
21. Rabies		1				1					
22. Tetanus		1									
23. Tuberculosis of the respiratory system	13	73	10	15	4	39	6	2	7	21	124
24. Tuberculosis of the meninges and central nervous system	1	2		1	1	1				1	2
25. Tuberculosis of the intestines and peritoneum						1					
26. Tuberculosis of the vertebral column						2			1		1
27. Tuberculosis of the bones and joints											
28. Tuberculosis of the skin and subcutaneous cellular tissue											
29. Tuberculosis of the lymphatic system										1	2
30. Tuberculosis of the genitourinary system											4
31. Tuberculosis of other organs											1
32. Disseminated tuberculosis	1	2				2		1			
33. Leprosy											
34. Syphilis		28	3	4	1	12	3	1		5	25
35. Gonococcus infection and other venereal diseases		1	1								2
36. Purulent infection, septicemia		4				2	1				1
37. Yellow fever											
38. Malaria											
39. Other diseases due to protozoal parasites											
40. Ankylostomiasis											
41. Hydatid cysts											
42. Other diseases caused by helminths											
43. Mycoses		2				1					
44. Other infectious and parasitic diseases						1				1	1
45. Cancer and other malignant tumors of the buccal cavity and pharynx	1	6	1			2				2	12
46. Cancer and other malignant tumors of the digestive tract and peritoneum	3	141	16	14	16	72	6	4	13	34	210
47. Cancer and other malignant tumors of the respiratory system		11	2		2	15		2	4	3	33
48. Cancer and other malignant tumors of the uterus	2	29	5	1	6	19	2	1	1	4	23
49. Cancer and other malignant tumors of other female genital organs		8	2			8	2	1		2	11
50. Cancer and other malignant tumors of the breast	3	32		6	4	17	3	1	5	5	40
51. Cancer and other malignant tumors of the male genitourinary organs	2	22	1	5	1	9				6	26
52. Cancer and other malignant tumors of the skin	1	5				1	1			2	7
53. Cancer and other malignant tumors of other or unspecified organs	1	22	2		1	14	4		1	7	23

BUREAU OF VITAL STATISTICS

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INTERNATIONAL LIST, IN THE COUNTIES OF NEW JERSEY AND MUNICIPALITIES
 FIGURES INCLUDE PLACES WHICH FOLLOW: 1937—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
...	...	...	...	...	...	1	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...
...	...	1	2	2	...	3	...	...	...	...	4	1	...	...	1	1	1	...	...	3	...
...	...	1	1	1	...	1	...	...	...	...	2	1	...	...	...	...	...	...	...	1	...
...	...	5	18	8	1	8	1	3	...	...	17	8	...	5	...	1	...	...	1	11	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	4	...	...	...	...	...	1	...	2	4	3	...	...	...	1	...	...	1	...
...	1	1	1	1	...	1	...	...	1	...	4	2	...	1	...	...	...	1	...	...	...
...	1	1	1	...	...	...	...	...	...	1	2	2	1	...	2	...	...	...	1	1	...
...	...	...	...	...	...	...	...	...	...	...	6	2	...	...	...	...	...	...	...	...	...
...	...	...	...	1	1	...	...	...	...	...	...	1	...	1	...	...	...	...	1	...	...
9	3	52	46	21	6	43	7	3	5	11	128	54	8	18	2	3	...	6	11	18	6
...	...	...	1	1	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	1	...
...	...	...	...	1	...	...	...	...	...	...	3	3	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	1	...	...	1	...	2	1	...	...	...	1	...	...	...	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	1	1	2	...	...	...	...	...	...	3	1	1	1	...	...	...	...	...	...	...
...	...	...	1	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	3	14	10	4	6	...	2	3	3	18	9	...	4	...	3	...	...	1	5	2
1	...	1	...	1	...	1	...	...	...	1	1	...	...	...	...	1	...	...	...	1	...
...	...	...	1	1	...	...	...	...	...	...	4	1	...	...	...	1	...	1	...	1	...
...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	10	5	...	2	...	1	1	1	13	8	...	1	...	...	...	1	...	2	1
35	10	31	105	25	5	39	...	7	4	33	183	74	9	26	10	7	5	12	9	30	10
4	2	5	20	3	...	4	...	...	2	2	39	18	2	4	...	2	2	...	2	2	...
2	2	2	12	5	2	9	...	...	6	3	35	10	3	2	5	2	1	1	2	6	3
2	...	1	7	...	...	2	...	...	...	1	8	2	...	1	...	1	...	2	1	3	...
6	...	6	20	1	1	6	1	3	1	11	40	17	...	3	1	1	1	4	2	5	2
3	1	7	11	4	1	11	1	3	...	4	46	19	1	6	...	2	3	4	3	7	2
...	1	2	3	...	...	...	...	...	...	...	3	3	...	...	...	...	...	...	...	1	...
4	1	2	11	9	2	11	2	3	1	1	36	12	1	3	3	1	...	5	3	9	4

TABLE 20.—DEATHS, ADJUSTED FOR RESIDENCE, FROM EACH CAUSE, DETAILED OF 5,000 OR MORE INHABITANTS IN 1930. COUNTY

	State Total	Atlantic County	Atlantic City	Hammondon	Pleasantville	Bergen County	Bergenfield	Cliffside Park	Englewood	Fairview	Fort Lee	Garfield	Hackensack
54. Nonmalignant tumors	184	7	4	.....	.....	22	.....	2	1	.....	1	3	.....
55. Tumors of which the nature is not specified	64	1	.....	.....	1	6	.....	.....	1	.....	.....	.....	1
56. Acute rheumatic fever	110	3	2	.....	.....	12	.....	.....	.....	.....	.....	1	.....
57. Chronic rheumatism, osteoarthritis	49	4	2	.....	1	7	.....	1	1	.....	.....	.....	.....
58. Gout	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59. Diabetes mellitus	1341	43	24	2	4	127	2	7	7	4	4	10	7
60. Scurvy .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61. Beriberi	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62. Pellagra	9	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
63. Rickets	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64. Osteomalacia	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65. Diseases of the pituitary body	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66. Diseases of the thyroid and parathyroid glands	139	2	.....	.....	.....	12	1	.....	.....	.....	.....	1	.....
67. Diseases of the thymus gland	43	.....	.....	.....	.....	6	.....	.....	.....	.....	.....	1	1
68. Diseases of the adrenals	11	1	1	.....	.....	6	.....	.....	.....	.....	.....	.....	.....
69. Other general diseases	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70. Hemorrhagic conditions	18	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	1	.....
71. Anemias	82	5	1	.....	1	9	.....	.....	.....	.....	1	.....	2
72. Leukemias and pseudoleukemias	214	6	3	.....	.....	24	1	.....	.....	1	1	2	3
73. Diseases of the spleen	19	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....
74. Other diseases of the blood and blood-making organs	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
75. Alcoholism	89	4	3	.....	.....	2	.....	1	.....	.....	.....	.....	.....
76. Chronic poisoning by other organic substances	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
77. Chronic poisoning by mineral substances	3	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....
78. Encephalitis	46	1	1	.....	.....	5	.....	.....	1	.....	.....	2	.....
79. Meningitis	71	.....	.....	.....	.....	6	.....	.....	.....	1	.....	.....	1
80. Progressive locomotor ataxia	28	3	3	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
81. Other diseases of the spinal cord	99	5	2	1	1	5	.....	.....	.....	.....	.....	.....	.....
82. Cerebral hemorrhage, cerebral embolism and thrombosis	3372	141	83	6	9	269	7	8	17	.....	3	12	27
83. General paralysis of the insane	128	6	5	.....	.....	5	.....	.....	.....	.....	.....	1	.....
84. Dementia praecox and other psychoses	48	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	1
85. Epilepsy	74	4	4	.....	.....	7	.....	1	1	.....	1	.....	1
86. Convulsions (under 5 years of age)	14	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
87. Other diseases of the nervous system	146	4	3	.....	.....	8	.....	1	2	.....	.....	.....	1
88. Diseases of the organs of vision	3	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
89. Diseases of the ear and of the mastoid process	89	2	1	.....	.....	8	.....	.....	1	.....	.....	1	.....
90. Pericarditis	17	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....
91. Acute endocarditis	108	4	3	1	.....	8	.....	2	1	.....	.....	.....	.....
92. Chronic endocarditis, valvular diseases	1520	52	35	2	3	130	2	4	3	4	2	4	9
93. Diseases of the myocardium	6389	198	105	17	11	495	21	24	24	9	14	26	41
94. Diseases of the coronary arteries and angina pectoris	2621	130	84	3	6	270	5	14	19	5	4	12	17
95. Other diseases of the heart	3699	138	94	2	13	184	4	7	15	3	6	13	11
96. Aneurysm	71	3	2	.....	1	9	.....	.....	.....	.....	1	1	.....
97. Arterio sclerosis	644	27	17	.....	2	51	2	.....	3	.....	2	2	6
98. Gangrene	20	1	1	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
99. Other diseases of the arteries	77	6	5	.....	.....	4	.....	.....	.....	.....	.....	.....	1
100. Diseases of the veins	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
101. Diseases of the lymphatic system	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
102. Idiopathic anomalies of the blood-pressure	53	1	1	.....	.....	4	1	.....	.....	.....	.....	.....	1
103. Other diseases of the circulatory system	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
104. Diseases of the nasal fossae and annexae	29	1	1	.....	.....	1	.....	1	.....	.....	.....	.....	.....
105. Diseases of the larynx	12	2	1	.....	.....	2	.....	.....	.....	.....	.....	.....	1
106. Bronchitis	127	5	2	.....	2	10	.....	.....	.....	.....	.....	.....	.....
107. Broncho pneumonia	1140	40	25	.....	4	87	.....	3	1	1	3	2	10
108. Lobar pneumonia	1686	65	44	3	5	136	3	5	9	1	6	8	12

[illegible]

TABLE 20.—DEATHS, ADJUSTED FOR RESIDENCE, FROM EACH CAUSE, DETAILED OF 5,000 OR MORE INHABITANTS IN 1930. COUNTY

	Bloomfield	East Orange	Irvington	Montclair	Newark	Nutley	Orange	South Orange	West Orange	Gloucester County	Woodbury
54. Nonmalignant tumors	1	4	4	4	17	3	1	1	1	2	...
55. Tumors of which the nature is not specified	2	1	...	2	10	...	...	1	...	1	...
56. Acute rheumatic fever	2	3	1	...	16	...	3	...	...	...	...
57. Chronic rheumatism, osteoarthritis	...	...	1	1	5	...	...	...	...	1	...
58. Gout	...	...	...	...	1	...	...	...	...	...	...
59. Diabetes mellitus	11	24	16	15	148	5	12	2	6	20	3
60. Scurvy	...	...	...	...	...	...	...	...	...	...	...
61. Beriberi	...	...	...	...	...	...	...	...	...	...	...
62. Pellagra	...	...	...	...	1	...	...	...	...	...	...
63. Rickets	...	...	...	...	1	...	...	...	...	...	...
64. Osteomalacia	...	...	...	...	...	...	...	...	...	...	...
65. Diseases of the pituitary body	...	...	...	...	1	...	...	...	...	...	...
66. Diseases of the thyroid and parathyroid glands	1	4	2	3	11	1	...	2	...	2	...
67. Diseases of the thymus gland	1	...	1	...	5	...	...	...	...	4	1
68. Diseases of the adrenals	...	...	...	...	2	...	...	...	...	...	...
69. Other general diseases	...	1	...	...	1	...	...	...	...	...	...
70. Hemorrhagic conditions	...	...	...	...	2	...	...	...	...	1	...
71. Anemias	...	3	...	...	9	...	...	...	...	1	...
72. Leukemias and pseudoleukemias	1	5	2	5	21	1	4	1	4	4	1
73. Diseases of the spleen	...	...	...	2	1	...	...	...	...	...	...
74. Other diseases of the blood and blood-making organs	1	...	...	...	2	...	...	...	...	...	...
75. Alcoholism	1	2	...	1	10	...	...	...	1	2	1
76. Chronic poisoning by other organic substances	...	...	...	...	...	...	...	...	...	...	...
77. Chronic poisoning by mineral substances	...	...	...	...	...	...	...	...	1	...	...
78. Encephalitis	...	...	1	2	2	1	1	...	2	...	...
79. Meningitis	...	2	1	...	9	...	2	...	...	...	...
80. Progressive locomotor ataxia	...	...	...	1	...	...	...	...	...	1	...
81. Other diseases of the spinal cord	...	3	...	2	12	...	...	...	3	2	1
82. Cerebral hemorrhage, cerebral embolism and thrombosis	31	70	26	36	302	6	37	15	28	82	8
83. General paralysis of the insane	...	2	2	2	16	...	...	...	...	3	...
84. Dementia praecox and other psychoses	2	1	...	...	10	...	1	...	...	...	...
85. Epilepsy	...	1	...	1	5	2	...	...	...	2	1
86. Convulsions (under 5 years of age)	...	...	...	1	2	...	...	...	...	...	...
87. Other diseases of the nervous system	3	2	2	2	15	...	2	...	1	2	...
88. Diseases of the organs of vision	...	...	...	...	...	...	...	...	...	...	...
89. Diseases of the ear and of the mastoid process	1	2	2	...	12	...	...	...	...	3	...
90. Pericarditis	...	...	...	2	...	...	...	...	...	...	...
91. Acute endocarditis	1	4	...	1	15	1	2	1	...	...	...
92. Chronic endocarditis, valvular diseases	13	17	18	14	120	5	10	5	12	35	3
93. Diseases of the myocardium	47	121	87	62	687	26	62	22	39	106	16
94. Diseases of the coronary arteries and angina pectoris	26	55	37	29	274	11	27	11	4	52	6
95. Other diseases of the heart	21	36	34	22	436	7	14	7	7	41	4
96. Aneurysm	...	3	2	...	12	1	...	...	...	...	...
97. Arterio sclerosis	4	7	8	9	65	2	2	3	2	11	...
98. Gangrene	...	...	...	...	2	...	...	...	...	...	...
99. Other diseases of the arteries	1	...	...	2	9	...	...	...	1	1	...
100. Diseases of the veins	1	...	...	...	3	...	...	2	1	1	...
101. Diseases of the lymphatic system	...	...	...	2	2	...	...	...	...	...	...
102. Idiopathic anomalies of the blood-pressure	2	2	...	5	6	...	1	1	...	...	...
103. Other diseases of the circulatory system	...	2	...	...	1	...	...	...	...	...	...
104. Diseases of the nasal fossae and annexae	...	...	...	...	3	...	...	...	...	...	...
105. Diseases of the larynx	...	1	1	1	...	...	...	1	...	...	...
106. Bronchitis	1	3	2	2	9	2	3	1	1	1	...
107. Broncho pneumonia	4	12	8	16	132	3	7	4	3	20	3
108. Lobar pneumonia	10	28	11	28	217	7	15	5	6	24	2

BUREAU OF VITAL STATISTICS

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INTERNATIONAL LIST, IN THE COUNTIES OF NEW JERSEY AND MUNICIPALITIES
 FIGURES INCLUDE PLACES WHICH FOLLOW: 1937—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	Careriet	Highland Park	New Brunswick	Perth Amboy	Sayreville	South Amboy
33	3	...	...	2	15	3	...	3	2	1	...	6	...	5	6	1	1	4	...	...	...
11	5	...	...	2	2	...	...	...	1	3	1	2	1	1	3	5	...	...	1	...	...
18	3	...	1	2	7	2	...	1	1	1	...	6	3	1	2	1	...	...	1	...	1
9	...	...	...	5	5	3	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
222	22	1	4	24	95	11	1	21	17	15	1	74	2	47	74	3	4	20	6	4	6
1	...	...	...	1	1	...	...	...	...	1	1	...	...	...	1	...	1	...	...	...	...
2	...	...	...	1	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
18	1	...	...	1	10	1	...	3	1	1	...	8	1	6	6	...	...	1	1	1	1
2	...	...	...	1	1	1	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...
4	...	...	...	1	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	1	...	...	3	5	1	...	2	...	2	1	1	...	2	3	...	...	1	1	...	...
42	7	1	1	5	11	5	...	7	3	2	1	7	2	2	11	...	...	2	7	...	...
3	1	...	...	2	2	...	...	...	...	1	...	1	...	...	1	...	...	1	...	...	...
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
19	...	...	1	3	12	...	...	1	2	1	1	3	...	3	5	...	...	2	1	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	1	...	...	1	5	1	...	1	1	...	...	3	...	2	2	...	...	...	1	...	...
13	1	...	...	...	9	...	1	...	1	1	...	6	1	2	5	...	...	2	...	...	...
6	...	...	...	2	2	...	...	2	...	...	...	...	...	...	1	...	...	...	...	...	...
11	...	...	...	1	6	2	...	...	...	1	1	4	...	3	10	...	...	2	5	1	...
508	63	4	10	51	241	25	3	44	30	49	9	180	5	110	143	5	8	19	34	6	4
31	1	...	1	3	18	1	...	2	2	2	1	6	1	2	4	...	...	2	1	...	...
13	2	...	...	1	8	...	...	1	1	1	...	...	...	...	1	...	...	...	...	...	...
4	...	...	...	2	1	...	...	...	...	...	...	5	...	3	2	...	1	1	...	...	...
2	1	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...
31	3	...	2	1	16	2	...	1	...	2	1	5	...	5	8	...	...	...	1	...	...
1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	1	...	...	1	5	...	...	...	...	...	...	2	1	1	3	...	1	...	...	...	...
11	...	...	1	...	3	2	...	2	2	...	...	4	...	2	2	...	...	...	3	...	...
186	15	3	5	20	92	15	...	12	8	31	3	49	2	34	51	1	...	7	4	2	4
1243	100	7	22	134	591	58	9	137	69	76	9	334	17	213	308	4	16	61	53	18	9
258	44	2	6	20	104	21	6	21	12	33	2	150	9	106	81	2	3	14	22	2	1
675	54	11	9	69	395	23	3	51	20	32	4	70	1	41	120	3	5	34	17	4	4
6	...	...	...	1	1	...	...	1	2	...	...	2	...	2	5	1	1	1	2	...	...
86	6	...	1	8	46	6	2	7	3	14	3	39	2	25	26	1	...	7	6	...	5
1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	3	...	...	...	1	...	1
13	2	...	...	1	5	1	...	2	...	1	...	2	...	1	3	...	1	1	...	1	1
4	...	...	...	2	...	...	...	1	...	...	...	1	...	1	1	...	...	1	...	...	...
1	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	1	...	...	3	4	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...
5	1	...	1	...	1	...	...	2	...	...	...	1	...	...	...	...	...	...	...	...	...
11	...	...	1	2	6	2	...	...	...	3	...	11	1	7	5	...	...	2	1	...	...
216	23	2	1	17	115	9	3	17	14	17	1	66	1	46	46	3	...	6	8	...	3
277	32	1	6	38	126	11	...	23	17	31	4	88	6	55	90	5	1	24	18	4	3

DEPARTMENT OF HEALTH

TABLE 20.—DEATHS, ADJUSTED FOR RESIDENCE, FROM EACH CAUSE, DETAILED OF 5,000 OR MORE INHABITANTS IN 1930. COUNTY

	South River	Monmouth County	Asbury Park	Long Branch	Red Bank	Morris County	Dover	Madison	Morristown	Ocean County	Passaic County
54. Nonmalignant tumors .....	.....	8	1	.....	.....	4	.....	.....	1	2	6
55. Tumors of which the nature is not specified .....	.....	1	.....	1	.....	1	.....	.....	.....	1	2
56. Acute rheumatic fever .....	.....	1	.....	.....	.....	3	.....	.....	.....	1	12
57. Chronic rheumatism, osteoarthritis	1	2	.....	.....	.....	2	.....	.....	1	.....	6
58. Gout .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59. Diabetes mellitus	2	58	1	10	6	31	2	4	5	15	97
60. Scurvy .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61. Beriberi .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62. Pellagra .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
63. Rickets .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64. Osteomalacia .....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
65. Diseases of the pituitary body .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66. Diseases of the thyroid and parathyroid glands .....	.....	7	.....	1	1	6	1	1	2	.....	12
67. Diseases of the thymus gland .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
68. Diseases of the adrenals .....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
69. Other general diseases .....	.....	.....	.....	.....	.....	2	.....	2	.....	.....	.....
70. Hemorrhagic conditions .....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3
71. Anemias .....	.....	4	.....	1	.....	2	.....	.....	.....	.....	7
72. Leukemias and pseudoleukemias .....	.....	11	.....	.....	1	9	1	.....	2	4	13
73. Diseases of the spleen .....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
74. Other diseases of the blood and blood-making organs .....	.....	1	.....	.....	.....	3	.....	.....	2	.....	6
75. Alcoholism .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
76. Chronic poisoning by other organic substances .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
77. Chronic poisoning by mineral substances .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
78. Encephalitis .....	.....	4	1	.....	1	1	1	.....	.....	1	3
79. Meningitis .....	.....	3	1	.....	.....	2	.....	2	.....	2	3
80. Progressive locomotor ataxia .....	.....	8	.....	1	.....	1	.....	.....	1	.....	4
81. Other diseases of the spinal cord .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
82. Cerebral hemorrhage, cerebral embolism and thrombosis	4	178	15	25	6	105	9	7	19	33	245
83. General paralysis of the insane .....	.....	5	1	.....	1	3	.....	.....	.....	.....	8
84. Dementia praecox and other psychoses .....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	6
85. Epilepsy .....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	3
86. Convulsions (under 5 years of age)	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
87. Other diseases of the nervous system	1	10	.....	2	1	5	.....	.....	2	.....	12
88. Diseases of the organs of vision .....	.....	.....	.....	.....	1	4	1	.....	.....	.....	8
89. Diseases of the ear and of the mastoid process .....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
90. Pericarditis .....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	3
91. Acute endocarditis .....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
92. Chronic endocarditis, valvular diseases	3	85	6	17	11	59	7	8	4	30	114
93. Diseases of the myocardium	9	216	21	16	15	191	11	15	23	78	842
94. Diseases of the coronary arteries and angina pectoris	1	151	16	29	8	87	4	7	12	44	171
95. Other diseases of the heart	5	243	25	13	9	49	4	3	8	21	245
96. Aneurysm .....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....
97. Arterio sclerosis	1	29	1	5	4	30	.....	1	8	11	50
98. Gangrene .....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....
99. Other diseases of the arteries .....	.....	3	.....	.....	.....	3	.....	.....	.....	.....	9
100. Diseases of the veins .....	.....	.....	.....	.....	.....	2	.....	1	.....	.....	.....
101. Diseases of the lymphatic system .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
102. Idiopathic anomalies of the blood-pressure .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
103. Other diseases of the circulatory system .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
104. Diseases of the nasal fossae and annexae .....	.....	2	1	.....	.....	2	1	.....	.....	.....	.....
105. Diseases of the larynx .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
106. Bronchitis .....	.....	5	.....	.....	.....	3	.....	.....	1	1	11
107. Broncho pneumonia	1	43	8	1	3	28	2	3	4	24	75
108. Lobar pneumonia	4	78	11	6	9	48	2	4	8	10	128

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INTERNATIONAL LIST, IN THE COUNTIES OF NEW JERSEY AND MUNICIPALITIES
 FIGURES INCLUDE PLACES WHICH FOLLOW: 1937—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
1		1	3			3		1	1	1	16	6	1	2					2	5	
			2	1		2				2	4			1				1	1		
2		3	3			1				1	10	5		1				1	2		
1			3								3	1		1							
14	7	21	42	13	5	20	2	3	3	10	85	38	4	10	3	1	3	5	5	9	2
			1																		
											2	1		1						1	1
4			6	3	1	4		2		1	9	3	1	2					1	1	1
	1	1	1	2		3					3	1	1					1	1	1	
						1					1			1							
		2				1															
1		1	3			2					9	6		1							
4		1	6	1		2	1			1	14	4		3	1		1	1		2	1
																				1	1
	1	1	3	1	1	2		1		2	1	5		2							
						1		1													
1		2	1	1		1					4	4									
		2	1	1		1					7	3	1								
		1	3			1	1			1	3	1		1				1	1	1	
						1					6	2		1					1	2	
31	9	55	144	42	10	69	7	10	11	23	242	103	13	38	10	12	5	12	9	63	20
1		2	4	3	1	2			2	1	8	4	1	1		1					
		2				2		1			2		1						1		
		2	2			3		2		1	6	2		2					1	3	
											1									2	
1	2	1	5	3	1	1		1		1	12	6		4	1						
2		3	3	1		1	1			1	8	5	1	1					1		
											3			2				1			
2		2	6	2	1	2	1		1	1	9	3		1			1			3	3
10	6	25	59	18	4	32	4	3	7	8	79	23	5	14	7	3	2	6	4	37	17
39	8	46	190	64	18	83	7	17	21	65	354	132	13	44	11	10	9	26	29	89	20
20	8	42	78	20	4	48	1	6	12	34	213	89	5	35	14	9	4	14	12	32	10
26	12	35	145	28	4	60	9	1	4	6	212	102	11	24	13	6	13	4	4	54	20
		2		1							8	3	1				1	1			
5	2	5	31	8		11	1	2	3	6	53	20	1	11	2	2	2	3	2	11	2
						1					2				2						
		1	6	1		1					6	1		2				1	1	5	1
						1			1		3	1						1	1		
						1					2	1							1		
	1		2								12	7	1			1	1			1	1
						1				2	1								1		
	1					1				1											
	1	2	6	1		1				5	7	1			2			1		3	1
10	1	16	41	23	3	19		4	3	17	76	35	8	9	1	3		1	1	25	8
12	4	15	77	10	2	25	2	2	2	13	108	41	6	13	7	5	1	8	6	12	5

DEPARTMENT OF HEALTH

TABLE 20.—DEATHS, ADJUSTED FOR RESIDENCE, FROM EACH CAUSE, DETAILED OF 5,000 OR MORE INHABITANTS IN 1930. COUNTY

	State Total	Atlantic County	Atlantic City	Hammononton	Pleasantville	Bergen County	Bergenfield	Cliffside Park	Englewood	Fairview	Fort Lee	Garfield	Hackensack
109. Pneumonia, unspecified	116	6	2			7			1	1			1
110. Pleurisy	84	3	2		1	9						2	
111. Congestion, edema, embolism, hemorrhagic infarct, and thrombosis of the lungs...	45	2	2										
112. Asthma	50	1			1	5			2				1
113. Pulmonary emphysema	2												
114. Other diseases of the respiratory system...	64					6							
115. Diseases of the buccal cavity and annexa and of the pharynx and tonsils	165	5	1			22		2	3	1			2
116. Diseases of the esophagus	8												
117. Ulcer of the stomach and duodenum	330	11	6		2	25		2	1			3	4
118. Other diseases of the stomach	47	2	2			3							
119. Diarrhea and enteritis (under 2 years of age)	138	3		2		6	1	1					
120. Diarrhea and enteritis (2 years and over)	88	3	2	1		6	1						1
121. Appendicitis	522	16	9		3	59	1	1	2	2		6	1
122. Hernia, intestinal obstruction	397	16	11	1	1	38	1	1	1		1	3	
123. Other diseases of the intestines	75	1	1			6		1	1				1
124. Cirrhosis of the liver	440	15	8		2	39	1	4	2	3	1	3	1
125. Other diseases of the liver	38	2	1			1							
126. Biliary calculi	153	5	4		1	20				1	1	1	1
127. Other diseases of the gall-bladder and biliary passages	126	4	4			13						1	1
128. Diseases of the pancreas	24	2	2			2					1		
129. Peritonitis, cause not specified	34	2		1		2							
130. Acute nephritis (including unspecified under 10 years of age)	91	6	6			6							
131. Chronic nephritis	2849	92	47	2	13	221	3	8	8	6	7	11	15
132. Nephritis, unspecified (10 years and over)	129	4	3		1	8				1			
133. Other diseases of the kidneys and ureters (puerperal diseases excepted)	164	2	2			5		1					
134. Calculi of the urinary passages	60	4	3		1	6							1
135. Diseases of the bladder	22					1							
136. Diseases of the urethra, urinary abscess, etc.	8					1							
137. Diseases of the prostate	255	6	4	1		11				1		1	
138. Diseases of the male genital organs, not specified as venereal	10	2	1			2				1			
139. Diseases of the female genital organs, not specified as venereal	112	4	3			7	1	2		1			
140. Abortion with septic conditions	36	2	2			1							
141. Abortion without mention of septic conditions	7												
142. Ectopic gestation	8												
143. Other accidents of pregnancy	1												
144. Puerperal hemorrhage	26					1							
145. Puerperal septicemia	37					7	2		1			1	1
146. Puerperal albuminuria and eclampsia	21	1	1			1							
147. Other toxemias of pregnancy	7	1	1			1						1	
148. Puerperal phlegmasia alba dolens, embolus, sudden death	12					2			1				
149. Other accidents of childbirth	26												
150. Other and unspecified conditions of the puerperal state	1												
151. Furuncle, carbuncle	16	1	1			2		1				1	
152. Phlegmon, acute abscess	22					1							
153. Other diseases of the skin and annexa, and of the cellular tissue	15	2	1			2							
154. Osteomyelitis	26					3							1
155. Other diseases of the bones (tuberculosis excepted)	8												
156. Diseases of the joints and other organs of locomotion	12	2	1			1			1				
157. Congenital malformations	313	4	2	1		41	1	2	2			3	4

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INTERNATIONAL LIST, IN THE COUNTIES OF NEW JERSEY AND MUNICIPALITIES
 FIGURES INCLUDE PLACES WHICH FOLLOW: 1937—Continued

Lodi	North Arlington	Ridgefield Park	Ridgewood	Rutherford	Wallington	Burlington County	Bordertown	Burlington City	Camden County	Audubon	Camden City	Collingswood	Gloucester City	Haddonfield	Cape May County	Cumberland County	Bridgeton	Millville	Vineland	Essex County	Belleville
1	1			1		7		1	12		8		3	1	4	1			1	19	1
									6		4					3	2	1		22	1
	1					1			2		1	1	1			1	1			13	
									1		1									10	
1		1		1					1		1					1				17	
		2		1	1	7		2	8		5				1	1		1		28	1
				1	1	4			18	1	5			2	1	4	1	1		79	2
						2			3		1				2	1			1	5	
						15		2	13		6		2			4		2	1	37	1
1						3			3		1				2	4		1	1	17	2
4	1	1	2	3	3	6	1		35	2	14	4	3		4	10		3	2	149	3
1	1	1	1	1	1	12		1	18		10	1			2	7	3	2		82	1
1			1			2			2		2				1	1				24	1
		3	2	2		6		1	31	2	15	1	3	1	4	4	3			94	2
						1		1	4		2	1				4		2		8	1
			1	1		1			3	1	1				2	2		1	1	31	
		1	3	1		2			14	1	6		1	1	3	2				26	
									2		1					1				4	
						2			3		2									8	
						1			9		4				3	5	1	3		12	1
11	3	4	16	15	1	114	8	15	317	8	130	18	17	19	36	66	14	6	7	540	19
	1			1		3			17		10			1	3	11	1	2	2	17	
				1		2			6		1		1			1	1			18	
	2		1	1		1			6		3					1				7	
		1							2	1										8	
	2			1		10	1	1	14		8		1	1		5	1			54	
																				1	
			1						11		4	1		3	1	2		1	1	21	
									2		1									8	
									1		1									1	1
									2		1									6	
									1		1		1							9	
									2						1					2	2
															1						
1						2		1	3		2				1	1				3	
									1		1									5	
									2		1									4	1
						1														2	
									3		1	1								2	
						1														3	
																				4	
1				1		1			25		11	2		1	3	13	1	5	1	55	1

DEPARTMENT OF HEALTH

TABLE 20.—DEATHS, ADJUSTED FOR RESIDENCE, FROM EACH CAUSE, DETAILED OF 5,000 OR MORE INHABITANTS IN 1930. COUNTY

	Bloomfield	East Orange	Irvington	Montclair	Newark	Nutley	Orange	South Orange	West Orange	Gloucester County	Woodbury
109. Pneumonia, unspecified	1	1	2	2	13						
110. Pleurisy	1	2	2		13		1	1	1	1	
111. Congestion, edema, embolism, hemorrhagic infarct, and thrombosis of the lungs...		1	1		10			1		3	
112. Asthma		1		1	6					1	
113. Pulmonary emphysema											
114. Other diseases of the respiratory system..			1	1	14		1				
115. Diseases of the buccal cavity and annexe and of the pharynx and tonsils.....		2	3	2	12		2	1	2		
116. Diseases of the esophagus					2					1	
117. Ulcer of the stomach and duodenum.....	1	2	11	5	44	2	3	3	2	2	
118. Other diseases of the stomach	1	1			3					1	
119. Diarrhea and enteritis (under 2 years of age)	2	1		1	30			1	1	3	
120. Diarrhea and enteritis (2 years and over) ..	1	1	1	2	7		1		2	4	
121. Appendicitis	9	8	7	9	82	6	8	3	2	3	
122. Hernia, intestinal obstruction	4	8	6	4	40	2	4	2	2	8	2
123. Other diseases of the intestines	2	1	2	3	9	1	1	1		2	1
124. Cirrhosis of the liver	4	8	10	6	47		3	1	3	6	1
125. Other diseases of the liver		1	1		4		1				
126. Biliary calculi	3	2	2	1	19	2				3	2
127. Other diseases of the gall-bladder and biliary passages	2	3		1	19					1	
128. Diseases of the pancreas					3						
129. Peritonitis, cause not specified					5					1	
130. Acute nephritis (including unspecified under 10 years of age)	2			1	6				1		
131. Chronic nephritis	34	29	35	28	232	12	30	5	18	89	12
132. Nephritis, unspecified (10 years and over) ..	1	1	1		13					4	
133. Other diseases of the kidneys and ureters (puerperal diseases excepted)	1	3	1	1	10	1					
134. Calculi of the urinary passages			1	1	5						
135. Diseases of the bladder					7					1	
136. Diseases of the urethra, urinary abscess, etc.					2						
137. Diseases of the prostate	4	2	2	4	37	3		1		5	1
138. Diseases of the male genital organs, not specified as venereal	1										
139. Diseases of the female genital organs, not specified as venereal	1	1		3	13				1	1	
140. Abortion with septic conditions		1	1		6					3	
141. Abortion without mention of septic conditions										1	
142. Ectopic gestation				1							
143. Other accidents of pregnancy											
144. Puerperal hemorrhage		1			4			1		1	
145. Puerperal septicemia		1	1		7	1					
146. Puerperal albuminuria and eclampsia											
147. Other toxemias of pregnancy											
148. Puerperal phlegmasia alba dolens, embolus, sudden death	1				2					1	
149. Other accidents of childbirth	1	1		1	3		1			1	
150. Other and unspecified conditions of the puerperal state											
151. Furuncle, carbuncle		2			3						
152. Phlegmon, acute abscess			1		1				1		
153. Other diseases of the skin and annexe, and of the cellular tissue		1			1						
154. Osteomyelitis		1	1		5				1		
155. Other diseases of the bones (tuberculosis excepted)					2			1			
156. Diseases of the joints and other organs of locomotion		2			2						
157. Congenital malformations	1	5	3	5	32		2		3	4	

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 FIGURES INCLUDE PLACES WHICH FOLLOW: 1937—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
10	1				2	3	2		1	1	2		2		10			6		1	
11					1	3	1		2	2		6		5	4	1			2		
5					3	2									3			1			
6		1			3	1		1				7		3	4						1
12	3				2	2	2		2			3		2	2				1		
29	5				3	13	2		2	1	2	2		2	8	1		1	5		
3					1	1	1		1						1			1			
69	2				8	31	5		2	4	1			5	17			4	2		1
7	1				1	4	1					2	1	1	2		1	1			
17	1				11	2	1		1	2		7		6	8	2		1	2		
18	2				1	10	1					5		5	3	1					
83	15	1			11	34	9	2	2	5	7	1	19	12	20			3	8		1
61	6	3			10	19	2		12	4	5	1	11	5	24		2	4	3		
12	3				3	1	1		2	1		3		3	1						
85	12	2			10	29	5	2	13	4	5		17	14	17	1	1	4	3		
7					5				1	1		2		2	2						
25	3	1			13	3		2	1			7		5	7				1		1
15	3				5	1		1	1			5		4	6			3	1		
3					1					1		2		1	2						
8					3	5						1		1	3				1		1
10	1	1			3				3			5		2	7			2	3		1
335	31	2			11	20	182	25	3	26	12	18	1	126	4	84	119	6	2	27	30
14	3				3				1	1		3		2	10			1		1	
17	2				10				2	1	1	9		6	7			1	1		
13	1				8	1			2	1	1	1		1	1			1			
2					1	1				2					3			1			
3					1	1			1												
37	7	1			14	3		4	3	4	1	14		9	14			2	2		
2					1				1			1			1				1		
24	2				10	1	1	4	1	1		2		1	3				1		1
6	2				3	1				1		4		4	1						
1					1										1						
2	1								1			1		1	1				1		
1					1																
3					1				2			5		3							
2					1				1			7	1	4	3	2		1			
4	2							2	2			2		1	1			1			
2					2										1						
2	1				1							4		2	1						
2					2										1						
5					4					1		1		1	2	1		1			
2					1	1						1		1					1		
4					1	1		1						2							4
1					1																
1									1												
48	6				1	5	24	1	1	3	1	1	13	1	9	19		1	5	2	2

TABLE 20.—DEATHS, ADJUSTED FOR RESIDENCE, FROM EACH CAUSE, DETAILED OF 5,000 OR MORE INHABITANTS IN 1930. COUNTY

	South River	Monmouth County	Asbury Park	Long Branch	Red Bank	Morris County	Dover	Madison	Morristown	Ocean County	Passaic County
109. Pneumonia, unspecified	1	7		1		5			1		3
110. Pleurisy		4			1						7
111. Congestion, edema, embolism, hemorrhagic infarct, and thrombosis of the lungs...		3				2			1	2	1
112. Asthma	1					3					6
113. Pulmonary emphysema						2			1	1	8
114. Other diseases of the respiratory system...		2				2			1	1	
115. Diseases of the buccal cavity and annexe and of the pharynx and tonsils	1	6	1	2		5		1	1	2	14
116. Diseases of the esophagus											
117. Ulcer of the stomach and duodenum		13	1	2	2	5	2		2		34
118. Other diseases of the stomach		6	2	1	1	1				1	3
119. Diarrhea and enteritis (under 2 years of age)		5				2					6
120. Diarrhea and enteritis (2 years and over)		1				1			1	2	4
121. Appendicitis		7				10	2		1	3	39
122. Hernia, intestinal obstruction	3	2	2	6	1	11	2			4	25
123. Other diseases of the intestines		4	1			1				1	8
124. Cirrhosis of the liver	3	14		3	1	9	1		2	6	40
125. Other diseases of the liver						1					1
126. Biliary calculi		6	1		1	6		2		1	13
127. Other diseases of the gall-bladder and biliary passages		7	3	1		4	1	1		2	8
128. Diseases of the pancreas						1					1
129. Peritonitis, cause not specified										1	1
130. Acute nephritis (including unspecified under 10 years of age)		3	1	1		3	1		1	2	5
131. Chronic nephritis	4	131	18	23	18	118	26	5	14	39	185
132. Nephritis, unspecified (10 years and over)		6	1			2	1		1	1	7
133. Other diseases of the kidneys and ureters (puerperal diseases excepted)		4			1	3				1	13
134. Calculi of the urinary passages		6	1							2	5
135. Diseases of the bladder	1	1									1
136. Diseases of the urethra, urinary abscess, etc.											
137. Diseases of the prostate	2	10	1	1	1	9		2		4	23
138. Diseases of the male genital organs, not specified as venereal											1
139. Diseases of the female genital organs, not specified as venereal		4	1	1		4				3	4
140. Abortion with septic conditions						1					1
141. Abortion without mention of septic conditions		1		1							1
142. Ectopic gestation						1	1				1
143. Other accidents of pregnancy											
144. Puerperal hemorrhage						2				1	3
145. Puerperal septicemia						1					2
146. Puerperal albuminuria and eclampsia											2
147. Other toxemias of pregnancy											1
148. Puerperal phlegmasia alba dolens, embolus, sudden death						2					
149. Other accidents of childbirth											2
150. Other and unspecified conditions of the puerperal state											
151. Furuncle, carbuncle										1	1
152. Phlegmon, acute abscess						1					1
153. Other diseases of the skin and annexe, and of the cellular tissue		1									1
154. Osteomyelitis		2									1
155. Other diseases of the bones (tuberculosis excepted)		1									1
156. Diseases of the joints and other organs of locomotion						1		1			2
157. Congenital malformations		10	1	3		12	3		3		13

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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
1	1	1	1	2	1	1			1	4	13	10	1			1				1	
	1	1	4	1	1					1	7	5					1	1			
			1	1		2			1		2						1			2	
			6	1							5	2		2							
											2	1									
2		1	4	1	1					1	6	2	1	1						1	
		1	9	4	3	4	2		2	1	14	7	1					1	1	2	1
3		5	22	4	1	7	1	1		3	1	13	1					3		3	2
1			1	1							2	1		1						3	
		2	3	3	1	4				1										2	1
1			1			3			1	1	4	2		1						3	
7		10	17	3	1	5	1	1		1	33	8	1		3	3	3	1	2	7	3
4	1	2	11	3		8	2	1		4	29	11	1	4	1		2	2	1	9	
4			4								7	3		1			1	1	1		
3	1	10	21	3		9	1	1	2	2	25	14	1	1	1				2	9	4
											6	2					1	1		1	
3		4	4			2			1	1	17	8	1	2	1		1			1	
			5			1			1		12	4	1	1		1	1			1	
1			1								2			2						1	
1											2	2									
		2	2	1		1					10	2	1		1	1	1	1	1	2	1
23	13	33	94	44	15	37	3	8	13	16	147	43	5	30	10	5	1	16	9	39	10
2		1	3			7				1	8	2		1	1		1		1	2	1
		2	10			1				2	11	7	1	1						1	
		1	3			1	1				5	2	1						1		
			1			1			1												
1																					
2	2	4	11	3	1	6		1	1	1	19	7	1	3		1			2	6	
			1																		
1		1	2			4		2	2		10	4	1	2						6	1
			1								5	1	2	1					1	1	
	1																			1	1
1																					
2			1																	1	
1						1			1	1	2				1				1	1	1
		1	1			2	1		1	2	1	1									
											2				2						
1			1	1							1	1									
											1	1									
			1			1					2	2									
1				1							2	1	1								
			1								1				1						
		1	1																		
3		3	7	7	2	4		1	1	2	22	7	2	3	2	2	1	1	2	6	3

TABLE 20.—DEATHS, ADJUSTED FOR RESIDENCE, FROM EACH CAUSE, DETAILED OF 5,000 OR MORE INHABITANTS IN 1930. COUNTY

	State Total	Atlantic County	Atlantic City	Hammon	Pleasantville	Bergen County	Bergenfield	Cliffside Park	Englewood	Fairview	Fort Lee	Garfield	Hackensack
158. Congenital debility	50	2	1			5		1					2
159. Premature birth	637	21	13		4	45	1	3	3	3		3	2
160. Injury at birth	230	3				16			1	1		2	1
161. Other diseases peculiar to early infancy ..	125	1	6		1	7	1						
162. Senility	122	2	3			10			1		1		1
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	56	2	1		1	3	1						
164. Suicide by poisonous gas	168	9	6		1	14	1		1			1	
165. Suicide by hanging or strangulation	171	3	3			27		3		1		3	
166. Suicide by drowning	24					3							
167. Suicide by firearms	99	4	1		1	9		1	2			1	
168. Suicide by cutting or piercing instruments ..	24					2							1
169. Suicide by jumping from high places	39	1		1		2							1
170. Suicide by crushing	5	1		1									
171. Suicide by other means	2												
172. Infanticide	1					1							
173. Homicide by firearms	50	2	2			2							
174. Homicide by cutting or piercing instruments ..	33	2	2			1							
175. Homicide by other means	48	2	1			3							1
176. Attack by venomous animals	3												
177. Poisoning by food	2												
178. Accidental absorption of poisonous gas	91	4	1			2						1	
179. Other acute accidental poisonings (gas excepted) ..	24	2	1			3							
180. Conflagration	71					6							
181. Accidental burns (conflagration excepted) ..	169	10	4	1		9			1	1		1	
182. Accidental mechanical suffocation	29					2							
183. Accidental drowning	271	6	5			18	1						2
184. Accidental traumatism by firearms	22	2			1	3		1					
185. Accidental traumatism by cutting or piercing instruments ..	11					2					1		
186a Accidental traumatism by fall	857	25	19		3	72	3	3	1	1	2	3	4
186b Accidental traumatism by crushing, landslide ..	1293	46	21	2	6	121	4	2	8	3	1	4	15
187. Cataclysm													
188. Injuries by animals	5												
189. Hunger and thirst	2					1							1
190. Excessive cold	2												
191. Excessive heat	35					8					1	1	3
192. Lightning	4					1						1	
193. Accidents due to electric currents	12												
194. Other accidents	129	5	3			10	1		1				1
195. Violent deaths of which the nature is unknown ..	34					3							
196. Wounds of war													
197. Execution of civilians by belligerent armies ..													
198. Legal executions													
199. Sudden death													
200. Cause of death not specified or ill-defined ..	20	1				5						1	1
Total	45312	1667	984	70	137	3662	92	151	195	78	81	213	282
Supplemental Tabulation of Certain Types of Violent and Accidental Deaths, 1937													
201. Accidents in mines and quarries	5												
202. Accidents from agricultural machinery	1												
203. Elevator accidents	6					1							
204. Accidents from machinery used for recreation ..													
205. Other machinery accidents	29					3						1	
206. Railroad and automobile collisions	27					1							
207. Other railroad accidents	85					12	2					1	2
208. Street car and automobile collisions	4												
209. Other street car accidents	6	2			1								
210. Automobile accidents (primary)	1166	44	21	2	5	107	2	2	9	4	1	2	13
211. Motorcycle accidents	10					1							
212. Other land transportation accidents	16												
213. Water transportation accidents	48	1	1			5	1						2
214. Air transportation accidents	39					2							

INTERNATIONAL LIST, IN THE COUNTIES OF NEW JERSEY AND MUNICIPALITIES
FIGURES INCLUDE PLACES WHICH FOLLOW: 1937—Continued

Lodi	North Arlington	Ridgfield 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
1	3	2		2	1	1	2	3	47	3	25	2	1	1	3	17	4	1		106	4
1						23		6	20	1	10	1	1		5	5	1		1	34	2
						5	2	1	7		4	2			1	1	1		40	30	2
1			1	1	1	1		4	3		2		1		3	7	3	1	2	23	
			2	2	2	3	1	7	9	1	2			2	1	3	1		1	20	2
				1		1	1	1	1		1		1		2	4	2			53	1
1			1	1		2		9	9		7				2	1	1	2	1	19	1
						1		1	2		1		1			5				14	
		1				1		1	1	1	1									3	
						1			5	1	4	1			1	2		1	1	18	1
								3	3		2	1			1	1	1		1	13	
	1					2		1				1			1					1	
			1		1	1		2	2		2				1		1			10	
		1	1	2		3		1	7		6				2	2				7	
						12		1	4	1	17	1	1		3	7		2	1	30	
			1			2		1	4		2									8	
			2	5	1	22	1	3	56	3	32	5	4	1	3	6	4			2	1
1	5	2	2	5	4	39	1	2	96	3	38	1	9	3	13	35	8	4	6	227	9
						1										1					
										3										5	
1				1					1	3	1				3	1				4	1
	1	1							4		4									6	
									1		1				1					1	
96	70	123	152	196	64	1141	63	153	3121	108	1497	155	188	122	409	898	220	193	91	9199	259

DEPARTMENT OF HEALTH

TABLE 20.—DEATHS, ADJUSTED FOR RESIDENCE, FROM EACH CAUSE, DETAILED OF 5,000 OR MORE INHABITANTS IN 1930. COUNTY

	Bloomfield	East Orange	Irvington	Montclair	Newark	Nutley	Orange	South Orange	West Orange	Gloucester County	Woodbury
158. Congenital debility					2	1				4	1
159. Premature birth	1	6	4	4	66	1	7	1	4	16	1
160. Injury at birth	2	2		3	32	1	2			5	
161. Other diseases peculiar to early infancy	2		2	2	18	1			2	4	
162. Senility	1	3	1		14		1	1		2	
163. Suicide by solid or liquid poisons or by absorption of corrosive substances		3		2	12					1	
164. Suicide by poisonous gas	2	6	4	4	25		2	2		4	1
165. Suicide by hanging or strangulation	2	1	1	2	13	1	1	2	1	3	
166. Suicide by drowning				1	1						
167. Suicide by firearms		4	1	3	7		1		1	2	
168. Suicide by cutting or piercing instruments					2					1	1
169. Suicide by jumping from high places	1		1	1	10						
170. Suicide by crushing					2	1					
171. Suicide by other means			1								
172. Infanticide											
173. Homicide by firearms		1	1	1	14					1	
174. Homicide by cutting or piercing instruments				1	13					1	
175. Homicide by other means		1		1	10		1			2	
176. Attack by venomous animals					10						
177. Poisoning by food		1									
178. Accidental absorption of poisonous gas	3		1	1	15			1		1	
179. Other acute accidental poisonings (gas excepted)					8			1			
180. Conflagration					5	2				7	1
181. Accidental burns (conflagration excepted)	4	4	1	3	15	1				6	1
182. Accidental mechanical suffocation	1				7						
183. Accidental drowning	6	1	3	1	27	1			1	7	1
184. Accidental traumatism by firearms											
185. Accidental traumatism by cutting or piercing instruments							1			1	
186a. Accidental traumatism by fall	9	9	9	7	112	2	6	1	5	12	5
186b. Accidental traumatism by crushing, landslide	15	19	8	8	144	3	4	1	2	33	3
187. Cataclysm											
188. Injuries by animals											
189. Hunger and thirst											
190. Excessive cold											
191. Excessive heat					3					2	
192. Lightning											
193. Accidents due to electric currents					2				1		
194. Other accidents		2	1	2	11				2	2	
195. Violent deaths of which the nature is unknown					4		1			1	
196. Wounds of war											
197. Execution of civilians by belligerent armies											
198. Legal executions											
199. Sudden death											
200. Cause of death not specified or ill-defined					1					1	
Total	394	756	503	501	5193	159	372	150	233	847	104
Supplemental Tabulation of Certain Types of Violent and Accidental Deaths, 1937											
201. Accidents in mines and quarries											
202. Accidents from agricultural machinery											
203. Elevator accidents					3						
204. Accidents from machinery used for recreation											
205. Other machinery accidents		2			2						
206. Railroad and automobile collisions				1						1	
207. Other railroad accidents		1			4	1	1			1	
208. Street car and automobile collisions		1		1							
209. Other street car accidents		1									
210. Automobile accidents (primary)	16	15	8	6	141	2	3	1	2	32	3
211. Motorcycle accidents	1										
212. Other land transportation accidents		1		1	3						
213. Water transportation accidents		1	2		5					1	
214. Air transportation accidents		2			1						

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INTERNATIONAL LIST, IN THE COUNTIES OF NEW JERSEY AND MUNICIPALITIES
 FIGURES INCLUDE PLACES WHICH FOLLOW: 1937—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
7	4				2		1			2		1			2			2			
101	12	1		8	51	8		10	4	3	2	38	3	23	38	3		1	8	2	3
42	6	1	1	14	4	4		5	1	2		6		4	10	1		4	2	1	
19	4	1		1	6	4		1		3		8		7	3	1		2			
5					2	1		1		2	1	1		1	5	1	1	1			
4				2	2					2		2		2	3						
15	4	1			4	1		3	2			8		5	7	1	1	1	1		
30	3			5	9			1	3	5		8	2	3	10	1		2	1		1
7					3		1		1	2		1		1	4				1	1	
2					2					1		4		2							
12	1			2	8	1		2		1		3	1	2							
3				2		1						4		2	4						
2				2								1		1							
5				1	4							1		1	3	1					
14				2	3	3		1	1			2		1	15				6		1
1						1				1		1		1							
15			2	1	11					1		1		1	6						1
18		1		2	11			1		1		6		4	5	1			4		
2				1	1			1													
51	11		5	4	24	1		1	2	1		11		7	17			2	5		1
2								1	1			1			3						
2					2																
166	17		4	11	93	12	1	9	5	8	2	50	3	29	40	1	1	7	9	2	4
142	11	2	4	5	83	8	2	11	6	13	1	47	1	28	99	4	3	9	18	2	4
1				1																	
6				1	1	1		2				2		2	2	1			1		
										1					1						
2			1					1													
24	1			2	15	2		1	1	4		5		4	11				3		1
										2	1	1	1		3			1	1		
3					1	1		1				2		2							
7241	730	64	159	691	3535	433	.66	627	351	515	61	2101	93	1359	2113	82	63	392	425	68	89

1					1																
4	1				2	1				1	2		1	1							
15	2		1		11					3	3		3	10		1	1	2		2	
1					1																
3					2	1															
121	10	2	3	5	67	6	2	11	6	10	1	43	1	24	91	3	2	8	19	2	3
1					1							2		1	1	1					
1					1																
8	2				5										2						

DEPARTMENT OF HEALTH

TABLE 20.—DEATHS, ADJUSTED FOR RESIDENCE, FROM EACH CAUSE, DETAILED OF 5,000 OR MORE INHABITANTS IN 1930. COUNTY

	South River	Monmouth County	Asbury Park	Long Branch	Red Bank	Morris County	Dover	Madison	Morristown	Ocean County	Passaic County
158. Congenital debility		1				3			1		4
159. Premature birth		24	3	2	2	14	3		1	13	52
160. Injury at birth		6				10	2	1		2	15
161. Other diseases peculiar to early infancy ..		3			1	5			2	1	11
162. Senility		14	1	2	1	3			1	1	8
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	1	2				2		1		1	2
164. Suicide by poisonous gas	2	2				2					19
165. Suicide by hanging or strangulation		5				4	1		1	3	12
166. Suicide by drowning		1				2				2	6
167. Suicide by firearms		6		1		3				3	5
168. Suicide by cutting or piercing instruments ..		2									3
169. Suicide by jumping from high places		2	1		1	1					2
170. Suicide by crushing											
171. Suicide by other means											
172. Infanticide											
173. Homicide by firearms		3	1							1	2
174. Homicide by cutting or piercing instruments ..		2				1					2
175. Homicide by other means	1	2			1	1					3
176. Attack by venomous animals						1					
177. Poisoning by food											
178. Accidental absorption of poisonous gas		8	1	5		1					3
179. Other acute accidental poisonings (gas excepted) ..											1
180. Conflagration		2				5					2
181. Accidental burns (conflagration excepted) ..		11	1	1	1	3			1	30	9
182. Accidental mechanical suffocation						2					2
183. Accidental drowning		13		2		6				2	15
184. Accidental traumatism by firearms											2
185. Accidental traumatism by cutting or piercing instruments ..		1									
186a Accidental traumatism by fall	1	46	4	4	4	26	3	2	4	3	54
186b Accidental traumatism by crushing, landslide ..	4	56	3	4	2	45	4	5	11	19	91
187. Cataclysm											
188. Injuries by animals		1									
189. Hunger and thirst											
190. Excessive cold						2		1			
191. Excessive heat		1									4
192. Lightning		1									
193. Accidents due to electric currents						2					
194. Other accidents		8	1	3	1	6			3	1	10
195. Violent deaths of which the nature is unknown ..		3				3		3			1
196. Wounds of war											
197. Execution of civilians by belligerent armies ..											
198. Legal executions											
199. Sudden death											
200. Cause of death not specified or ill-defined ..											
Total	87	2136	209	242	158	1309	122	97	194	554	3068

Supplemental Tabulation of Certain Types of Violent and Accidental Deaths, 1937

201. Accidents in mines and quarries											
202. Accidents from agricultural machinery											1
203. Elevator accidents											
204. Accidents from machinery used for recreation											
205. Other machinery accidents						1				1	5
206. Railroad and automobile collisions		4			1						4
207. Other railroad accidents		4		1		2					9
208. Street car and automobile collisions		1	1								
209. Other street car accidents											
210. Automobile accidents (primary)	4	47	2	4	1	42	4	5	11	18	71
211. Motorcycle accidents											
212. Other land transportation accidents		3				1					2
213. Water transportation accidents		4									1
214. Air transportation accidents		2				1				29	1

DEPARTMENT OF HEALTH

TABLE 21.—DEATHS BY OCCUPATIONS

	AGRICULTURE, FORESTRY AND ANIMAL HUSBANDRY					EXTRACTION OF MINERALS			Quarry operatives	
	Farmers	Farm laborers	Fishermen and oystermen	Gardeners, florists, fruit growers and nurserymen	Other agricultural and animal husbandry pursuits	Foremen, overseers and inspectors	Miners			
Tuberculosis of the respiratory system										
10 to 19	1	2								
20 to 29	4	2								
30 to 39	5	1	1	1						
40 to 49	5									
50 to 59	4		2	1						
60 to 69	3				1					
70 to 79	3									
80 and over										
Totals	22	7	3	2			8			
Cancer and other malignant tumors										
10 to 19	2	1								
20 to 29	12			1						
30 to 39	12		1	1						
40 to 49	14	5	2	9	3		1			
50 to 59	34	4	5	9	1				1	
60 to 69	41	3	2	12						
70 to 79	15		1	1	1					
80 and over										
Totals	120	13	11	33	5		1		1	
Diseases of the nervous system and of the organs of special sense										
10 to 19	12	1								
20 to 29										
30 to 39	3			1			1			
40 to 49										
50 to 59	11			4	1		1		1	
60 to 69	16	2	2	4	1		1			
70 to 79	25	2	1	5	3		1			
80 and over	19		1	3					1	
Totals	76	5	4	17	5		4		2	
Diseases of the circulatory system										
10 to 19	1									
20 to 29	2									
30 to 39	1			1			1		2	
40 to 49	4	2		3	1		2		1	
50 to 59	37	11	3	13	2		1		1	
60 to 69	53		6	24	3		6		2	
70 to 79	116	10	6	24	1		3		1	
80 and over	112	7	8	14	2		2			
Totals	326	38	17	79	10	2	15		6	

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AND AGE GROUPS, NEW JERSEY, 1937

MANUFACTURING AND MECHANICAL INDUSTRIES																
Bakers	Blacksmiths, forgers 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—
1 1 3 2 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		1		1		1		1	2			1
20 to 29									5	1		6
30 to 39		1							12	1		3
40 to 49		1							5	1	2	3
50 to 59		1				2		1	7	3	1	3
60 to 69												
70 to 79											1	
80 and over											1	
Totals		5		1		3		4	31	6	7	13
Cancer and other malignant tumors												
10 to 19									1			
20 to 29									3	1		3
30 to 39									12	7		9
40 to 49		1				1	1		16	12	7	5
50 to 59		4				1	1	3	30	16	7	3
60 to 69		6				1	3	4	20	13	6	5
70 to 79		1				1	1	2	2		1	
80 and over		1										
Totals		15				3	6	9	84	49	22	25
Diseases of the nervous system and of the organs of special sense												
10 to 19												2
20 to 29									1	1		1
30 to 39									4	2		3
40 to 49		3				1			9	6	7	1
50 to 59		1				1			12	8	4	6
60 to 69		1					1	2	13	6	3	1
70 to 79		1							2	1	3	1
80 and over												
Totals		7				2	1	2	41	24	17	15
Diseases of the circulatory system												
10 to 19									1			
20 to 29		1							4		1	1
30 to 39		2							8	5	3	6
40 to 49		6		1			2	4	22	19	6	11
50 to 59		6				2	2	5	39	34	19	10
60 to 69		6				1	2	6	57	27	40	15
70 to 79		14		1		1		1	44	29	29	9
80 and over								1	10	3	13	5
Totals		35		2		5	6	17	185	117	111	57

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AGE GROUPS, NEW JERSEY, 1937—Continued

Millers (grain, flour, feed, etc.)	Milliners and millinery dealers	Moulders, founders and casters	Painters, glaziers, varnishers, enamellers, etc.	Paperhangers	Plasterers	Plumbers and gas and steam fitters	Pressmen (printing)	Roofers and slaters	Semi-skilled Operatives—	Industry not stated	Chemical industries	Cigar and tobacco factories	Clay and stone industries (excepting potteries)	Clothing industries	Food industries	Glass industries	Iron, steel and other metal industries	Leather industries	Lumber and furniture industries
...	...	1	3	...	...	3	2	...	...	4	...	...	...	...	...	...	...	...	...
...	...	2	4	...	...	16	...	...	...	7	1	2	...	...	4	...	2	...	...
...	...	6	1	...	...	5	1	...	...	5	1	1	1	3	2	...	6	2	...
...	...	4	4	...	...	5	...	1	...	4	1	1	1	1	...	2	7	2	...
...	...	1	3	...	...	2	2	...	...	2	...	1	...	1	1	...	2	2	1
...	...	...	3	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...
...	...	11	24	...	...	18	7	...	...	38	3	5	4	10	7	2	25	6	1
...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...
...	...	2	5	...	1	...	...	1	...	1	...	...	...	...	2	...	3	1	...
...	1	3	19	...	2	4	2	...	...	2	4	...	1	3	2	2	2	...	2
...	4	12	1	1	10	8	4	2	...	7	2	...	2	12	9	1	16	2	5
...	1	12	2	...	5	1	1	...	...	5	2	...	1	9	5	1	20	6	2
1	...	2	...	...	...	...	...	1	...	4	2	1	...	3	2	1	7	4	...
...	...	...	...	...	...	...	...	1	...	1	...	1	...	1	...	...	2	...	...
1	1	10	50	3	4	27	16	5	...	20	10	3	4	29	13	5	50	13	9
...	...	...	...	...	...	...	...	...	...	3	...	...	...	1	...	...	...	...	...
...	...	...	3	...	...	...	...	...	...	1	...	...	...	1	1	...	1	...	...
...	...	...	...	...	...	...	...	...	...	5	2	1	1	2	2	...	3	...	1
...	...	...	9	1	1	4	...	1	...	6	3	...	...	1	2	1	2	3	1
1	...	18	...	1	5	3	...	...	...	3	4	...	...	6	3	1	8	1	2
1	...	6	...	1	1	3	...	...	...	7	3	...	...	3	...	1	6	1	2
...	...	1	5	...	1	...	...	...	...	2	3	4	...	2	...	...	1	2	...
2	...	8	41	1	3	13	7	3	...	28	15	5	1	16	8	3	22	7	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	1	...	...	...	...	...	...	4	2	...	...	2	...	...	1	...	...
...	...	...	3	...	...	...	...	...	...	1	1	...	...	1	1	...	1	...	2
...	...	...	27	3	1	11	8	...	...	8	4	1	2	6	1	2	15	1	...
...	...	8	39	2	3	21	8	2	...	12	9	1	3	8	7	4	24	5	3
...	2	11	58	3	3	24	12	2	...	19	15	4	7	14	3	5	25	9	8
...	2	12	32	...	3	12	13	2	...	10	9	6	1	10	9	2	30	6	9
...	2	3	10	2	...	2	1	1	...	6	4	3	1	4	1	3	13	3	2
2	5	34	170	10	10	77	45	7	...	60	44	15	14	49	23	16	109	24	24

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
Tuberculosis of the respiratory system										
10 to 19	1	5	1	8			1			1
20 to 29	1	2	2	1			1			2
30 to 39	4	2	2	3			3			2
40 to 49	1	1	4	5	3		1			1
50 to 59	1	1	2	3	2	1	3	1	1	1
60 to 69	4	1	2	3	3	1	1	1		1
70 to 79	3	1		2	2	1				
80 and over										
Totals	14	6	21	20	8	3	11	3	1	6
Cancer and other malignant tumors										
10 to 19	1			3						
20 to 29	1		6	1						
30 to 39	1	1	12	7			3	1		2
40 to 49	3		14	7	2	2	3		2	1
50 to 59	1	4	12	5	4	2	10	1	3	5
60 to 69	2	1	14	3	3	2	4	2		3
70 to 79	1	1	2	1	1		1			1
80 and over										
Totals	8	7	60	27	10	6	21	4	5	12
Diseases of the nervous system and of the organs of special sense										
10 to 19			1							
20 to 29			1	2						
30 to 39			2							
40 to 49	1	2	4	3	1		1			
50 to 59		1	12	7	3		5	1		
60 to 69			12	8	1	3	6			2
70 to 79	2	2	10	5	1	1	7	1	2	1
80 and over			7		2		1			
Totals	3	5	49	25	8	4	20	2	2	3
Diseases of the circulatory system										
10 to 19			4	5	1					1
20 to 29			1	5	1					2
30 to 39			20	11	2		7	3	1	1
40 to 49	2	4	26	15	9		13	4	2	11
50 to 59	2	3	39	29	13	2	24	1		11
60 to 69	7	7	33	26	8	5	14	3	3	5
70 to 79	7	7	15	8	7	1	4	3	4	2
80 and over	3									
Totals	21	18	138	98	41	8	62	15	10	32

AGE GROUPS, NEW JERSEY, 1937—Continued

TRANSPORTATION		
Water—		
Boatmen, canalmen, sailors and deck hands	1 1 1	3
Longshoremen and stevedores	2 1	3
Other pursuits	1	2
Road and Street—		
Carriage and hack drivers, draymen, teamsters and expressmen	2	2
Chauffeurs	9 17 7 3 1	37
Contractors and foremen (road building)		3
Garage keepers and managers		2
Laborers (road building) and street cleaners	1 2	8
Livery stable keepers and managers, hostlers and stable hands		1
Other pursuits	5 3 2	14
Railroad—		
Baggage men and freight agents	1	1
Brakemen	1	9
Conductors	1	9
Foremen, overseers and inspectors		9
Laborers	1	9
Locomotive engineers	1	1
Locomotive firemen	1	1

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	Linenmen	Mail carriers	Telegraph operators	Telephone operators	Other pursuits
Tuberculosis of the respiratory system	10 to 19											1	
	20 to 29											3	
	30 to 39	1										2	
	40 to 49		1	1				1		1	1	1	2
	50 to 59									1	2		
	60 to 69				1	1				1			1
	70 to 79												
	80 and over									1			
	Totals	1	1	1	1	1		1		4	3	7	4
Cancer and other malignant tumors	10 to 19											1	
	20 to 29											1	
	30 to 39												1
	40 to 49		1		1	1				1		3	1
	50 to 59	1		1						2	3		
	60 to 69		1	3		4			1	2	12		3
	70 to 79	1	2	1	1	7			1		1	1	4
	80 and over												
	Totals	2	4	5	2	13			2	5	6	5	9
Diseases of the nervous system and of the organs of special sense	10 to 19												
	20 to 29												
	30 to 39												1
	40 to 49					1				1		1	1
	50 to 59		1	1			1				2		
	60 to 69					3		1	1	1	1		1
	70 to 79		1	2		3		1	1	2	1		2
	80 and over				1	1							
	Totals		3	3	1	8		1	2	4	4	1	5
Diseases of the circulatory system	10 to 19												2
	20 to 29											1	2
	30 to 39									1		2	2
	40 to 49		2			2							4
	50 to 59	1	1		1	5		1	1	3	2		5
	60 to 69	3	1	6	2	11			1	1	4		6
	70 to 79	2	5	7	4	10		1		4	4		6
	80 and over	1		2		4					1		1
	Totals	9	15	22	7	32		1	1	11	9	5	25

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											
Tuberculosis of the respiratory system	10 to 19	.....	.....	.....	.....	.....	.....	1	.....	2	.....	2	4
	20 to 29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
	30 to 39	.....	.....	2	.....	1	.....	.....	1	2	.....	1	5
	40 to 49	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	3
	50 to 59	.....	.....	.....	.....	2	.....	.....	1	.....	.....	.....	2
	60 to 69	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....	1
	70 to 79	.....	.....	.....	1	2	.....	.....	.....	1	.....	.....	.....
	80 and over	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2
Totals		1	.....	3	1	5	1	1	2	5	3	4	24
Cancer and other malignant tumors	10 to 19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	20 to 29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	30 to 39	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	40 to 49	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	50 to 59	.....	.....	.....	2	2	2	.....	.....	1	.....	.....	.....
	60 to 69	1	.....	1	4	5	1	1	1	1	.....	.....	.....
	70 to 79	1	.....	2	1	3	1	2	4	3	.....	2	.....
	80 and over	1	.....	2	1	2	.....	.....	1	2	.....	.....	.....
Totals		6	1	9	8	16	4	3	8	17	1	14	59
Diseases of the nervous system and of the organs of special sense	10 to 19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	20 to 29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	30 to 39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	40 to 49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	50 to 59	1	1	1	2	2	1	3	2	1	.....	1	.....
	60 to 69	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	70 to 79	1	.....	1	2	3	2	.....	.....	2	.....	2	.....
	80 and over	.....	1	.....	.....	3	.....	1	1	3	.....	5	.....
Totals		2	2	3	4	13	4	4	9	8	2	11	18
Diseases of the circulatory system	10 to 19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	20 to 29	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....
	30 to 39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	40 to 49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	50 to 59	1	2	5	3	3	.....	4	2	4	2	4	18
	60 to 69	1	1	3	4	8	5	4	3	6	4	4	46
	70 to 79	3	5	7	9	11	8	4	13	4	2	10	22
	80 and over	5	5	3	5	10		3	10	6	3	6	24
Totals		10	15	21	23	41	15	16	34	24	14	35	168

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AGE GROUPS, NEW JERSEY, 1937—Continued

DOMESTIC AND PERSONAL SERVICE																
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																
CLERICAL OCCUPATIONS																
Agents, canvassers and collectors																
Bookkeepers, cashiers and accountants																
Clerks (except clerks in stores)																
Other clerical pursuits																
Totals																
1	3	2	111	1	2	1	2	2	26	1	4	3	24	2	24	
1	1	75	80	1	3	3	1	1	14	2	4	2	22	6	341	
1	3	57	57	3	3	3	2	1	9	4	4	3	14	2	328	
1	1	40	40	3	3	3	2	1	11	1	7	3	15	2	367	
1	1	23	23	3	3	3	1	1	6	1	3	3	5	2	313	
1	1	2	2	3	3	3	1	1	2	1	1	1	1	1	176	
6	6	390	390	8	18	11	2	70	12	18	3	11	81	21	64	
1	1	9	9	1	1	1	1	1	1	1	1	1	1	1	9	
2	1	115	115	2	2	2	1	7	3	3	3	1	3	2	341	
2	1	343	343	5	1	2	1	18	3	3	1	5	9	3	204	
4	2	546	546	2	4	7	3	11	2	18	1	14	26	5	669	
4	3	593	593	6	2	4	2	16	11	11	1	5	29	6	1211	
2	2	408	408	2	2	2	1	6	1	12	1	10	17	2	1404	
1	1	111	111	1	1	1	1	1	1	1	1	1	1	1	966	
15	8	20	2126	16	7	15	8	3	59	6	45	4	36	98	22	235
1	1	1	12	1	1	1	1	1	1	1	1	1	1	1	1	11
1	1	1	37	1	1	1	1	2	2	1	2	1	1	1	1	48
2	1	1	140	1	1	1	1	6	1	1	2	1	3	9	1	100
5	3	2	250	2	2	2	1	12	11	11	1	4	13	4	1	345
2	1	1	407	7	3	2	3	21	3	4	4	2	5	15	5	614
1	1	1	322	2	2	2	1	1	1	4	4	1	4	13	1	921
1	1	1	169	1	2	2	1	1	1	1	1	1	1	2	1	700
11	6	6	1337	14	5	8	2	5	44	5	22	5	17	66	13	324
1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	11
3	1	1	50	1	2	2	3	4	2	2	2	1	1	18	7	176
1	1	1	130	1	2	2	3	11	2	2	2	3	3	21	5	360
11	6	9	338	8	3	2	3	36	4	11	2	2	15	39	2	1164
13	7	13	663	9	6	6	6	54	13	21	4	32	52	7	2	2142
14	5	13	1147	20	4	9	10	42	4	30	2	30	66	13	3	3218
18	2	11	1291	25	2	10	4	29	3	22	2	15	47	9	9	2979
1	1	4	665	5	3	3	2	10	1	9	2	11	17	3	3	1428
62	20	51	4286	67	20	30	25	8	186	26	96	11	107	260	46	11478

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	1	1		1						
	20 to 29	2									
	30 to 39	7	1	1	1			1			
	40 to 49	5	2		2				1		
	50 to 59	7	1	1	4			1			
	60 to 69	12	3		2						
	70 to 79	5	1								
Totals	32	9	2	10			2	1			
Diseases of the digestive system											
	10 to 19										
	20 to 29										
	30 to 39			1							
	40 to 49										
	50 to 59		1								
	60 to 69	2									
	70 to 79	1									
Totals	3	1	1								
Diseases of the genito-urinary system and annexa											
	10 to 19			1							
	20 to 29										
	30 to 39	5	1		1						
	40 to 49	5	3		3						
	50 to 59	9			6	2					
	60 to 69	6		1	2	1					
	70 to 79	14	3	2	4	1					
Totals	5			1							
Non-venercal diseases of the genito-urinary system and annexa											
	10 to 19										
	20 to 29				1						
	30 to 39										
	40 to 49	3	2		1						
	50 to 59	10		1	4	1					
	60 to 69	20		3	3						
	70 to 79	36	4	2	9	2		1	1		
Totals	27	1	2	6							
Totals		96	7	8	24	3		1	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.)
Pneumonia	10 to 19													3
	20 to 29													4
	30 to 39													2
	40 to 49	1	1										1	1
	50 to 59	3	3										2	2
	60 to 69	1	1			1	1		2				4	3
	70 to 79							1	1				3	1
	80 and over													
Totals		2	10			1	1	1	5		27	13	11	14
Diseases of the respiratory system (pneumonia excepted)	10 to 19													
	20 to 29													1
	30 to 39										1			
	40 to 49										1			
	50 to 59										1			
	60 to 69		1								3	2	1	2
	70 to 79										2	1		
	80 and over													
Totals			1								8	4	1	3
Diseases of the digestive system	10 to 19					1			1					
	20 to 29		1			1								
	30 to 39								2		2	2		
	40 to 49		2					1			4	3	3	2
	50 to 59		1	1				1	1		9	3	4	2
	60 to 69							1	1		7	2	3	2
	70 to 79							1			3	4	1	
	80 and over										1		3	
Totals			4	1		2		4	5		26	14	16	9
Non-venereal diseases of the genito-urinary system and annexa	10 to 19													3
	20 to 29											1		
	30 to 39							1				2		
	40 to 49		1		1			1			2	2		
	50 to 59		1					1			6	2	5	5
	60 to 69		3		1			1	1		15	3	5	2
	70 to 79			1							15	9	7	1
	80 and over										2	1	3	
Totals			5	1	2		3	2	1		40	27	20	13

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AGE GROUPS, NEW JERSEY, 1937—Continued

Millers (grain, flour, feed, etc.)	Milliners and millinery dealers	Monlders, founders and casters	Painters, glaziers, varnishers, enamellers, etc.	Paperhangers	Plasterers	Plumbers and gas and steam fitters	Pressmen (printing)	Roofers and slaters	Semi-skilled Operatives—	Industry not stated	Chemical industries	Cigar and tobacco factories	Clay and stone industries (excepting potteries)	Clothing industries	Food industries	Glass industries	Iron, steel and other metal industries	Leather industries	Lumber and furniture industries
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
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32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46
47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51
52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52
53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53
54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56
57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
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59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66
67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67
68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69
70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71
72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73
74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74
75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76
77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78
79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79
80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81
82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
84	84	84	84	84	8														

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
Pneumonia										
10 to 19				1						
20 to 29		1								1
30 to 39	1	2	1	1						2
40 to 49		1	1	1						4
50 to 59	1	1	1	2	1		7			
60 to 69	1	1	4	2	12		12			
70 to 79			3	1					1	3
80 and over			1	2	1					
Totals	3	6	17	13	4		9		1	10
Diseases of the respiratory system (pneumonia and tuberculosis) excepted										
10 to 19										
20 to 29										
30 to 39										
40 to 49	1		1		1					
50 to 59				1	2		2			
60 to 69	1	2		1						1
70 to 79				1	2					
80 and over										
Totals	2	2	1	3	5		2			1
Diseases of the digestive system										
10 to 19		1	12	2						
20 to 29		1	3	3						1
30 to 39			5	5						1
40 to 49			2	1	1	2	3			2
50 to 59	1	1	2	5	1	1		2		3
60 to 69			4	1	12	3	1			
70 to 79		1	12	3	1		2			
80 and over					1			1		
Totals	1	4	26	19	6	6	8	3		7
Non-venereal diseases of the genito-urinary system and annexa										
10 to 19			1	2						1
20 to 29			1	1						
30 to 39			1	1	1		1			
40 to 49			2	3	1		4	1		
50 to 59			2	3	1	1	6	1	1	
60 to 69	5		7	8	5	1	6	3		4
70 to 79	2		9	8	2		7	2	1	2
80 and over	2	1	4	3	3	3	1			
Totals	9	1	29	28	13	5	25	7	2	7

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			I	I	I	S	I	I	I	I	I	Locomotive firemen
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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	1										
30 to 39		1			3						1
40 to 49			1		4						2
50 to 59					2			1			
60 to 69					1						
70 to 79											
80 and over											
Totals	1	1	1		11			1			3
Diseases of the respiratory system (pneumonia and tuberculosis excepted) {											
10 to 19											
20 to 29											
30 to 39					1						
40 to 49											
50 to 59					1						
60 to 69									1		
70 to 79					1						
80 and over											
Totals					2				1		
Diseases of the digestive system {											
10 to 19					1					1	1
20 to 29					1						1
30 to 39					1						2
40 to 49	1				2			1	1		
50 to 59					1	1					1
60 to 69	1	1			1			1			
70 to 79											
80 and over					1						
Totals	2	1			6	1		2	1	1	5
Non-venereal diseases of the genito-urinary system and annexa {											
10 to 19					1			1		1	1
20 to 29			1				1				
30 to 39					1						
40 to 49		1			1						
50 to 59	1		1		1			1			
60 to 69			1		2		1		2	1	1
70 to 79		3	2	1	6				1		2
80 and over			1		4						
Totals	1	4	6	1	15		2	3	3	2	4

BUREAU OF VITAL STATISTICS

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AGE GROUPS, NEW JERSEY, 1937—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
	1 2 1 3 4 1	1 1 1 1 1	1 1 1 1 1	1 2 1 1 1	1 4 3 4 2	4 6 10 7 2	1 1 2 1 1	1 5 12 16 15 12 10	2 3 1 1 1				1 1 2 2 2				4 3 6 10 10 2
	8	6		3	19	36	4	71	8		3		15	9	3	2	35
									1								
			1			2 1 1		1 4 3 1									1
			1		4	4		12	1								1
		1 5 1				3 5 14 5 7 4 1	1 1 1 1 1 1	1 8 15 28 26 11 2	3 3			4 1 1 6					3 1 3 6 5 3
	8	7				39	4	91	6		1	16		5	10	5	21
									1								
	1	1			1	4		7	1		1	1			1		1
					3	6		8			1	1		1	2	1	2
	1	1			4	11	2	17	2		2	1		2	1	1	6
	3	1	1		6	12	1	36	1		1	5	1	3	5	2	16
	3	2	4	1	12	14		29			1	1	1	4	4	1	12
	4	1			2	2	1	13							1		3
12	6	5	1	1	28	49	4	111	5		6	8	2	10	15	5	40

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	
Pneumonia	10 to 19	.....	1	.....	.....	.....	.....	1	.....	1	.....	.....	1	.....
	20 to 29	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	1	4
	30 to 39	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	10
	40 to 49	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
	50 to 59	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
	60 to 69	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
	70 to 79	1	2	.....	1	.....	.....	.....	1	.....	.....	1	1	5
	80 and over	.....	1	.....	.....	1	1	.....	2	.....	.....	1	3	2
Totals		2	4	3	3	2	3	3	3	4	2	4	13	29
Diseases of the respiratory system (pneumonia and tuberculosis excepted)	10 to 19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
	20 to 29	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
	30 to 39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
	40 to 49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	50 to 59	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....
	60 to 69	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
	70 to 79	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....
	80 and over	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Totals		.....	.....	.....	1	1	.....	.....	2	.....	.....	1	3	4
Diseases of the digestive system	10 to 19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1
	20 to 29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2
	30 to 39	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	4
	40 to 49	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
	50 to 59	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3
	60 to 69	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....
	70 to 79	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	11
	80 and over	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
Totals		1	4	3	1	12	2	1	6	5	3	8	9	27
Non-venereal diseases of the genito-urinary system and annexa	10 to 19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
	20 to 29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	30 to 39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	40 to 49													
	50 to 59													8
	60 to 69	1	1	1										12
	70 to 79													7
	80 and over													6
Totals		1	3	3	4	15	4	7	4	6	4	9	13	38

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AGE GROUPS, NEW JERSEY, 1937—Continued

DOMESTIC AND PERSONAL SERVICE													Total
Barbers, hairdressers and manicurists	Bartenders	Hotel keepers and managers	Housekeepers and stewards	Janitors and sextons	Laundrers and laundresses	Porters (except in stores)	Restaurant, cafe and lunch room keepers	Saloonkeepers	Servants	Waiters	Other pursuits	CLERICAL OCCUPATIONS	
2	3	2	60	37	1	1	1	1	2	1	2	1	10
2	2	2	82	1	1	1	1	1	7	3	1	3	102
6	2	2	97	12	12	7	12	1	5	3	5	6	193
1	1	1	136	4	1	1	1	1	5	12	3	10	321
			144	1			1	1	1		12	6	399
			85	1					1			3	398
11	8	7	641	10	6	10	4	4	29	6	13	4	1896
			1	8									2
1		1	13				1		1				18
1			16						1			2	36
			14						2				50
			15										60
			11						1				46
			13	1	1							1	38
													22
2		1	91	1	1		1		5		1		272
			1			2			1	1			19
1		3	72		2	2		1	5	3		3	108
1	1	5	136		4	1	1		6	1	5	3	213
3	8	5	127	3	3	3	3	1	12	3	3	1	384
1	2	3	135	4	3	3		1	6		5	1	448
1		1	81	1		2		1	4	2	1	3	408
		2	32	1								4	224
													64
8	14	19	614	13	12	8	6	4	30	13	18	5	1868
			4						7	1			8
			31			1			8	1			75
			63			1			1		4		143
	1	1	123	1	1		2	1	15	1	3	2	296
2		2	183	5	2		2		10	2	5	1	467
2	1	3	268	4	2	1	1		15	2	3	2	729
4		4	302	10	2	1	1		11		5	7	779
		1	153	5					1	1	1	3	346
8	2	11	1127	25	7	4	6	1	67	8	21	4	2843

DEPARTMENT OF HEALTH

TABLE 21.—DEATHS BY OCCUPATIONS AND

	AGRICULTURE, FORESTRY AND ANIMAL HUSBANDRY					EXTRACTION OF MINERALS	Foremen, overseers and inspectors	Miners	Quarry operatives
	Farmers	Farm laborers	Fishermen and oystermen	Gardeners, florists, fruit growers and nurserymen	Other agricultural and animal husbandry pursuits				
Suicide									
10 to 19	1	2	1	1	1				
20 to 29	4			1					
30 to 39	3	1		1				1	
40 to 49	6	1	1	1					
50 to 59	3	2	1	1					
60 to 69	2			1					
70 to 79				1					
80 and over									
Totals	19	5		5				1	
Violent deaths (suicide excepted)									
10 to 19	1	2						2	
20 to 29	4	1		1	1			1	1
30 to 39	4	1	3					1	
40 to 49	5	14	1	2					
50 to 59	9	10	2	4				1	1
60 to 69	10	7		4					1
70 to 79	8	1	1	4					
80 and over	9			3					
Totals	50	36	7	18	1			4	3
All other diseases and causes of death									
10 to 19	1			1	1				
20 to 29	4								
30 to 39	2	2							
40 to 49	6	2	1	1				1	
50 to 59	8	2		3				1	
60 to 69	11	2		5	1		1	1	
70 to 79	13	1		2	5				
80 and over	12		1						
Totals	57	9	3	12	7		1	3	
Summary									
10 to 19	3	4		1					
20 to 29	17	7	1	3	2			2	
30 to 39	23	7	5	4				4	1
40 to 49	49	25	4	15	1		1	9	3
50 to 59	113	29	7	46	9			6	3
60 to 69	163	29	15	57	7		2	9	4
70 to 79	272	27	15	63	12			6	1
80 and over	205	9	13	28	4			3	2
Totals	845	137	60	217	35		3	39	14

AGE GROUPS, NEW JERSEY, 1937—Continued

[illegible]

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	1			1	2	2	
	20 to 29										1			
	30 to 39		1											
	40 to 49		1						1		6			12
	50 to 59		1					1			12	3	3	1
	60 to 69		12								1	2	1	
	70 to 79													
	80 and over												1	
	Totals		5				1	2	2		11	7	9	3
Violent deaths (suicide excepted)	10 to 19			1	1						1			2
	20 to 29		12						4		5			9
	30 to 39		3				1	1			5	2	2	10
	40 to 49		3						2		9	1	1	2
	50 to 59		1	3							11	5	1	
	60 to 69		1					1	1		6	4	1	1
	70 to 79										3	1	3	2
	80 and over		1								12		1	
	Totals	1	12	1	1	1	1	1	7		42	13	9	26
All other diseases and causes of death	10 to 19					1					1	1		4
	20 to 29					1					2			2
	30 to 39										6	3	1	2
	40 to 49		1			3	1		1		2			3
	50 to 59		1	2		1			1		7	3	5	1
	60 to 69					3			1		4	10	4	1
	70 to 79		2			1					4	5	8	
	80 and over						1				1	1	3	
	Totals	2	5			10	1	1	5		24	23	21	10
Summary	10 to 19			1	1	2			1		2			2
	20 to 29		5			2	2	1	5		16	2	1	23
	30 to 39		6				1		9		30	20	10	35
	40 to 49	2	24		2	4	4	3	6		87	42	16	37
	50 to 59	2	24	1	2	2	7	5	15		110	79	57	32
	60 to 69	3	23			3	4	9	17		149	78	70	31
	70 to 79		18	1		1	2	3	3		104	70	61	21
	80 and over		2					1	1		21	6	29	7
	Totals	7	102	3	6	14	20	24	57		519	297	244	188

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AGE GROUPS, NEW JERSEY, 1937—Continued

Millers (grain, flour, feed, etc.)	Milliners and millinery dealers	Moulders, founders and casters	Painters, glaziers, varnishers, enamelers, etc.	Paperhangers	Plasterers	Plumbers and gas and steam fitters	Pressmen (printing)	Roofers and slaters	Semi-skilled Operatives—	Industry not stated	Chemical industries	Cigar and tobacco factories	Clay and stone industries (excepting potteries)	Clothing industries	Food industries	Glass industries	Iron, steel and other metal industries	Leather industries	Lumber and furniture industries
.....	.....	.....	1	.....	.....	.....	2	.....	.....	1	.....	1	.....	.....	.....	1	3	.....	.....
.....	.....	.....	3	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2	.....	.....
.....	.....	.....	6	1	1	2	.....	.....	.....	4	2	.....	.....	1	.....	1	1	1	.....
.....	.....	.....	4	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	1	.....	2	.....	.....
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....
.....	.....	2	15	1	1	2	2	.....	.....	10	2	2	.....	2	1	3	7	2	.....
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	1	1	.....	1	.....	.....
.....	.....	1	5	.....	.....	1	1	1	.....	4	5	.....	.....	5	2	2	8	.....	1
.....	.....	.....	6	.....	.....	6	1	1	.....	3	1	.....	.....	1	1	.....	7	.....	.....
.....	.....	3	8	.....	1	5	.....	.....	.....	1	2	1	.....	3	1	.....	12	.....	.....
.....	.....	.....	12	.....	.....	6	.....	.....	.....	3	1	.....	1	2	3	.....	2	.....	1
.....	1	1	10	1	1	1	1	1	.....	4	3	1	.....	3	1	.....	4	2	1
.....	.....	.....	2	.....	1	1	.....	2	.....	1	.....	.....	.....	1	.....	1	3	1	2
1	1	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	.....	2	.....	1	.....	.....
1	2	6	45	1	2	20	4	4	.....	23	12	3	3	15	10	3	38	6	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	1	.....
.....	1	.....	1	.....	.....	3	.....	.....	.....	3	.....	.....	1	2	.....	.....	3	.....	.....
.....	.....	.....	5	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	3	.....	.....	1	.....
.....	1	.....	3	.....	1	5	.....	.....	.....	3	.....	.....	2	3	.....	.....	3	.....	1
.....	.....	.....	5	.....	.....	3	5	.....	.....	6	.....	1	.....	1	1	.....	3	.....	.....
.....	.....	.....	7	.....	.....	5	.....	.....	.....	1	.....	2	.....	3	1	.....	2	1	2
.....	.....	2	6	1	.....	.....	.....	.....	.....	2	.....	.....	.....	2	.....	2	1	.....	.....
.....	1	.....	12	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....
1	2	4	29	1	2	16	7	.....	.....	22	.....	3	4	11	6	2	16	7	3
.....																			
.....	.....	1	2	.....	.....	1	.....	1	.....	21	.....	1	.....	5	2	.....	1	1	.....
.....	.....	2	14	1	.....	6	.....	.....	.....	37	9	3	2	20	9	2	17	.....	1
.....	1	.....	27	.....	1	21	9	5	.....	21	5	3	2	6	10	1	31	4	2
.....	.....	20	70	3	4	42	15	1	.....	38	15	5	10	25	6	6	53	6	4
2	2	24	117	4	10	61	22	4	.....	53	23	4	6	30	19	9	72	20	12
1	4	20	138	5	6	60	33	5	.....	45	34	10	11	44	17	13	85	31	18
3	1	25	76	5	5	22	24	2	.....	31	16	10	3	23	16	9	68	17	14
3	4	7	26	3	1	3	3	.....	.....	11	12	10	1	10	6	4	20	6	4
9	12	105	470	21	27	216	100	25	.....	257	114	46	35	163	85	44	347	85	55

DEPARTMENT OF HEALTH

TABLE 21.—DEATHS BY OCCUPATIONS AND

	Poteries	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					1			
30 to 39				1	1					
40 to 49			2	1			1			
50 to 59			1			1		1	1	1
60 to 69			2	1	1		1			
70 to 79			1					1		
80 and over										
Totals		2	12	3	2	1	3	3	1	1
Violent deaths (suicide excepted)										
10 to 19	1		1	1	1					1
20 to 29			5	10			4			
30 to 39	1		3	14			2			2
40 to 49	1	1	4	8	2	1	1			2
50 to 59			3	12			3			3
60 to 69			7	1			3		1	
70 to 79	1		3	2	1		2			
80 and over		1	1							1
Totals	4	2	27	38	4	1	15		1	9
All other diseases and causes of death										
10 to 19			1	1						
20 to 29		1	2	5			4			
30 to 39	1	1	2	3						
40 to 49			6	12	1		1			3
50 to 59	1		10	3			5		1	2
60 to 69			5	3	2		6	1		2
70 to 79		1	3	1	1		2			
80 and over										
Totals	2	3	29	18	4		18	1	1	7
Summary										
10 to 19	1		3	5	1					2
20 to 29	2	5	20	39	1		9	1		1
30 to 39	3	3	23	32	3		7	1		7
40 to 49	9	12	67	48	12	2	26	6	1	14
50 to 59	9	9	94	48	22	3	47	10	8	24
60 to 69	19	11	94	51	32	12	60	7	4	29
70 to 79	17	13	78	49	19	9	38	9	7	14
80 and over	5	3	30	14	15	4	7	4	4	4
Totals	67	56	409	292	105	34	194	38	24	95

[illegible]

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	Linenmen	Mail carriers	Telegraph operators	Telephone operators	Other pursuits
Suicide	10 to 19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	20 to 29	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	30 to 39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
	40 to 49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
	50 to 59	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	60 to 69	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	70 to 79	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	80 and over	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals		.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	2
Violent deaths (suicide excepted)	10 to 19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	20 to 29	.....	.....	.....	.....	1	.....	.....	.....	1	.....	2	1
	30 to 39	.....	.....	12	.....	2	.....	1	.....	1	.....	1	2
	40 to 49	.....	.....	.....	.....	2	.....	.....	.....	1	.....	.....	3
	50 to 59	.....	.....	1	.....	3	.....	.....	.....	.....	.....	1	2
	60 to 69	.....	.....	2	.....	1	.....	.....	.....	.....	.....	.....	.....
	70 to 79	1	.....	1	.....	1	.....	.....	.....	2	.....	.....	.....
	80 and over	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1
Totals		1	.....	6	.....	9	.....	1	.....	5	.....	4	9
All other diseases and causes of death	10 to 19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
	20 to 29	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	1
	30 to 39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	40 to 49	.....	.....	1	.....	2	.....	.....	.....	2	.....	.....	.....
	50 to 59	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	60 to 69	.....	.....	.....	.....	1	.....	1	.....	1	.....	.....	.....
	70 to 79	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
	80 and over	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....
Totals		.....	.....	2	.....	6	.....	1	.....	3	1	1	2
Summary	10 to 19	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	1
	20 to 29	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	9	5
	30 to 39	1	.....	3	.....	4	.....	1	.....	5	.....	7	10
	40 to 49	1	5	2	.....	.....	.....	.....	.....	.....	.....	4	12
	50 to 59	4	3	11	.....	10	1	2	.....	5	4	7	10
	60 to 69	.....	9	11	2	14	.....	.....	.....	5	8	1	10
	70 to 79	5	9	13	5	29		4	11	11	1	13	13
	80 and over	5	12	13	2	31	1	2		7	4	1	15
Totals		17	29	46	12	103	4	9	39	28	27	68	

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AGE GROUPS, NEW JERSEY, 1937—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
1	1	1				1		1									
		1			2	4	1	2	2								1
					4	4		7	4						4		
					3	3		5	1								2
	3				3	2		4									2
	1							2	1						1		
6	2				12	14	1	21	8			4		2	5	1	5
		4	1	1		2			2			1					3
		1	7	1	1	2		9	3			4		1	1	1	4
		2	1	1	5	2		8	3			9			4		7
	1				5	11		12	2			14		1	3		
	4		2		4	6		11	4			11		1			16
		2			2	6		18	3			4		2	1		13
	1				1	3		11				2			1		11
					1	1		5	1						2		1
7	9	11	3	19	33			74	18		4	45		5	12	1	55
		1			2	4			1			1				1	1
		1			3	7			3			2		1	3	1	
			1		1	2		14	1			1		1	1	2	3
	1	1		2	12	13	1	25	2			3		2			3
	4	3	1		9	10		25	4			1		2	7		10
		1	1	1	3	3	2	14	1					3			4
				1	3	3		3									1
6	7	5	3	31	42	3		85	9		4	8	3	7	13	4	22
		8	2	1		3			2			5	1				5
	1	19	9	1	4	26	2	17	9			11	1	1	2	3	17
	5	10	4	2	22	57	3	58	15			1	20	2	5	14	13
	10	1	6	4	42	116		160	23			16	39	8	12	21	29
	29	10	8	6	60	142	11	316	37			11	54	12	22	32	102
	43	19	7	5	93	147	5	375	37			13	37	5	48	37	148
	29	7	7	9	80	100	8	269	16			7	11	3	26	25	4
	18	2			15	32	4	121	5			5	3	6	7	1	31
135	76	43	28	316	623	36	1316	144			53	180	32	120	138	36	475

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	.....	1	1	.....	1	.....
	20 to 29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1
	30 to 39	.....	1	2	.....	.....	.....	.....	1	.....	.....	.....	1	1
	40 to 49	.....	.....	.....	.....	2	.....	.....	1	.....	.....	1	2	2
	50 to 59	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
	60 to 69	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	1	.....	1
	70 to 79	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1
	80 and over	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals		.....	1	2	.....	3	2	2	2	1	1	2	5	4
Violent deaths (suicide excepted)	10 to 19	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	1
	20 to 29	.....	1	1	1	.....	.....	1	2	3	.....	.....	.....	7
	30 to 39	.....	1	1	.....	.....	.....	.....	1	2	.....	.....	1	9
	40 to 49	.....	.....	.....	1	1	.....	1	3	.....	.....	.....	.....	2
	50 to 59	.....	.....	.....	.....	2	.....	.....	1	.....	.....	.....	.....	5
	60 to 69	.....	.....	1	.....	.....	.....	.....	1	1	.....	3	1	5
	70 to 79	.....	.....	.....	.....	1	.....	.....	.....	1	.....	1	2	5
	80 and over	.....	.....	1	.....	.....	.....	.....	1	.....	.....	1	.....	1
Totals		.....	2	4	2	5	.....	2	9	8	.....	6	4	30
All other diseases and causes of death	10 to 19	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1
	20 to 29	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	2	4
	30 to 39	.....	1	1	.....	.....	.....	1	.....	1	.....	.....	2	5
	40 to 49	.....	.....	.....	2	1	.....	.....	.....	2	1	1	2	4
	50 to 59	.....	.....	2	.....	1	1	2	1	2	.....	2	4	9
	60 to 69	.....	1	.....	2	1	.....	2	.....	3	2	2	3	6
	70 to 79	.....	.....	1	.....	.....	1	.....	.....	1	.....	3	4	5
	80 and over	.....	.....	1	.....	2	.....	.....	.....	2	.....	.....	.....	.....
Totals		.....	2	6	4	5	4	5	1	11	3	8	17	34
Summary	10 to 19	.....	.....	.....	.....	.....	.....	1	.....	2	1	.....	.....	3
	20 to 29	.....	2	3	1	1	.....	4	5	7	1	1	18	31
	30 to 39	.....	4	12	2	2	1	4	8	12	1	6	13	42
	40 to 49	2	2	9	10	12	5	5	9	17	5	11	23	66
	50 to 59	5	2	12	12	27	8	12	9	13	7	18	24	105
	60 to 69	7	11	16	15	32	15	9	23	15	7	29	50	98
	70 to 79	7	10	8	7	20	3	7	15	16	6	20	54	67
	80 and over	1	3	3	4	24	7	2	8	7	5	17	33	31
Totals		23	34	63	51	118	39	44	80	89	33	102	215	443

BUREAU OF VITAL STATISTICS

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AGE GROUPS, NEW JERSEY, 1937—Continued

DOMESTIC AND PERSONAL SERVICE											CLERICAL OCCUPATIONS					Totals
Barbers, hairdressers and manicurists	Bartenders	Hotel keepers and managers	Housekeepers and stewards	Janitors and sextons	Laundrers 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	Totals
1			8			1			1	1	1	1	1	2		6
			18						3		2		3	4		46
		1	23			1	2		2	1	4			6	2	103
		2	16						1		1		1			120
			27	1					1				5	3	1	91
			7								1	1				32
			1								1					6
1	.....	3	102	1	.....	2	2	.....	9	2	10	2	10	15	3	511
			4			1			2	1	1	1		5	1	75
1		1	34			1			12	5	3	1		25	6	316
1	2	1	31	1	2		1	1	8	1	5		1	6	2	320
1	1	1	55	2	1	2	1		13	1	4		1	5	7	383
		1	71			1	1	1	7	1	8		1	5	7	399
2			100	3	1	2			3	2	3		2	12	1	383
3			128	2		1			1		3	2	2	3		278
		2	97	1							3		1			168
8	3	6	520	9	4	8	3	1	46	11	30	5	21	65	11	2322
			3						2	2				2	1	29
			59		1	1			7					11	2	172
3		2	95		1	2			9	4	6		4	8	2	252
3	2	4	191	1	2		1		23	5	7	2	4	6	1	430
4	1	1	275	3	1	3	2	3	19	1	7	1	6	5		613
5		3	361	4	1	4	1		16	3	8	1	4	12	2	716
1		3	252	2		1		1	6		4	1	3	2	2	456
			79	2							1			2	1	141
16	3	13	1315	12	6	11	4	4	82	15	30	6	21	48	11	2809
1			18	1	2	2			9	5	1	1		10	4	198
7		2	389	1	9	9		1	64	15	15	2	10	112	36	1443
13	5	10	714	2	11	5	5	1	77	14	25	8	27	98	26	2252
23	19	27	1524	21	11	12	14	6	136	24	36	10	49	126	22	4529
34	24	35	2299	32	26	27	20	10	144	23	86	10	77	151	22	6773
36	13	34	3229	54	21	28	15	6	131	16	70	6	67	179	38	8490
30	4	22	2969	48	5	19	7	6	61	6	54	10	47	101	16	6825
4		11	1407	17	1	5	2		14	1	17	2	21	24	7	2907
148	65	141	12549	176	86	107	63	30	636	104	304	49	298	801	171	33417

TABLE 22.—TABULATION OF DEATHS IN ATLANTIC COUNTY FOR 1937, 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	1667	879	788	366	65	10	5	2	4	86	14	31	50	86	190	301	399	324	163	23	...	
1	Typhoid and paratyphoid fever	2	1	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	
2	Typhus fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
3	Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
4	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
5	Scarlet fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
6	Whooping cough	1	...	1	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	
7	Diphtheria	1	1	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	
8	Influenza	20	7	13	6	...	...	1	...	...	1	...	1	1	2	3	3	7	1	1	...	...	
9	Plague	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
10	Tuberculosis of the respiratory system	72	46	26	30	...	...	...	...	...	1	...	4	12	9	16	17	8	3	3	...	...	
11	Other forms of tuberculosis	5	4	1	2	...	...	...	1	...	...	...	1	...	...	...	2	1	...	...	...	...	
12	Syphilis	23	14	9	14	6	...	...	...	...	6	...	1	1	4	4	3	2	1	1	...	...	
13	Malaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
14	Other infectious and parasitic diseases	9	4	5	1	...	...	...	...	...	...	1	1	1	...	3	2	1	...	...	...	...	
15	Cancer and other malignant tumors	213	92	121	35	1	...	...	...	1	2	...	...	...	7	31	55	55	37	23	3	...	
16	Tumors, nonmalignant, or of which the nature is not specified	8	3	5	1	...	...	...	...	...	...	...	1	...	1	2	2	...	2	...	...	...	
17	Chronic rheumatism and gout	5	2	3	...	...	...	...	...	...	...	...	...	...	...	...	1	2	...	2	...	...	
18	Diabetes mellitus	43	16	27	6	...	...	...	...	...	...	...	...	1	...	2	6	17	14	3	...	...	
19	Alcoholism (acute or chronic)	4	2	2	1	...	...	...	...	...	...	...	...	...	1	...	2	1	...	...	...	...	
20	Other general diseases and chronic poisonings	20	10	10	2	1	...	...	...	...	1	...	...	...	1	5	3	9	1	...	...	...	
21	Progressive locomotor ataxia and general paralysis of the insane	9	7	2	3	...	...	...	...	...	...	...	...	...	3	1	2	1	2	...	...	...	
22	Cerebral hemorrhage, cerebral embolism and thrombosis	141	66	75	27	...	...	...	...	...	...	...	1	1	1	11	21	53	41	10	2	...	

Rate per 1,000 population, 11.8.

TABULATION OF DEATHS IN ATLANTIC CITY FOR 1937, 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	984	527	457	300	39	3	2	2	2	48	6	20	30	62	131	184	240	174	79	10	...
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	11	4	7	6			1			1		1		2	2	1	3		1		
9	Plague																					
10	Tuberculosis of the respiratory system	40	35	14	24								3	6	6	11	12	7	2	2		
11	Other forms of tuberculosis	4	3	1	2						1		1				1	1				
12	Syphilis	20	11	9	12	5					5		1	1	4	3	3	2	1			
13	Malaria																					
14	Other infectious and parasitic diseases	7	4	3	1							1		1		3	1	1				
15	Cancer and other malignant tumors	98	41	57	26	1					1				4	20	28	21	15	9		
16	Tumors, nonmalignant, or of which the nature is not specified	4		4	1										1	1	1		1			
17	Chronic rheumatism and gout	3	2	1														2				
18	Diabetes mellitus	24	9	15	5									1		2	4	10	6	1		
19	Alcoholism (acute or chronic)	3	1	2	1										1		1	1				
20	Other general diseases and chronic poisonings	9	5	4	1											3	1	5				
21	Progressive locomotor ataxia and general paralysis of the insane	8	6	2	3										2	1	2	1	2			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	83	39	44	21								1	1	1	9	12	34	18	6	1	

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Total resident deaths, 984.

Rate per 1,000 population, 13.6.

TABULATION OF DEATHS IN BERGEN COUNTY FOR 1937, 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	3662	1914	1748	119	166	21	16	14	3	220	43	88	140	200	399	567	809	784	361	51	....	
1	Typhoid and paratyphoid fever	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	
2	Typhus fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
3	Smallpox .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
4	Measles	3	.....	3	.....	.....	.....	.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	
5	Scarlet fever	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	
6	Whooping cough	2	.....	2	.....	1	.....	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
7	Diphtheria	12	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
8	Influenza	29	14	15	.....	2	2	2	1	.....	7	1	3	.....	2	2	5	3	4	2	.....	.....	
9	Plague .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
10	Tuberculosis of the respiratory system	133	79	54	13	.....	2	.....	.....	.....	2	.....	8	30	24	26	20	14	8	1	.....	.....	
11	Other forms of tuberculosis	14	10	4	3	.....	.....	.....	1	.....	1	.....	3	2	1	3	.....	3	.....	.....	.....	.....	
12	Syphilis	27	21	6	4	1	.....	.....	.....	.....	1	.....	3	2	2	6	11	6	.....	1	.....	.....	
13	Malaria .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
14	Other infectious and parasitic diseases	9	7	2	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	2	1	.....	.....	.....	.....	
15	Cancer and other malignant tumors	487	237	250	3	.....	.....	1	.....	.....	1	.....	3	6	22	52	111	135	124	30	.....	.....	
16	Tumors, nonmalignant, or of which the nature is not specified	28	6	22	2	1	.....	.....	.....	.....	1	.....	.....	1	3	13	3	3	2	1	1	.....	
17	Chronic rheumatism and gout	7	1	6	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	2	1	2	.....	.....	
18	Diabetes mellitus	127	41	86	4	.....	.....	.....	.....	.....	.....	.....	1	1	2	7	20	46	41	8	1	.....	
19	Alcoholism (acute or chronic)	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	
20	Other general diseases and chronic poisonings	72	35	37	.....	7	.....	.....	1	.....	8	5	9	5	11	6	8	12	6	2	.....	.....	
21	Progressive locomotor ataxia and general paralysis of the insane	6	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	1	2	1	.....	.....	.....	.....	
22	Cerebral hemorrhage, cerebral embolism and thrombosis	260	114	146	8	.....	.....	.....	.....	.....	.....	.....	.....	1	1	24	38	68	84	40	4	.....	

23	Other diseases of the nervous system and of the organs of special sense	44	29	15	2	3	.....	2	.....	5	1	5	4	6	5	5	7	5	1	.....
24	Diseases of the heart	1088	587	501	32	2	.....	2	.....	2	2	9	19	31	94	158	293	315	146	19
25	Other diseases of the circulatory system	70	31	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	5	12	24	15	8
26	Bronchitis	10	4	6	.....	1	.....	1	.....	1	.....	2	1	.....	.....	.....	2	.....	3	1
27	Pneumonias	230	117	113	12	25	8	6	2	2	43	6	6	9	7	25	36	28	40	24
28	Other diseases of the respiratory system (tuberculosis excepted)	20	12	8	.....	1	1	.....	1	.....	3	.....	.....	6	2	3	4	2	.....	.....
29	Diarrhoea and enteritis	12	6	6	2	5	1	.....	.....	6	1	1	.....	.....	.....	1	1	1	.....	1
30	Appendicitis	59	32	27	.....	.....	.....	1	.....	1	5	9	4	10	10	10	4	4	2	.....
31	Diseases of the liver and biliary passages	73	32	41	2	.....	.....	.....	.....	.....	.....	1	6	18	12	22	9	5	.....	.....
32	Other diseases of the digestive system	98	66	32	3	1	2	.....	1	.....	4	3	1	7	13	12	15	22	15	6
33	Nephritis	235	102	133	8	.....	.....	.....	.....	.....	.....	2	4	11	27	34	63	54	38	2
34	Other diseases of the genitourinary system	33	22	11	1	2	.....	.....	.....	2	.....	1	3	1	9	8	8	1	.....	.....
35	Puerperal septicemia	8	.....	8	.....	.....	.....	.....	.....	.....	.....	1	2	4	1	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	5	.....	5	1	.....	.....	.....	.....	.....	.....	.....	3	2	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	9	4	5	1	1	.....	.....	.....	1	1	2	1	.....	3	1	.....	.....	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	114	58	56	6	111	2	1	.....	114	.....	.....	.....	.....	.....	.....	1	3	4	2
39	Senility	10	4	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
40	Suicide	60	45	15	.....	.....	.....	.....	.....	.....	.....	6	6	14	15	15	4	.....	.....	.....
41	Homicide	7	5	2	.....	1	.....	1	.....	2	.....	1	1	2	1	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	261	178	83	11	2	1	3	2	1	9	10	19	30	23	36	38	32	29	29
43	Cause of death not specified or ill-defined	5	5	1	.....	1	.....	.....	.....	1	.....	.....	1	.....	.....	1	1	1	.....	.....

Estimated population, 423,400.

Total resident deaths, 3,662.

Rate per 1,000 population, 8.6.

TABULATION OF DEATHS IN ENGLEWOOD CITY FOR 1937, 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	91	104	41	6	1	2			9	1	5	11	11	20	26	44	43	21	4	...
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	12	5	7	7								1	3	2	2	3		1			
11	Other forms of tuberculosis	2	2		1									1				1				
12	Syphilis	1		1	1												1					
13	Malaria																					
14	Other infectious and parasitic diseases	1		1												1						
15	Cancer and other malignant tumors	28	9	19	2								1			1	9	8	2	7		
16	Tumors, nonmalignant, or of which the nature is not specified	1		1	1										1							
17	Chronic rheumatism and gout	1		1																		
18	Diabetes mellitus	7	1	6	1												2	2	2	1		
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	17	7	10	2											1	2	3	5	4	2	...

Rate per 1,000 population, 9.7.

TABULATION OF DEATHS IN GARFIELD CITY FOR 1937, 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	213	123	90	1	16	2	3	2	1	24	3	8	10	10	39	43	38	27	11	.....	
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	4	2	2		1		1			2				1		1					
9	Plague																					
10	Tuberculosis of the respiratory system	11	6	5									1	2	2	3	2	1				
11	Other forms of tuberculosis																					
12	Syphilis	1	1														1					
13	Malaria																					
14	Other infectious and parasitic diseases																					
15	Cancer and other malignant tumors	30	21	9										1	1	7	8	6	7			
16	Tumors, nonmalignant, or of which the nature is not specified	3		3												3						
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	10	3	7											1	3	2	2	2			
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings..	6	3	3					1		1		2	1	2							
21	Progressive locomotor ataxia and general paralysis of the insane	1	1														1					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	12	3	9												3	2	5	1	1		

Rate per 1,000 population, 6.3.

TABULATION OF DEATHS IN HACKENSACK CITY FOR 1937, 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	282	135	147	36	11	5	1	1	....	18	4	4	10	13	31	46	72	46	29	9	....
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	2		2			1				1									1		
9	Plague																					
10	Tuberculosis of the respiratory system	13	5	8	2		1				1			1	1	4	4	2				
11	Other forms of tuberculosis																					
12	Syphilis	5	3	2	3											2	2			1		
13	Malaria																					
14	Other infectious and parasitic diseases																					
15	Cancer and other malignant tumors	34	14	20											1	6	4	9	13	1		
16	Tumors, nonmalignant, or of which the nature is not specified	1		1																	1	
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	7	3	4	1												2	3	2			
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings	6	3	3		1					1			1			1		1	2		
21	Progressive locomotor ataxia and general paralysis of the insane																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	27	8	19	5											3	6	6	6	5	1	

Rate per 1,000 population, 10.3.

Abridged International
List Number

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	125	71	2	5						5	1	6	5	13	21	28	37	51	27	2
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	6	4	12										12		2				2		
9	Plague																					
10	Tuberculosis of the respiratory system	10	8	2										12	1	1	1	2	1	2		
11	Other forms of tuberculosis	1	1											1		1						
12	Syphilis																					
13	Malaria																					
14	Other infectious and parasitic diseases	1	1																1			
15	Cancer and other malignant tumors	16	11	5													2		6	7	1	
16	Tumors, nonmalignant, or of which the nature is not specified	1		1												1						
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	4	2	2																3	1	
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings	3	1	2									1					1		1		
21	Progressive locomotor ataxia and general paralysis of the insane																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	14	13	1													3	2		5	3	1

TABULATION OF DEATHS IN BURLINGTON COUNTY FOR 1937, 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	1141	601	540	72	89	8	8	3	3	111	9	25	25	39	92	147	208	308	149	28	...
1	Typhoid and paratyphoid fever	2	2		1							1			1							
2	Typhus fever																					
3	Smallpox																					
4	Measles	2	1	1	1	1		1			2											
5	Scarlet fever																					
6	Whooping cough	3	1	2	1	1	1	1			3											
7	Diphtheria	1		1					1		1											
8	Influenza	23	12	11			3	1			4					1	2	2	8	5	1	
9	Plague																					
10	Tuberculosis of the respiratory system	40	20	20	1	1					1		3	5	3	10	7	7	3	1		
11	Other forms of tuberculosis																					
12	Syphilis	5	1	4	2	1					1				1		3					
13	Malaria																					
14	Other infectious and parasitic diseases	4	2	2	1	1		1			2							2				
15	Cancer and other malignant tumors	133	55	78	6								1		7	17	25	25	42	15	1	
16	Tumors, nonmalignant, or of which the nature is not specified	7		7									1	1		2		1	1	1		
17	Chronic rheumatism and gout	1		1																		
18	Diabetes mellitus	32	13	19	1								1			2	7	12	10			
19	Alcoholism (acute or chronic)	2	2		1												1		1			
20	Other general diseases and chronic poisonings	9	2	7		3					3			1		1	1	2	1			
21	Progressive locomotor ataxia and general paralysis of the insane	2	2		1										1	1						
22	Cerebral hemorrhage, cerebral embolism and thrombosis	62	30	32	9											6	9	18	21	4	4	...

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Rate per 1,000 population, 11.6.

TABULATION OF DEATHS IN BURLINGTON CITY FOR 1937, 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	153	78	75	12	12	1	2	...	...	15	2	4	4	8	11	17	23	46	18	5	...
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	3	1	2																		
9	Plague																1	1		1		
10	Tuberculosis of the respiratory system	7	4	3	1								1	2		3		1				
11	Other forms of tuberculosis																					
12	Syphilis																					
13	Malaria																					
14	Other infectious and parasitic diseases																					
15	Cancer and other malignant tumors	26	9	17											2		4	6	10	4		
16	Tumors, nonmalignant, or of which the nature is not specified	1		1																		
17	Chronic rheumatism and gout																		1			
18	Diabetes mellitus	3	1	2														2	1			
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	9	3	6	3											1	2	2	1	1	2	

Rate per 1,000 population, 13.3.

TABULATION OF DEATHS IN CAMDEN COUNTY FOR 1937, 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	3121	1642	1479	303	176	24	15	12	5	232	34	66	116	167	296	480	705	689	308	28	...	
1	Typhoid and paratyphoid fever	2	2										1	1									
2	Typhus fever																						
3	Smallpox																						
4	Measles																						
5	Scarlet fever	2	2					1		1	2												
6	Whooping cough	7	2	5	2	4			2		6	1											
7	Diphtheria	2	1	1			1				1		1										
8	Influenza	48	21	27	9	5	2	1			8	1	1	2	5	10	6	9	3	2	1		
9	Plague																						
10	Tuberculosis of the respiratory system	56	54	42	22	1					1		8	22	15	19	14	13	4				
11	Other forms of tuberculosis	10	6	4	6	1	1	1			3	1		2	1	2	1						
12	Syphilis	25	21	4	12	1					1			2	6	3	9	3	3				
13	Malaria																						
14	Other infectious and parasitic diseases	14	7	7	3		1				1	2		2	3	2		2	2				
15	Cancer and other malignant tumors	354	159	195	21							1	2	2	12	41	81	110	84	21			
16	Tumors, nonmalignant, or of which the nature is not specified	16	2	14	2								1	2	2	5	4	2					
17	Chronic rheumatism and gout	1		1													1						
18	Diabetes mellitus	94	33	61	4								1		1	5	24	26	34	3			
19	Alcoholism (acute or chronic)	7	4	3											2		3	2					
20	Other general diseases and chronic poisonings	48	14	34	5	7	1		3	1	12	2	2	3	3	7	11	4	4				
21	Progressive locomotor ataxia and general paralysis of the insane	12	9	3	4								1		4	1	3	3					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	211	116	95	19									3		13	41	64	64	23	3		

23	Other diseases of the nervous system and of the organs of special sense	37	24	13	4	.....	.....	2	.....	2	.....	4	8	4	2	5	4	5	1	2	.....
24	Diseases of the heart	964	497	467	61	.....	.....	1	.....	1	.....	1	5	13	25	90	152	253	264	147	13
25	Other diseases of the circulatory system	40	17	23	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	6	6	16	4	4
26	Bronchitis	9	2	7	.....	1	1	.....	2	.....	4	.....	.....	.....	.....	.....	1	1	1	2	.....
27	Pneumonias	187	103	84	25	32	10	2	1	2	47	3	3	8	20	20	18	29	25	12	2
28	Other diseases of the respiratory system (tuberculosis excepted)	11	7	4	1	1	1	.....	.....	2	.....	.....	.....	1	1	3	2	1	1	.....	.....
29	Diarrhoea and enteritis	16	10	6	3	11	1	.....	1	13	.....	1	.....	.....	.....	.....	.....	.....	2	.....	.....
30	Appendicitis	35	20	15	3	.....	1	.....	.....	1	.....	3	6	5	2	.....	.....	.....	2	1	.....
31	Diseases of the liver and biliary passages	32	28	24	2	.....	.....	.....	.....	6	.....	1	2	2	6	2	2	18	13	5	.....
32	Other diseases of the digestive system	54	38	16	4	5	1	.....	.....	1	.....	1	2	3	4	16	42	92	120	60	2
33	Nephritis	343	172	171	44	.....	1	.....	.....	1	.....	1	2	3	4	16	42	92	120	60	2
34	Other diseases of the genitourinary system	39	23	16	2	.....	.....	.....	.....	.....	.....	.....	2	9	2	8	8	8	2	.....	.....
35	Puerperal septicemia	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	8	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	1	4	3	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	6	4	2	1	.....	.....	.....	.....	.....	.....	.....	2	.....	1	2	.....	1	.....	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	102	63	39	16	101	1	.....	.....	102	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2
39	Senility	5	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Suicide	34	23	9	1	.....	.....	.....	.....	.....	.....	.....	7	6	5	7	2	2	1	.....	.....
41	Homicide	11	9	2	5	.....	.....	.....	.....	.....	.....	.....	3	3	2	.....	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	213	143	72	16	6	2	6	3	1	18	12	19	23	24	24	23	25	28	18	1
43	Cause of death not specified or ill-defined	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....

Estimated population, 275,700.

Total resident deaths, 3,121.

Rate per 1,000 population, 11.3.

TABULATION OF DEATHS IN CAMDEN CITY FOR 1937, 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	1497	809	688	200	93	13	7	7	2	122	13	34	70	108	163	234	313	309	117	14	....
1	Typhoid and paratyphoid fever	2	2										1	1								
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough	6	1	5	2	4			1		5	1										
7	Diphtheria	2	1	1			1				1		1									
8	Influenza	33	18	15	6	3		1			4	1	1	1	4	8	6	5	2	1		
9	Plague																					
10	Tuberculosis of the respiratory system	65	40	25	19	1					1		6	13	12	17	9	7				
11	Other forms of tuberculosis	5	3	2	3	1	1				2			1		1	1					
12	Syphilis	17	14	3	9	1								1	5	2	6	1	3			
13	Malaria																					
14	Other infectious and parasitic diseases	6	3	3	3							1			3	1		1				
15	Cancer and other malignant tumors																					
16	Tumors, nonmalignant, or of which the nature is not specified	153	76	77	13							1	1	1	7	12	35	51	40	5		
17	Chronic rheumatism and gout	10	1	9	1									2	2	2	2	2				
18	Diabetes mellitus	45	15	30	2										1	3	11	12	16	2		
19	Alcoholism (acute or chronic)	7	4	3											2	2	3	2				
20	Other general diseases and chronic poisonings	26	10	16	3	5			2		7	1	1	2	2	3	5	2	3			
21	Progressive locomotor ataxia and general paralysis of the insane	8	7	1	4										3	1	3	1				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	96	51	45	13										2		9	21	30	24	8	2

Rate per 1,000 population, 12.5.

TABULATION OF DEATHS IN GLOUCESTER CITY IN 1937, 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	188	101	87	.....	7	2	1	1	1	12	1	7	5	7	13	30	50	43	20	.....	.....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	3		3							1								2			
9	Plague																					
10	Tuberculosis of the respiratory system	6	5	1										2		1	2	1				
11	Other forms of tuberculosis																					
12	Syphilis	2	2																1			
13	Malaria			1																		
14	Other infectious and parasitic diseases	2	1	1										1		1						
15	Cancer and other malignant tumors	23	7	16												2	9	5	7			
16	Tumors, non-malignant, or of which the nature is not specified	3	1	2																		
17	Chronic rheumatism and gout												1			1	1					
18	Diabetes mellitus	6	2	4									1				2	1	2			
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	17	9	8										1			3	4	7	2		

Rate per 1,000 population, 13.0.

TABULATION OF DEATHS IN CAPE MAY COUNTY FOR 1937, 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	409	207	202	47	9	2	3	.....	.....	14	4	4	21	16	30	73	76	100	60	11	.....
1	Typhoid and paratyphoid fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	1	.....	1	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	2	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	6	2	4	12	.....	.....	1	.....	.....	1	.....	.....	.....	1	.....	2	.....	2	.....	.....	.....
9	Plague .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	11	9	2	3	.....	.....	.....	.....	.....	.....	.....	.....	3	1	2	5	.....	.....	.....	.....	.....
11	Other forms of tuberculosis	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
12	Syphilis	4	2	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....	.....
13	Malaria .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	52	24	28	6	.....	.....	.....	.....	.....	.....	.....	.....	1	2	2	12	10	20	5	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	14	5	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	5	4	1	.....	.....
19	Alcoholism (acute or chronic)	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings..	4	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2	.....	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	47	21	26	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	6	12	15	8	2	.....

23	Other diseases of the nervous system and of the organs of special sense	9	7	2	.....	.....	.....	.....	.....	1	.....	2	1	1	3	.....	1	.....	.....
24	Diseases of the heart	105	56	49	8	.....	.....	.....	.....	.....	.....	1	2	5	17	19	34	20	7
25	Other diseases of the circulatory system	9	6	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	3	2
26	Bronchitis	1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	Pneumonias	27	8	19	8	1	1	.....	.....	2	.....	3	.....	1	4	5	7	5	.....
28	Other diseases of the respiratory system (tuberculosis excepted) .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	Diarrhoea and enteritis	2	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....
30	Appendicitis	4	1	3	.....	.....	.....	.....	.....	.....	.....	1	.....	1	1	.....	.....	1	.....
31	Diseases of the liver and biliary passages	9	5	4	1	.....	.....	.....	.....	.....	.....	.....	1	1	3	1	2	2	.....
32	Other diseases of the digestive system	6	4	2	.....	.....	.....	.....	.....	1	.....	.....	1	1	1	2	1	.....	.....
33	Nephritis	42	20	22	3	.....	.....	.....	.....	.....	1	3	1	2	8	9	8	10	.....
34	Other diseases of the genitourinary system	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	8	3	5	.....	7	.....	1	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1
40	Suicide	7	6	1	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	3	.....	1	1	.....
41	Homicide	2	1	1	2	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	26	20	6	6	1	.....	.....	.....	1	.....	2	2	1	7	4	5	2	1
43	Cause of death not specified or ill-defined	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....

Estimated population, 33,300.

Total resident deaths, 409.

Rate per 1,000 population, 12.2.

TABULATION OF DEATHS IN CUMBERLAND COUNTY FOR 1937, ACCORDING IN 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	898	526	372	64	48	5	2	....	2	57	10	19	28	37	65	124	194	225	127	12	....
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	19	13	6	1	1	1				2	1	1		1	3		3	6	1	1	
9	Plague																					
10	Tuberculosis of the respiratory system	28	16	12	6								1	8	4	4	6	2	3			
11	Other forms of tuberculosis																					
12	Syphilis	6	4	2	3	1					1			1	1	2		1				
13	Malaria																					
14	Other infectious and parasitic diseases	8	7	1				1			1											
15	Cancer and other malignant tumors	92	51	41	6								2		1	1	1	1		1		
16	Tumors, nonmalignant, or of which the nature is not specified	3	2	1																		
17	Chronic rheumatism and gout	1		1											1	2						
18	Diabetes mellitus	27	11	16	1															1		
19	Alcoholism (acute or chronic)	3	3		2										1	1	7	5	11	2		
20	Other general diseases and chronic poisonings..	12	7	5		1					1				1			1	1			
21	Progressive locomotor ataxia and genera. paralysis of the insane	6	4	2	1											1	1	2		2		
22	Cerebral hemorrhage, cerebral embolism and thrombosis	79	38	41	3																	
																3	11	25	21	17	2	....

23	Other diseases of the nervous system and of the organs of special sense	10	7	3	.....	.....	1	.....	1	.....	3	.....	.....	2	2	1	1	.....
24	Diseases of the heart	294	171	123	16	.....	1	.....	.....	2	2	1	3	16	37	74	95	59
25	Other diseases of the circulatory system	18	10	8	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	6	9	.....
26	Bronchitis	2	1	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
27	Pneumonias	29	15	14	2	3	2	.....	5	1	2	2	1	2	4	3	7	2
28	Other diseases of the respiratory system (tuberculosis excepted)	6	5	1	1	.....	.....	.....	.....	.....	.....	3	.....	1	.....	2	.....	.....
29	Diarrhoea and enteritis	8	5	3	.....	3	1	.....	1	5	.....	1	1	.....	1	.....	1	.....
30	Appendicitis	10	4	6	.....	.....	.....	.....	.....	1	1	1	.....	4	2	1	.....	.....
31	Diseases of the liver and biliary passages	12	6	6	1	.....	.....	.....	.....	.....	.....	1	.....	3	6	1	1	.....
32	Other diseases of the digestive system	15	11	4	2	1	.....	1	2	1	.....	1	1	.....	4	2	4	.....
33	Nephritis	82	43	39	4	.....	.....	.....	.....	.....	1	.....	2	5	13	15	28	15
34	Other diseases of the genitourinary system	9	7	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2	2	2	.....
35	Puerperal septicemia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
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 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	37	22	15	5	37	.....	.....	37	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	7	2	5	1	.....	.....	.....	.....	.....	1	.....	1	.....	1	2	2	1
40	Suicide	15	12	3	.....	.....	.....	.....	.....	.....	1	2	2	1	6	3	.....	.....
41	Homicide	4	4	1	.....	.....	.....	.....	.....	1	3	.....	.....	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	54	44	19	4	.....	1	.....	1	2	3	6	11	8	4	7	7	5
43	Cause of death not specified or ill-defined .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Estimated population, 73,100.

Total resident deaths, 898.

Rate per 1,000 population, 12.2.

TABULATION OF DEATHS IN BRIDGETON CITY FOR 1937, 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	220	119	101	21	8	1			9	1	3	5	6	12	42	44	58	34	6		
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	3	2	1		1				1					1						1	
9	Plague																					
10	Tuberculosis of the respiratory system	6	3	3	2									2	1	3						
11	Other forms of tuberculosis																					
12	Syphilis	2	2		1								1				1					
13	Malaria																					
14	Other infectious and parasitic diseases	2	2					1		1												
15	Cancer and other malignant tumors	21	8	13	1											1	7	7	2	3		
16	Tumors, nonmalignant, or of which the nature is not specified	1		1											1							
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	8	2	6	1											2	1	4	1			
19	Alcoholism (acute or chronic)	2	2		2									1				1				
20	Other general diseases and chronic poisonings	2	1	1								1	1	1								
21	Progressive locomotor ataxia and general paralysis of the insane																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	21	11	10												4	6	7	3	1		

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TABULATION OF DEATHS IN MILLVILLE CITY FOR 1937, 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	193	116	77	2	14	1	1	.....	.....	16	3	6	5	6	19	27	49	41	18	3	.....
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	6	4	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	2	.....	1	2	.....	.....	.....
9	Plague .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	1	.....	.....	.....
11	Other forms of tuberculosis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Syphilis	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Malaria .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	15	9	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	4	4	3	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	5	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	2	1	.....	.....
19	Alcoholism (acute or chronic) .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	23	12	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	5	6	7	2	1

23	Other diseases of the nervous system and of the organs of special sense	2	1	1	.....	1	.....	1	.....	1	.....	1	.....	7	10	24	18	10	1	.....
24	Diseases of the heart	71	45	26	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	2	.....	.....
25	Other diseases of the circulatory system	3	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
26	Bronchitis	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
27	Pneumonias	7	2	5	.....	1	1	.....	2	.....	1	.....	1	1	1	.....	.....	1	.....	.....
28	Other diseases of the respiratory system (tuberculosis excepted)	2	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
29	Diarrhoen and enteritis	3	1	2	.....	2	.....	2	.....	.....	.....	.....	1	.....	2	.....	.....	.....	.....	.....
30	Appendicitis	3	1	2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	Diseases of the liver and biliary passages	3	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....
32	Other diseases of the digestive system	4	2	2	.....	1	.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
33	Nephritis	11	6	5	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	1	1	5	1	1
34	Other diseases of the genitourinary system	1	.....	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	10	4	6	.....	10	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Suicide	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Homicide	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	6	6	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....	2	.....	.....	.....	.....
43	Cause of death not specified or ill-defined .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Estimated population, 14,700.

Total resident deaths, 193.

Rate per 1,000 population, 13.1.

TABULATION OF DEATHS IN ESSEX COUNTY FOR 1937, 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	9199	4859	4340	975	384	63	38	37	22	544	84	220	410	607	1055	1546	2095	1767	745	126	...
1	Typhoid and paratyphoid fever	6	4	2	1									1	3	2						
2	Typhus fever	1	1																1			
3	Smallpox																					
4	Measles	23	14	9	12	5	9	2	2	2	20	3										
5	Scarlet fever	2	2		1					1	1	1										
6	Whooping cough	12	7	5	2	8		1	2	1	11						1					
7	Diphtheria	3	1	2							1	1	1									
8	Influenza	66	29	37	5	1	1		1	1	4	1	3	5	3	9	11	13	10	5	2	
9	Plague																					
10	Tuberculosis of the respiratory system	464	297	167	147	1	1		1		3	2	22	104	95	89	84	53	9	3		
11	Other forms of tuberculosis	47	22	25	25	3	2	1	3	1	10	4	8	7	5	4	5	3	1			
12	Syphilis	77	51	26	30	3					3		1	6	20	14	16	13	3	1		
13	Malaria																					
14	Other infectious and parasitic diseases	39	22	17	7		1	1	3		5	6	3	2	5	5	3	5	5			
15	Cancer and other malignant tumors	1239	549	690	69					1	1		9	11	64	162	287	366	253	75	11	
16	Tumors, nonmalignant, or of which the nature is not specified	58	21	37	7							1	2	9	10	20	10	4	2			
17	Chronic rheumatism and gout	8	4	4													1	1	5		1	
18	Diabetes mellitus	261	83	178	20				1		1		1	3	3	18	66	84	66	18	1	
19	Alcoholism (acute or chronic)	17	17		3									1	3	8	1	3	1			
20	Other general diseases and chronic poisonings	143	63	80	13	7	1	3	3	1	15	1	7	15	20	22	21	27	13	2		
21	Progressive locomotor ataxia and general paralysis of the insane	27	20	7	7									1	1	3	7	8	3	3	1	
22	Cerebral hemorrhage, cerebral embolism and thrombosis	610	261	349	50									1	5	13	46	97	193	166	75	14

23	Other diseases of the nervous system and of the organs of special sense	129	66	63	9	9	4	2	4	19	12	8	13	12	11	21	28	8	2	....
24	Diseases of the heart	2750	1448	1302	218	1	1	1	1	3	6	25	49	72	244	480	753	727	844	47
25	Other diseases of the circulatory system	178	84	94	19	1	1	1	1	1	1	2	2	4	12	28	34	51	37	8
26	Bronchitis	28	11	17	1	1	1	1	1	2	1	2	1	1	3	2	4	9	1	8
27	Pneumonias	502	347	245	81	63	20	10	6	1	11	15	25	44	75	84	115	80	34	9
28	Other diseases of the respiratory system (tuberculosis excepted)	69	45	24	12	2	3	2	1	8	3	2	4	6	11	16	9	5	4	1
29	Diarrhoea and enteritis	54	30	24	9	33	4	4	2	43	1	3	3	3	2	2	1	1	1	....
30	Appendicitis	149	80	69	11	10	3	3	2	8	12	23	10	20	31	22	12	9	2	....
31	Diseases of the liver and biliary passages	150	90	69	10	10	2	6	2	11	1	7	13	30	38	40	44	24	6	1
32	Other diseases of the digestive system	232	145	87	23	2	6	2	1	11	2	7	13	30	38	51	38	31	10	1
33	Nephritis	560	267	302	51	1	1	1	1	1	2	11	13	23	37	74	139	168	68	14
34	Other diseases of the genitourinary system	111	82	29	11	1	1	1	1	1	2	5	11	10	16	32	34	1	1	....
35	Puerperal septicemia	17	17	7	1	1	1	1	1	1	3	7	6	1	1	1	1	1	1	....
36	Other diseases of pregnancy, childbirth and the puerperal state	20	20	2	1	1	1	1	1	1	1	7	10	2	1	1	1	1	1	....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	26	19	7	3	3	1	1	1	4	3	4	2	4	1	5	1	2	1	....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	239	137	102	33	236	2	1	1	238	1	1	1	1	1	1	1	1	1	....
39	Senility	23	12	11	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	....
40	Suicide	143	102	41	5	1	1	1	1	1	3	16	39	29	29	17	7	3	1	....
41	Homicide	45	37	8	23	1	1	1	1	1	1	2	15	14	4	4	4	1	1	....
42	Violent and accidental deaths (suicide and homicide excepted)	562	388	174	54	6	7	5	6	7	13	51	51	58	82	65	98	66	39	8
43	Cause of death not specified or ill-defined	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	....

Estimated population, 902,300.

Total resident deaths, 9,199.

Rate per 1,000 population, 10.1.

TABULATION OF DEATHS IN BELLEVILLE TOWN FOR 1937, 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	259	137	122	9	14	2	1	1	1	19	4	11	8	20	20	29	50	56	20	4	....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	2	2		1											2						
9	Plague																					
10	Tuberculosis of the respiratory system	8	3	5	1								1	2	2		2	1				
11	Other forms of tuberculosis																					
12	Syphilis	1		1														1				
13	Malaria																					
14	Other infectious and parasitic diseases	1		1								1										
15	Cancer and other malignant tumors	15	20	15											3	5	5	10	7	4	1	....
16	Tumors, nonmalignant, or of which the nature is not specified	1		1												1						
17	Chronic rheumatism and gout	1	1																1			
18	Diabetes mellitus	6		6													2	3	1			
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings..	4	2	2									1					2	1			
21	Progressive locomotor ataxia and general paralysis of the insane																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	14	10	4										1			3	3	5	2		

Rate per 1,000 population, 8.2.

TABULATION OF DEATHS IN BLOOMFIELD TOWN FOR 1937, 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	394	204	190	12	11	4	2	4	1	22	3	10	16	21	40	67	81	86	39	9	....
1	Typhoid and paratyphoid fever	2	2										1	1								
2	Typhus fever																					
3	Smallpox																					
4	Measles	1	1						1		1											
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	2	1	1					1		1											1
9	Plague																					
10	Tuberculosis of the respiratory system	12	7	5	2									5	1	2	1	2	1			
11	Other forms of tuberculosis	1		1									1									
12	Syphilis	3	1	2	2										2			1				
13	Malaria																					
14	Other infectious and parasitic diseases	2	2						1		1					1						
15	Cancer and other malignant tumors	56	26	30	1								2	1	2	9	12	11	14	4	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	11	2	9										1		2	2					
19	Alcoholism (acute or chronic)	1	1													1						
20	Other general diseases and chronic poisonings..	6	3	3		1	1				2			1	2	1						
21	Progressive locomotor ataxia and general paralysis of the insane																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	31	14	17	1										1	4	4	9	7	5	1	

23	Other diseases of the nervous system and of the organs of special sense	6	1	5	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	3	.....	.....	.....	.....
24	Diseases of the heart	108	61	47	2	.....	.....	.....	.....	.....	1	1	1	3	4	25	24	30	15	4
25	Other diseases of the circulatory system	8	2	6	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	3	3	1	.....
26	Bronchitis	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....
27	Pneumonias	14	7	7	1	1	1	.....	.....	2	.....	.....	4	.....	2	3	1	2	.....	.....
28	Other diseases of the respiratory system (tuberculosis excepted)	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
29	Diarrhoea and enteritis	3	2	1	.....	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
30	Appendicitis	9	5	4	.....	.....	.....	.....	.....	.....	1	.....	1	2	4	.....	.....	1	.....	.....
31	Diseases of the liver and biliary passages	9	4	5	.....	.....	.....	.....	.....	.....	.....	.....	2	1	4	.....	2	.....	.....	.....
32	Other diseases of the digestive system	8	4	4	.....	.....	.....	.....	.....	.....	1	.....	2	2	.....	.....	2	1	.....	.....
33	Nephritis	37	15	22	1	.....	.....	.....	.....	.....	1	.....	1	2	3	7	14	7	2	.....
34	Other diseases of the genitourinary system	7	6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	2	.....	.....	.....
35	Puerperal septicemia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
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	6	3	3	.....	6	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
40	Suicide	5	5	.....	.....	.....	.....	.....	.....	.....	.....	1	2	2	.....	.....	.....	.....	.....	.....
41	Homicide .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	38	26	12	1	1	2	2	1	1	7	.....	3	5	1	6	6	4	5	1
43	Cause of death not specified or ill-defined .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Estimated population, 44,200.

Total resident deaths, 394.

Rate per 1,000 population, 8.9.

TABULATION OF DEATHS IN EAST ORANGE CITY FOR 1937, 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	756	352	404	77	20	2	5	3	2	32	6	13	23	36	62	118	175	182	94	15	...
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		2				1	1		2											
7	Diphtheria	1	1										1									
8	Influenza	15	6	9	2						1	1	1		2	3	1	3		3	1	
9	Plague																					
10	Tuberculosis of the respiratory system	23	16	7	9								2	3	7	2	5	3		1		
11	Other forms of tuberculosis	1		1	1							1					5					
12	Syphilis	4	4		1										1		1	1	1			
13	Malaria																					
14	Other infectious and parasitic diseases	2	1	1									1						1			
15	Cancer and other malignant tumors	129	46	83	7									1	7	12	26	32	35	13	3	
16	Tumors, nonmalignant, or of which the nature is not specified	5	1	4	1										1		4					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	24	9	15	3												5	3	12	3		
19	Alcoholism (acute or chronic)	2	2														1	1				
20	Other general diseases and chronic poisonings	16	6	10	4				1	1	2		2	2	1	2	2	2	1	2		
21	Progressive locomotor ataxia and general paralysis of the insane	2	2		2								1			1						
22	Cerebral hemorrhage, cerebral embolism and thrombosis	70	21	49	8											3	9	25	23	9	1	

23	Other diseases of the nervous system and of the organs of special sense	11	9	2	2	.....	.....	.....	.....	.....	2	2	.....	5	1	1	.....	.....	
24	Diseases of the heart	233	114	119	16	.....	.....	.....	.....	.....	1	4	.....	15	28	67	69	42	7
25	Other diseases of the circulatory system	14	7	7	1	.....	.....	.....	.....	.....	.....	.....	.....	1	3	2	6	2	.....
26	Bronchitis	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1
27	Pneumonias	41	24	17	5	5	1	2	.....	8	1	.....	3	4	5	9	6	4	1
28	Other diseases of the respiratory system (tuberculosis excepted)	5	4	1	1	.....	1	.....	.....	1	.....	.....	.....	1	1	.....	1	1	.....
29	Diarrhoea and enteritis	2	2	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....
30	Appendicitis	8	3	5	.....	.....	.....	.....	.....	.....	1	2	.....	1	2	1	1	.....	.....
31	Diseases of the liver and biliary passages	14	9	5	1	.....	.....	.....	.....	.....	.....	1	.....	3	4	4	2	.....	.....
32	Other diseases of the digestive system	14	5	9	.....	.....	1	.....	.....	1	.....	1	.....	2	3	5	2	.....	.....
33	Nephritis	30	12	18	4	.....	.....	.....	.....	.....	.....	.....	.....	3	6	9	10	2	.....
34	Other diseases of the genitourinary system	6	2	4	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2	2	.....	.....	.....
35	Puerperal septicemia	1	.....	1	1	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....
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	6	4	2	1	1	.....	1	.....	2	.....	.....	2	.....	2	.....	.....	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	13	5	8	3	13	.....	.....	.....	13	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	3	1	2	.....	.....	.....	.....	.....	.....	.....	2	3	.....	.....	.....	1	1	1
40	Suicide	14	10	4	.....	.....	.....	.....	.....	.....	.....	2	3	3	4	.....	2	.....	.....
41	Homicide	2	1	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	36	23	13	3	.....	.....	1	.....	1	1	5	3	3	5	3	4	2	9
43	Cause of death not specified or ill-defined .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Estimated population, 74,600.

Total resident deaths, 756.

Rate per 1,000 population, 10.1.

Estimated population, 74,600.

Total resident deaths, 756.

Rate per 1,000 population, 10.1.

TABULATION OF DEATHS IN IRVINGTON TOWN FOR 1937, 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	505	266	239	2	14	4	1	2	...	21	4	8	11	29	57	90	131	102	46	6	...
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	1	6												3	3	1				
9	Plague																					
10	Tuberculosis of the respiratory system	19	7	12										2	5	5	3	4				
11	Other forms of tuberculosis	1		1	1								1									
12	Syphilis	4	4												2		1	1				
13	Malaria																					
14	Other infectious and parasitic diseases	1		1															1			
15	Cancer and other malignant tumors	68	32	36									1	1	2	10	17	21	11	4	1	
16	Tumors, nonmalignant, or of which the nature is not specified	4	1	3												4						
17	Chronic rheumatism and gout	1	1													1						
18	Diabetes mellitus	16	2	14									1			1	2	8	2	2		
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings	6	4	2		1					1				2		1	2				
21	Progressive locomotor ataxia and general paralysis of the insane	2	2													2						
22	Cerebral hemorrhage, cerebral embolism and thrombosis	26	11	15											1	2	6	6	5	5	1	

Rate er 1,000 population, 7.3.

TABULATION OF DEATHS IN MONTCLAIR TOWN FOR 1937, 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	501	247	254	80	22	1	2	1	....	26	1	11	27	31	50	66	108	110	60	11	....
1	Typhoid and paratyphoid fever .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	Typhus fever .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Smallpox .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Measles	2	2	....	....	1	....	1	....	....	2	....	....	....	....	....	....	....	....	....	....	....
5	Scarlet fever .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6	Whooping cough .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	Diphtheria	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8	Influenza	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
9	Plague .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	17	13	4	7	....	....	....	....	....	....	....	....	9	1	3	1	....	....	....	....	....
11	Other forms of tuberculosis	3	2	1	1	1	....	....	....	....	1	....	....	1	....	....	2	....	....	....	....	....
12	Syphilis	2	1	1	2	....	....	....	....	....	....	....	....	1	1	....	....	1	....	....	....	....
13	Malaria .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	2	1	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....
15	Cancer and other malignant tumors	71	31	40	7	....	....	....	....	....	....	....	1	2	3	5	14	18	18	8	2	....
16	Tumors, nonmalignant, or of which the nature is not specified	6	2	4	2	....	....	....	....	....	....	....	....	3	....	1	1	1	....	....	....	....
17	Chronic rheumatism and gout	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18	Diabetes mellitus	15	3	12	4	....	....	....	....	....	....	....	....	....	1	3	1	3	5	2	....	....
19	Alcoholism (acute or chronic)	1	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
20	Other general diseases and chronic poisonings	10	7	3	2	....	....	....	....	....	....	....	....	1	....	1	3	4	1	....	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	3	2	1	1	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	36	11	25	4	....	....	....	....	....	....	....	....	....	1	3	3	10	11	8	....	....

Rate per 1,000 population, 10.6.

TABULATION OF DEATHS IN NEWARK CITY FOR 1937, 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	5193	2884	2309	698	248	43	21	20	13	345	44	140	272	391	650	892	1182	898	331	48	....
1	Typhoid and paratyphoid fever																					
2	Typhus fever	1	1																1			
3	Smallpox																					
4	Measles	17	9	8	1	4	9	1	1	1	16	1										
5	Scarlet fever	1	1		1					1	1											
6	Whooping cough	8	5	3	2	7				1	8											
7	Diphtheria	1		1								1										
8	Influenza	28	13	15	2		1				1		2	3	1	3	5	5	6	2		
9	Plague																					
10	Tuberculosis of the respiratory system	310	207	103	109	1	1				2		17	66	65	66	56	31	6	1		
11	Other forms of tuberculosis	34	18	16	19	2	2	1	2	1	8	2	6	6	3	3	5	1				
12	Syphilis	55	34	21	23	3					3		1	5	12	12	12	7	2	1		
13	Malaria																					
14	Other infectious and parasitic diseases	23	14	9	7		1	1	1		3	3	1	2	5	3	2	2	2			
15	Cancer and other malignant tumors	656	318	338	47					1	1		4	5	39	83	160	214	121	28	1	
16	Tumors, nonmalignant, or of which the nature is not specified	27	10	17	4								2	6	6	10	2		1			
17	Chronic rheumatism and gout	5	1	4															4		1	
18	Diabetes mellitus	148	59	89	12				1		1			1	2	12	42	51	33	5	1	
19	Alcoholism (acute or chronic)	10	10		3									1	2	5		1	1			
20	Other general diseases and chronic poisonings	73	34	39	6	5		1	1		7	1	3	9	12	11	11	11	8			
21	Progressive locomotor ataxia and general paralysis of the insane	16	11	5	4									1	3	3	5	2	2			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	302	138	164	30								1	4	8	28	53	93	80	29	6	....

BUREAU OF VITAL STATISTICS

TABULATION OF DEATHS IN NUTLEY TOWN FOR 1937, 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	159	91	68	6	7	1	1	1	2	12	6	3	7	8	17	27	31	33	11	4	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	1	1									1										
5	Scarlet fever																					
6	Whooping cough	1	1			1					1											
7	Diphtheria																					
8	Influenza	1	1			1					1											
9	Plague																					
10	Tuberculosis of the respiratory system	7	3	4	1								1	3	1		1		1			
11	Other forms of tuberculosis																					
12	Syphilis	1		1														1				
13	Malaria																					
14	Other infectious and parasitic diseases	2	1	1																		
15	Cancer and other malignant tumors	17	8	9	1										1	4	3	5	2	2		
16	Tumors, nonmalignant, or of which the nature is not specified	3	1	2												2		1				
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	5	2	3													2	2		1		
19	Alcoholism (acute or chronic)																					
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	6	3	3												1	1	3	1			

Total resident deaths, 159.

Rate per 1,000 population, 6.4.

TABULATION OF DEATHS IN ORANGE CITY FOR 1937, 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	372	164	208	75	18	....	1	5	1	25	4	7	21	24	39	59	85	67	36	5	....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	1		1	1					1	1											
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	3	2	1										1			1		1			
9	Plague																					
10	Tuberculosis of the respiratory system	27	16	11	17				1		1	2		8	6	1	5	4				
11	Other forms of tuberculosis	4	1	3	3				1		1		1									
12	Syphilis	2	2		2										2	2						
13	Malaria																					
14	Other infectious and parasitic diseases																					
15	Cancer and other malignant tumors	43	8	35	5									1		8	10	12	8	4		
16	Tumors, nonmalignant, or of which the nature is not specified	1		1											1							
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	12	1	11	1												5	5	2			
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings	7	2	5	1				1		1		1	1	1	1		2				
21	Progressive locomotor ataxia and general paralysis of the insane																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	37	11	26	6										1		7	13	9	5	2	

Rate per 1,000 population.

TABULATION OF DEATHS IN SOUTH ORANGE VILLAGE FOR 1937, 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	150	74	76	8	4	1				5	3	4	3	8	19	33	29	31	11	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	3	2	1											1		2					
11	Other forms of tuberculosis	1		1																		
12	Syphilis															1						
13	Malaria																					
14	Other infectious and parasitic diseases	2	1	1								1	1									
15	Cancer and other malignant tumors	26	10	16	1								1		1	6	7	5	5	1		
16	Tumors, nonmalignant, or of which the nature is not specified	2	2												1			1				
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	2	1	1													1		1			
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings	3		3											1			1	1			
21	Progressive locomotor ataxia and general paralysis of the insane																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	15	6	9	1												1	6	5	2	1	

Rate per 1,000 population, 9.3.

TABULATION OF DEATHS IN WEST ORANGE TOWN FOR 1937, 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	233	118	115	2	11	1	2	....	1	15	1	2	9	8	20	43	52	61	22	....	....
1	Typhoid and paratyphoid fever	1	1											1								
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough	1	1														1					
7	Diphtheria																					
8	Influenza	1		1																		
9	Plague																	1				
10	Tuberculosis of the respiratory system	10	6	4	1									1	2	1	3	3				
11	Other forms of tuberculosis	1		1																		
12	Syphilis	1	1														1		1			
13	Malaria																1					
14	Other infectious and parasitic diseases																					
15	Cancer and other malignant tumors	34	11	23												4	8	9	10	3		
16	Tumors, nonmalignant, or of which the nature is not specified	1		1													1					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	6	1	5													1	2	2	1		
19	Alcoholism (acute or chronic)	1	1																			
20	Other general diseases and chronic poisonings ..	5	1	4				1			1					1						
21	Progressive locomotor ataxia and genera paralysis of the insane															2	1	1				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	28	13	15												1	2	10	12	3	....	....

23	Other diseases of the nervous system and of the organs of special sense	6	3	3	1						1	1	1			2		1		
24	Diseases of the heart	62	32	30	1							1	1	2	5	10	14	21	9	
25	Other diseases of the circulatory system	4	2	2												2		1		
26	Bronchitis	1		1														1		
27	Pneumonias	9	6	3		1				1						1	5	2		
28	Other diseases of the respiratory system (tuberculosis excepted)	1	1															1		
29	Diarrhoea and enteritis	3	3			1	1			2			1							
30	Appendicitis	2		2								1				1				
31	Diseases of the liver and biliary passages	3	2	1												2		1		
32	Other diseases of the digestive system	7	3	4			1			1			1	1		1	1	2	3	
33	Nephritis	10	11	8												2	4	5		
34	Other diseases of the genitourinary system	1		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	2	2										1				1			
38	Congenital debility and malformations, premature birth and other diseases of early infancy	9	6	3		9				9										
39	Senility																			
40	Suicide	3	3									1				1			1	
41	Homicide																			
42	Violent and accidental deaths (suicide and homicide excepted)	11	8	3					1	1			1	1	2	3	1		2	
43	Cause of death not specified or ill-defined																			

Estimated population, 27,600.

Rate per 1,000 population, 8.4.

Total resident deaths, 233.

TABULATION OF DEATHS IN GLOUCESTER COUNTY FOR 1937, 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	847	457	390	91	50	5	4	3	....	62	8	16	28	37	77	115	163	210	120	11	....
1	Typhoid and paratyphoid fever	1	1										1									
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough	1		1			1				1											
7	Diphtheria															3	2		1	1		
8	Influenza	10	5	5	2	2			1		3											
9	Plague													6	8	4	9	5	4	1		
10	Tuberculosis of the respiratory system	37	18	19	7																	
11	Other forms of tuberculosis	4	1	3	2								1	1	1		1					
12	Syphilis	4	4		2													2	1			
13	Malaria																					
14	Other infectious and parasitic diseases	3	1	2	2									1	1		1					
15	Cancer and other malignant tumors	92	49	43	5										2	12	16	21	32	9		
16	Tumors, nonmalignant, or of which the nature is not specified	3	1	2	1									1		1	1					
17	Chronic rheumatism and gout	1		1																1		
18	Diabetes mellitus	20	5	15	1								1			1	2	7	6	3		
19	Alcoholism (acute or chronic)	2	2														1					
20	Other general diseases and chronic poisonings	12	5	7	2	5					3	1		1		3	1	1	1			
21	Progressive locomotor ataxia and general paralysis of the insane	4	4														2		1	1		
22	Cerebral hemorrhage, cerebral embolism and thrombosis	82	37	45	7									1		6	9	19	31	15	1	....

Rate per 1,000 population, 10.6.

TABULATION OF DEATHS IN HUDSON COUNTY FOR 1937, 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	7241	3921	3320	269	328	47	26	16	17	434	72	156	319	440	927	1334	1686	1366	448	59	...
1	Typhoid and paratyphoid fever	2	2				1				1			1								
2	Typhus fever																					
3	Smallpox																					
4	Measles	4	3	1	1	1			1	1	3	1										
5	Scarlet fever	2		2						1	1	1										
6	Whooping cough	4		4	1	3	1				4											
7	Diphtheria	9	8	1		1		3	1	1	6	1	1									
8	Infuenza	55	32	23		5	1	1			7			2	2	7	11	13	7	6		
9	Plague																					
10	Tuberculosis of the respiratory system	346	223	123	39							1	18	81	76	88	49	17	16			
11	Other forms of tuberculosis	31	19	12	3	2	1		1		4	1	4	8	1	5	4					
12	Syphilis	40	32	8	8								1	1	2	5	16	10	5			
13	Malaria																					
14	Other infectious and parasitic diseases	48	25	23	6	7	3		1	1	12	4	4	6	10	2	6	3	1			
15	Cancer and other malignant tumors	929	444	485	22		1			2	3	2	2	6	27	133	239	285	190	37	5	
16	Tumors, nonmalignant, or of which the nature is not specified	44	12	32	2		1				1		2	7	5	11	10	5	2	1		
17	Chronic rheumatism and gout	9	3	6								1				1		3	3	1		
18	Diabetes mellitus	222	63	159	5								2	1	6	21	50	89	45	8		
19	Alcoholism (acute or chronic)	19	15	4										2	5	4	3	5				
20	Other general diseases and chronic poisonings	106	51	55	3	4					4	4	9	15	11	15	18	18	10	2		
21	Progressive locomotor ataxia and general paralysis of the insane	37	31	6	2																	
22	Cerebral hemorrhage, cerebral embolism and thrombosis	508	236	272	24							1	1	4	4	47	99	172	123	49	8	

23	Other diseases of the nervous system and of the organs of special sense	97	57	40	4	6	2	4	1	1	14	3	5	10	12	19	17	5	11	1	....
24	Diseases of the heart	2373	1326	1047	64	....	....	....	....	....	1	7	27	51	97	251	451	653	606	205	25
25	Other diseases of the circulatory system	121	58	63	5	1	....	....	....	....	1	....	....	1	1	5	19	32	30	29	3
26	Bronchitis	11	6	5	....	2	....	....	....	....	2	....	....	2	1	3	....	2	1	....	....
27	Pneumonias	503	282	221	26	52	22	8	4	4	90	7	13	25	46	57	78	81	80	19	7
28	Other diseases of the respiratory system (tuberculosis excepted)	39	25	14	1	1	2	1	1	1	6	....	2	3	3	7	10	7	1	....	....
29	Diarrhoea and enteritis	35	14	21	1	17	....	1	....	....	18	3	1	1	....	2	3	1	2	4	....
30	Appendicitis	86	41	45	2	....	....	2	2	1	5	5	12	9	12	18	13	8	2	2	....
31	Diseases of the liver and biliary passages....	132	72	60	....	....	....	....	....	....	....	....	4	9	30	31	39	18	1	....	....
32	Other diseases of the digestive system	183	114	69	5	3	2	3	1	....	9	5	6	6	16	36	40	41	18	6	....
33	Nephritis	359	174	185	9	....	....	....	....	1	1	1	4	13	19	37	66	83	93	34	6
34	Other diseases of the genitourinary system ...	98	56	42	4	1	....	....	....	....	1	....	2	6	13	15	8	23	24	5	1
35	Puerperal septicemia	8	....	8	1	....	....	....	....	....	....	....	....	1	2	5	....	....	....	....	....
36	Other diseases of pregnancy, childbirth and the puerperal state	15	....	15	2	....	....	....	....	....	....	....	....	8	5	2	....	....	....	....	....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	15	8	7	....	2	....	....	....	2	....	1	2	1	....	5	3	....	1	....	....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	217	122	95	9	214	3	....	....	217	....	....	....	....	....	....	....	....	....	....	....
39	Senility	5	1	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	3	1
40	Suicide	70	56	14	2	....	....	....	....	....	....	....	2	3	17	16	11	13	7	1	....
41	Homicide	10	7	3	1	....	....	....	....	....	....	....	2	2	4	1	1	....	....	....	....
42	Violent and accidental deaths (suicide and homicide excepted)	446	302	144	16	5	7	3	3	3	21	23	31	38	30	71	66	66	64	33	3
43	Cause of death not specified or ill-defined	3	1	2	1	1	....	....	....	....	1	....	....	....	....	....	1	1	....	....	....

Estimated population, 714,100.

Total resident deaths, 7,241.

Rate per 1,000 population, 10.1.

TABULATION OF DEATHS IN BAYONNE CITY FOR 1937, 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	730	405	325	25	46	2	7	1	2	58	10	18	36	51	108	142	152	124	28	3	....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	6	4	2		1					1		1									
9	Plague															1	1			3		
10	Tuberculosis of the respiratory system	36	25	11	4								2	11	8	8	3	1	3			
11	Other forms of tuberculosis	5	2	3		1					1		1	2		1						
12	Syphilis	1	1														1					
13	Malaria																1					
14	Other infectious and parasitic diseases	5	4	1	1																	
15	Cancer and other malignant tumors	90	43	47	3							1	1		2	17	23	30	16	1		
16	Tumors, nonmalignant, or of which the nature is not specified	8	3	5	1									2	1		2	3				
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	22	6	16	1											2	7	7	6			
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings..	13	10	3	1							1		3		3	3	1	2			
21	Progressive locomotor ataxia and general paralysis of the insane	1		1												1						
22	Cerebral hemorrhage, cerebral embolism and thrombosis	63	32	31	2								1	1		9	15	25	9	3		

23	Other diseases of the nervous system and of the organs of special sense	10	7	3	1	1	1	3	1	1	3	29	54	47	55	15	2	1	1
24	Diseases of the heart	213	119	94	4	1	1	1	1	1	1	7	29	54	47	55	15	2	1
25	Other diseases of the circulatory system	9	6	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	Bronchitis	50	34	22	1	9	1	1	1	1	1	1	1	1	1	1	1	1	1
27	Pneumonias	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	Other diseases of the respiratory system (tuberculosis excepted)	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	Diarrhoea and enteritis	15	7	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	Appendicitis	18	8	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	Diseases of the liver and biliary passages	17	10	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32	Other diseases of the digestive system	35	20	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
33	Nephritis	12	8	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34	Other diseases of the genitourinary system	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35	Puerperal septicemia	4	4	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	32	16	16	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	8	5	3	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	40	29	11	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
39	Senility	5	3	4	2	8	4	8	4	8	4	8	4	8	4	8	4	8	4
40	Suicide	5	3	4	2	8	4	8	4	8	4	8	4	8	4	8	4	8	4
41	Homicide	5	3	4	2	8	4	8	4	8	4	8	4	8	4	8	4	8	4
42	Violent and accidental deaths (suicide and homicide excepted)	5	3	4	2	8	4	8	4	8	4	8	4	8	4	8	4	8	4
43	Cause of death not specified or ill-defined	5	3	4	2	8	4	8	4	8	4	8	4	8	4	8	4	8	4

Estimated population, 93,600.

Total resident deaths, 730.

Rate per 1,000 population, 7.7.

TABULATION OF DEATHS IN HARRISON TOWN FOR 1937, 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	159	83	76	.....	4	3	.....	1	.....	8	3	7	4	11	26	29	27	37	7	.....	.....
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	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
9	Plague .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	9	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	3	2	.....	1	.....	.....	.....
11	Other forms of tuberculosis	3	1	2	.....	.....	1	.....	.....	.....	1	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....
12	Syphilis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Malaria .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	3	1	2	.....	1	1	.....	.....	.....	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	21	8	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	2	8	6	3	.....	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	4	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	3	.....	.....
19	Alcoholism (acute or chronic)	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	10	6	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	4	2	.....	.....	.....

Total resident deaths, 159.

Rate per 1,000 population, 10.1.

TABULATION OF DEATHS IN HOBOKEN CITY FOR 1937, 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	691	405	283	6	27	3				30	4	17	28	33	90	163	157	128	39	2	
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	3		3											1	1		1				
9	Plague																					
10	Tuberculosis of the respiratory system	39	32	7	1								2	8	4	11	9	4	1			
11	Other forms of tuberculosis	3	2	1										1	1			1				
12	Syphilis	8	7	1									1			1	5	1				
13	Malaria																					
14	Other infectious and parasitic diseases	2	1	1											1		1					
15	Cancer and other malignant tumors	67	35	32												8	24	19	14	1	1	
16	Tumors, nonmalignant, or of which the nature is not specified	4		4											1	1	2					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	24	4	20	1										1	2	5	9	6	1		
19	Alcoholism (acute or chronic)	3	2	1														1				
20	Other general diseases and chronic poisonings	14	7	7	1							1	1	3	4	2	1	1		1		
21	Progressive locomotor ataxia and general paralysis of the insane	5	5										1				2	1	1			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	51	28	23	1												3	16	14	14	4	

Rate per 1,000 population, 11.6.

TABULATION OF DEATHS IN JERSEY CITY FOR 1937, 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	3525	1877	1658	223	152	22	17	10	4	205	32	74	176	229	442	646	827	660	205	39	...	
1	Typhoid and paratyphoid fever	2	2				1				1			1									
2	Typhus fever																						
3	Smallpox																						
4	Measles	2	1	1	1	1					1	1											
5	Scarlet fever	1																					
6	Whooping cough	3		3	1	2	1				3												
7	Diphtheria	6	5	1				2	1	1	4	1				1							
8	Influenza	33	18	15		3	1	1			5			2	1	2	8	7	4	4			
9	Plague																						
10	Tuberculosis of the respiratory system	185	112	73	32						2	1	11	50	40	43	26	8	6				
11	Other forms of tuberculosis	10	6	4	3	1				1		1	1	3		1		2					
12	Syphilis	23	17	6	8									1	2	4	5	7	4				
13	Malaria																						
14	Other infectious and parasitic diseases	26	9	17	5	4	2				6	2	2	6	4	1	3	2					
15	Cancer and other malignant tumors	448	223	225	18								1	3	15	67	107	140	94	17	4		
16	Tumors, nonmalignant, or of which the nature is not specified	17	1	16	1									1	1	1	8	4	1	1			
17	Chronic rheumatism and gout	5	1	4														1					
18	Diabetes mellitus	95	30	65	3								1	1	2	10	22	38	16	5			
19	Alcoholism (acute or chronic)	12	9	3										1	1	4	3	3					
20	Other general diseases and chronic poisonings	41	16	25	1	3					3	2	2	5	3	5	9	6	5	1			
21	Progressive locomotor ataxia and general paralysis of the insane	20	15	5	2								1	1	3	2	5	5	3				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	241	97	144	20									1	4	20	46	79	59	26	6		

23	Other diseases of the nervous system and of the organs of special sense	51	32	19	3	3	1	2	1	7	2	3	5	5	12	10	3	4	...	...
24	Diseases of the heart	1185	656	529	52	...	...	...	...	...	4	11	31	56	117	228	342	292	88	16
25	Other diseases of the circulatory system	59	24	35	4	1	...	...	...	1	...	...	...	1	3	7	17	12	16	2
26	Bronchitis	6	5	1	...	1	...	...	...	1	...	...	...	2	1	1	...	1	...	...
27	Pneumonias	244	128	116	25	21	10	6	2	1	40	3	5	15	24	28	34	42	39	10
28	Other diseases of the respiratory system (tuberculosis excepted)	15	7	8	1	...	1	...	1	...	2	...	...	3	1	2	5	2	...	...
29	Diarrhoea and enteritis	21	8	13	1	11	...	1	...	12	2	1	...	...	...	...	3	1	1	...
30	Appendicitis	34	19	15	1	...	...	1	1	1	3	1	6	1	4	8	6	4	1	...
31	Diseases of the liver and biliary passages	52	25	27	...	...	...	...	...	...	...	...	...	1	5	11	10	19	6	...
32	Other diseases of the digestive system	78	55	23	4	1	1	1	1	...	4	1	2	4	7	19	18	14	9	...
33	Nephritis	188	89	90	8	...	...	...	...	...	1	1	3	7	11	14	38	42	50	18
34	Other diseases of the genitourinary system	44	24	20	3	1	...	...	...	1	...	...	4	8	4	2	10	11	3	1
35	Puerperal septicemia	2	...	2	1	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...
36	Other diseases of pregnancy, childbirth and the puerperal state	5	...	5	...	...	...	...	...	...	...	...	2	3	...	...	...	...	...	...
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	9	6	3	...	2	...	...	...	2	...	1	...	...	4	1	...	1	...	...
38	Congenital debility and malformations, premature birth and other diseases of early infancy	97	47	50	9	95	2	...	...	97	...	...	...	...	...	...	...	...	...	...
39	Senility	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
40	Suicide	23	21	2	1	...	...	...	...	...	...	...	2	7	5	5	3	1	...	...
41	Homicide	6	4	2	1	...	...	...	...	...	...	2	1	2	1	...	...	...	...	...
42	Violent and accidental deaths (suicide and homicide excepted)	243	164	79	13	1	2	3	2	1	9	9	20	24	16	43	40	29	38	14
43	Cause of death not specified or ill-defined	1	...	1	1	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...

Estimated population, 323,800.

Total resident deaths, 3,535.

Rate per 1,000 population, 10.9.

TABULATION OF DEATHS IN KEARNY TOWN FOR 1937, 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	433	236	197	6	27	4			1	32	9	9	19	18	67	60	98	85	32	4	
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	3	2	1														2		1		
9	Plague																					
10	Tuberculosis of the respiratory system	23	12	11	2								1	6	3	7	2	1	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	1										
15	Cancer and other malignant tumors	70	29	41								2			2	11	15	18	17	5		
16	Tumors, nonmalignant, or of which the nature is not specified	3	2	1			1				1					1		1				
17	Chronic rheumatism and gout	3	2	1								1						2				
18	Diabetes mellitus	11	1	10									1				3	4	3			
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings	11	4	7									3		2	2	1	2	1			
21	Progressive locomotor ataxia and general paralysis of the insane	1	1													1						
22	Cerebral hemorrhage, cerebral embolism and thrombosis	25	14	11										2		3	3	7	8	1	1	

23	Other diseases of the nervous system and of the organs of special sense	6	3	3	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	2	.....	1	.....	
24	Diseases of the heart	119	70	49	4									3	7	16	19	28	34	10	2
25	Other diseases of the circulatory system	9	6	3										1		1			3	4	1
26	Bronchitis	2		2	1															1	
27	Pneumonias	22	11	11	4					4			1		1	6	2	6	2		
28	Other diseases of the respiratory system (tuberculosis excepted)	4	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	1	.....	.....	
29	Diarrhoea and enteritis	3	2	1	2	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	
30	Appendicitis	9	3	6	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	3	3	1	.....	.....	.....	
31	Diseases of the liver and biliary passages	9	4	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
32	Other diseases of the digestive system	12	8	4	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	2	2	3	.....	2	
33	Nephritis	25	17	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	6	7	6	2	
34	Other diseases of the genitourinary system	6	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	3	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	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	
38	Congenital debility and malformations, premature birth and other diseases of early infancy	18	13	5	18	.....	.....	.....	.....	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
39	Senility	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	
40	Suicide	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	
41	Homicide	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	
42	Violent and accidental deaths (suicide and homicide excepted)	28	15	13		3				1	4		2	1	1		2	3	6	6	3
43	Cause of death not specified or ill-defined	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	

Estimated population, 46,000.

Total resident deaths, 433.

Rate per 1,000 population, 9.4.

TABULATION OF DEATHS IN UNION CITY FOR 1937, 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	627	320	307	1	29	4	2	3	2	40	4	8	20	30	66	108	158	127	63	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	4	3	1		1					1						1		2			
9	Plague																					
10	Tuberculosis of the respiratory system	28	14	14										4	9		9	5	1			
11	Other forms of tuberculosis	2	2											1				1				
12	Syphilis	1		1		1												1				
13	Malaria																		1			
14	Other infectious and parasitic diseases	2	2														1	1				
15	Cancer and other malignant tumors	87	38	49			1				1		1		5	11	24	18	24	3		
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	21	5	16												4	3	8	4	2		
19	Alcoholism (acute or chronic)	1	1															1				
20	Other general diseases and chronic poisonings	13	8	5										2	1	1	1	6	2			
21	Progressive locomotor ataxia and general paralysis of the insane	4	4													2		2				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	44	24	20												4	6	15	14	4	1	...

Total resident deaths, 627.

Rate per 1,000 population, 10.6.

TABULATION OF DEATH IN WEST NEW YORK FOR 1937, 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	351	204	147	5	10	3			5	18	2	9	17	32	40	67	79	64	22	1	
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever	1		1						1	1											
6	Whooping cough																					
7	Diphtheria																					
8	Influenza																					
9	Plague																					
10	Tuberculosis of the respiratory system	12	7	5									2	1	4	2	2		1			
11	Other forms of tuberculosis	2	2													1	1					
12	Syphilis	1	1														1					
13	Malaria																					
14	Other infectious and parasitic diseases	4	4			1					1			1	1	1	1					
15	Cancer and other malignant tumors	37	16	21						1	1			1	1	3	8	18	3	2		
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	17	6	11											1	2	2	9	3			
19	Alcoholism (acute or chronic)	2	2											1	1	1						
20	Other general diseases and chronic poisonings	5	3	2									1	1		1	1	1				
21	Progressive locomotor ataxia and general paralysis of the insane	2	2										1			1						
22	Cerebral hemorrhage, cerebral embolism and thrombosis	30	13	17	1											2	4	12	6	6		

335

Rate per 1,000 population, 8.8.

TABULATION OF DEATHS IN HUNTERDON COUNTY FOR 1937, 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	515	270	245	5	26	1	1	3	1	32	4	15	14	16	29	71	95	132	97	10	....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	5	3	2								1				1			2		1	
9	Plague																					
10	Tuberculosis of the respiratory system	11	6	5									12		2		5	1	1			
11	Other forms of tuberculosis	1	1											1								
12	Syphilis																					
13	Malaria																					
14	Other infectious and parasitic diseases	3	1	2										1		1			1			
15	Cancer and other malignant tumors	53	26	27	1									1	1	2	9	20	15	5		
16	Tumors, nonmalignant, or of which the nature is not specified	4	1	3										1		1			1	1		
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	15	5	10												1	3	3	7	1		
19	Alcoholism (acute or chronic)	1	1													1						
20	Other general diseases and chronic poisonings	8	1	7										2	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	49	13	36												1	8	10	14	15	1	....

Rate per 1,000 population, 14.5.

TABULATION OF DEATHS IN MERCER COUNTY FOR 1937, 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	2101	1131	970	199	115	14	11	6	4	150	18	43	89	111	214	326	456	446	213	35	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	2	1	1		1		1			2											
5	Scarlet fever	3	2	1		1		1	1	1	1						1					
6	Whooping cough	8	5	3	2	5	1	1	1	1	8											
7	Diphtheria																					
8	Influenza	22	10	12			1				1					3	4	5	4	4		
9	Plague																					
10	Tuberculosis of the respiratory system	117	69	48	22	1	1				2			4	27	20	21	17	18	7	1	
11	Other forms of tuberculosis	10	6	4	4	2	1				3	1	3	3								
12	Syphilis	19	14	5	9	2					2					3	3	7	4			
13	Malaria																					
14	Other infectious and parasitic diseases	14	9	5	1							3	1	2	1	1	2	3		1		
15	Cancer and other malignant tumors	245	122	123	11								2	4	5	30	62	61	63	16	2	
16	Tumors, nonmalignant, or of which the nature is not specified	8	3	5	3					1	1					1	3	2		1		
17	Chronic rheumatism and gout	1	1																	1		
18	Diabetes mellitus	74	30	44	3								1	2	3	6	9	28	19	6		
19	Alcoholism (acute or chronic)	3	3		1										1	1	1					
20	Other general diseases and chronic poisonings..	24	10	14	2	1					1	2	3	2	4	1	2	7	2			
21	Progressive locomotor ataxia and general paralysis of the insane	6	6													1	3					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	180	82	98	20	1					1				1	4	19	38	49	42	24	2

23	Other diseases of the nervous system and of the organs of special sense	25	13	12	4	2	.....	.....	.....	2	1	4	.....	2	3	2	9	2	.....	.....
24	Diseases of the heart	607	341	266	42	.....	.....	.....	.....	.....	.....	2	7	15	45	95	151	196	81	15
25	Other diseases of the circulatory system	45	23	22	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	7	13	19	4
26	Bronchitis	11	4	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	2	1	4	.....
27	Pneumonias	156	88	68	20	22	6	3	1	1	33	2	4	9	10	22	23	25	15	10
28	Other diseases of the respiratory system (tuberculosis excepted)	17	12	5	2	1	1	1	.....	3	.....	.....	.....	2	1	1	5	4	1	.....
29	Diarrhoea and enteritis	12	8	4	.....	5	2	.....	.....	7	.....	.....	1	1	.....	1	1	1	1	.....
30	Appendicitis	19	11	8	3	.....	1	2	2	5	1	3	4	1	1	3	.....	1	.....	.....
31	Diseases of the liver and biliary passages	31	10	21	1	.....	.....	.....	.....	.....	.....	.....	1	3	6	6	10	3	2	.....
32	Other diseases of the digestive system	28	16	12	3	3	.....	.....	.....	3	.....	2	.....	4	5	8	2	2	2	.....
33	Nephritis	134	72	62	12	.....	.....	.....	.....	.....	.....	2	.....	3	8	18	43	39	18	3
34	Other diseases of the genitourinary system	27	21	6	2	1	.....	.....	.....	1	.....	.....	3	1	2	3	3	9	5	.....
35	Puerperal septicemia	11	.....	11	3	.....	.....	.....	.....	.....	.....	.....	3	8	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	12	1	11	1	.....	.....	.....	.....	.....	.....	1	6	5	.....	.....	.....	.....	.....	.....
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	66	39	27	11	66	.....	.....	.....	66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
40	Suicide	26	18	8	1	.....	.....	.....	.....	.....	.....	1	2	5	10	2	6	.....	.....	.....
41	Homicide	6	4	2	2	.....	.....	.....	.....	.....	.....	1	1	.....	2	1	1	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	127	75	52	13	1	.....	3	1	2	7	6	8	10	11	17	16	12	18	16
43	Cause of death not specified or ill-defined	2	2	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....

Estimated population, 197,500.

Total resident deaths, 2,101.

Rate per 1,000 population, 10.6.

TABULATION OF DEATHS IN TRENTON CITY FOR 1937, 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	1359	725	634	135	74	13	7	3	2	99	11	23	56	83	161	213	294	279	126	14	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	1		1		1					1											
5	Scarlet fever																					
6	Whooping cough	6	4	2	2	4	1	1			6											
7	Diphtheria																					
8	Influenza	16	6	10			1				1			1		2	4	3	3	2		
9	Plague																					
10	Tuberculosis of the respiratory system	87	51	36	19	1	1				2		3	24	16	17	10	9	6			
11	Other forms of tuberculosis	7	3	4	3	1	1					1	1	3								
12	Syphilis	12	9	3	6	1					1					2	2	4	3			
13	Malaria																					
14	Other infectious and parasitic diseases	11	8	3	1							2	1	2	1	1	1	3				
15	Cancer and other malignant tumors	148	73	75	7								1	2	4	20	40	32	39	9	1	
16	Tumors, nonmalignant, or of which the nature is not specified	6	2	4	3										1	2	2			1		
17	Chronic rheumatism and gout	1	1																			
18	Diabetes mellitus	47	20	27	2									1	2	5	4	20	13	2		
19	Alcoholism (acute or chronic)	3	3		1										1	1	1					
20	Other general diseases and chronic poisonings	12	5	7	1	1					1		3		4			4				
21	Progressive locomotor ataxia and general paralysis of the insane	2	2														1					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	110	47	63	12																	
														1	4	14	23	32	21	15		

Rate per 1,000 population, 10.8.

TABULATION OF DEATHS IN MIDDLESEX COUNTY FOR 1937, 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	2113	1227	886	82	119	10	10	7	5	151	29	62	109	103	282	393	432	359	161	32	....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever	1	1																			
6	Whooping cough	4	2	2	1	4					4											
7	Diphtheria	1	1			1					1											
8	Influenza	26	12	14		2		1	1		5	2	2	4	1	2	1	1	6	2		
9	Plague																					
10	Tuberculosis of the respiratory system	89	60	29	9						1	1	6	21	10	23	16	9	3			
11	Other forms of tuberculosis	8	6	2	1	1	1				2		1	3	1			1				
12	Syphilis	9	9											1		4	2	1	1			
13	Malaria																					
14	Other infectious and parasitic diseases	12	4	8	1					1	1	3		4		1		1	2			
15	Cancer and other malignant tumors	279	145	134	6							2	1	2	12	49	63	75	59	14	2	....
16	Tumors, nonmalignant, or of which the nature is not specified	9	5	4	1									1		3	1	2	2			
17	Chronic rheumatism and gout	2	1	1													1		1			
18	Diabetes mellitus	74	27	47	2								2	1		4	23	27	11	6		
19	Alcoholism (acute or chronic)	5	5		1									1	1	2	1					
20	Other general diseases and chronic poisonings	31	14	17								1	5	3	1	7	6	7	1			
21	Progressive locomotor ataxia and general paralysis of the insane	5	4	1									1		1	1	2					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	143	62	81	3	1					1		2	1	3	18	26	39	29	21	3	....

23	Other diseases of the nervous system and of the organs of special sense	32	17	15	1	1	1	1	.....	3	2	6	2	5	4	6	1	3	.....	.....
24	Diseases of the heart	569	338	231	17	.....	.....	.....	.....	.....	1	3	10	15	56	112	134	153	72	13
25	Other diseases of the circulatory system	30	20	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	5	13	9	7	3
26	Bronchitis	5	4	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	1	1	.....	.....	1
27	Pneumonias	146	84	62	11	30	4	3	3	1	41	.....	2	3	7	22	22	24	14	8
28	Other diseases of the respiratory system (tuberculosis excepted)	14	7	7	1	1	.....	.....	1	.....	2	.....	1	2	1	2	2	2	.....	.....
29	Diarrhoea and enteritis	11	6	5	.....	8	.....	.....	.....	.....	8	.....	.....	1	.....	1	1	.....	.....	.....
30	Appendicitis	20	13	7	1	.....	1	.....	1	.....	2	2	4	2	.....	5	2	3	.....	.....
31	Diseases of the liver and biliary passages	30	19	11	.....	.....	.....	.....	.....	.....	1	.....	1	.....	4	6	7	4	1	.....
32	Other diseases of the digestive system	58	37	21	3	1	.....	.....	.....	1	3	3	2	3	7	12	15	8	3	1
33	Nephritis	136	80	56	5	.....	.....	.....	.....	.....	1	4	5	10	29	36	27	16	2	.....
34	Other diseases of the genitourinary system	20	23	6	1	.....	.....	.....	.....	.....	.....	.....	1	7	7	6	7	1	.....	.....
35	Puerperal septicemia	4	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	5	.....	5	1	.....	.....	.....	.....	.....	.....	.....	3	2	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	6	5	1	.....	.....	.....	.....	.....	.....	.....	1	.....	2	1	1	1	.....	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	72	39	33	5	70	.....	1	.....	1	72	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	5	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	2
40	Suicide	25	17	8	.....	.....	.....	.....	.....	.....	.....	.....	5	3	4	9	3	1	.....	.....
41	Homicide	7	4	3	1	.....	1	.....	.....	1	.....	.....	2	1	3	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	202	154	48	10	.....	.....	4	2	.....	6	11	21	28	22	31	35	23	15	8
43	Cause of death not specified or ill-defined .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Estimated population, 231,100.

Total resident deaths, 2,113.

Rate per 1,000 population, 9.1.

TABULATION OF DEATHS IN NEW BRUNSWICK CITY FOR 1937, 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	202	190	36	12	1	...	2	1	16	1	13	22	14	52	72	83	72	40	7	...
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	1			
9	Plague																					
10	Tuberculosis of the respiratory system	18	12	6	6					1	1		2	5		5	3	2				
11	Other forms of tuberculosis	2	2		1		1				1			1								
12	Syphilis	4	4											1								
13	Malaria																					
14	Other infections and parasitic diseases																					
15	Cancer and other malignant tumors	49	25	24	1								1			9	8	15	11	5		
16	Tumors, nonmalignant, or of which the nature is not specified	4	1	3	1											2	1	1				
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	20	7	13	2								1	1			5	8	2	3		
19	Alcoholism (acute or chronic)	2	2											1		1						
20	Other general diseases and chronic poisonings	7	1	6										1		2	2	2				
21	Progressive locomotor ataxia and general paralysis of the insane	2	2													1	1					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	19	5	14	1											3	2	4	3	7		

Rate per 1,000 population, 11.1.

TABULATION OF DEATHS IN PERTH AMBOY CITY FOR 1937, 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	425	269	156	14	27	2	4	1		34	8	19	26	25	68	85	79	53	23	5	....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever	1	1																			
6	Whooping cough	2	1	1	1	2					2	1										
7	Diphtheria																					
8	Influenza	5	1	4		1		1			2		1			2						
9	Plague																					
10	Tuberculosis of the respiratory system	25	18	7	1								1	6	2	6	8	1	1			
11	Other forms of tuberculosis																					
12	Syphilis	1	1														1					
13	Malaria																					
14	Other infectious and parasitic diseases	4	1	3	1							1		2					1			
15	Cancer and other malignant tumors	55	32	23	2							1		1	4	8	12	16	10	2	1	....
16	Tumors, nonmalignant, or of which the nature is not specified	1	1											1								
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	6	3	3													5		1			
19	Alcoholism (acute or chronic)	1	1														1					
20	Other general diseases and chronic poisonings	10	5	5								1	2		1	2	1	4				
21	Progressive locomotor ataxia and general paralysis of the insane	1	1										1									
22	Cerebral hemorrhage, cerebral embolism and thrombosis	34	19	15		1					1		1		2	5	9	8	5	2	1	....

Rate per 1,000 population, 9.6.

TABULATION OF DEATHS IN MONMOUTH COUNTY FOR 1937, 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	2136	1097	1039	237	82	10	8	4	5	109	16	26	54	111	191	322	467	510	289	40	1
1	Typhoid and paratyphoid fever	6	5	1	2									3			1	1	1			
2	Typhus fever																					
3	Smallpox																					
4	Measles	4	2	2			2				2			2								
5	Scarlet fever	1	1								1											
6	Whooping cough	2	1	1		2					2											
7	Diphtheria	1	1					1			1											
8	Influenza	19	9	10	1	2	1				3			2	1	1	3	3	4	2		
9	Plague																					
10	Tuberculosis of the respiratory system	73	46	27	25			1	1	1	3		1	14	13	10	14	8	8	2		
11	Other forms of tuberculosis	4	1	3	2								2	1		1						
12	Syphilis	28	14	14	13	3					3				1	9	9	5	1			
13	Malaria																					
14	Other infectious and parasitic diseases	16	12	4	1	2		1		1	4				1	2	3	3		1		
15	Cancer and other malignant tumors	276	113	163	23										1	12	32	63	82	60	25	1
16	Tumors, nonmalignant, or of which the nature is not specified	9	3	6	1									1	2	3		1	1	1		
17	Chronic rheumatism and gout	2	1														1		1			
18	Diabetes mellitus	58	21	37	1									1			8	26	17	4		
19	Alcoholism (acute or chronic)	1		1	1									1	1							
20	Other general diseases and chronic poisonings	26	12	14	2	3		1			4		1	2	2	5	4	4	3		1	
21	Progressive locomotor ataxia and genera paralysis of the insane	8	5	3	1											1	1	2	2	2		
22	Cerebral hemorrhage, cerebral embolism and thrombosis	178	88	90	17	1					1			1	1	7	22	48	60	34	4	

Rate per 1,000 population, 13.0.

TABULATION OF DEATHS IN ASBURY PARK CITY FOR 1937, 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	209	90	119	61	6	1	1	1	...	9	...	2	6	12	23	36	48	39	25	9	...
1	Typhoid and paratyphoid fever	2	2	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...
2	Typhus fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	Scarlet fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	Whooping cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	Diphtheria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	Influenza	2	2	...	...	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...
9	Plague	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	Tuberculosis of the respiratory system	10	7	3	8	...	...	...	...	...	...	...	1	1	3	2	2	1	...	...	...	...
11	Other forms of tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	Syphilis	3	2	1	2	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...
13	Malaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	Other infectious and parasitic diseases	2	1	1	1	...	...	1	...	...	1	...	...	...	1	...	...	...	...	...	...	...
15	Cancer and other malignant tumors	29	12	17	3	...	...	...	...	...	...	...	...	...	2	2	6	7	9	3	...	...
16	Tumors, nonmalignant, or of which the nature is not specified	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
17	Chronic rheumatism and gout	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	Diabetes mellitus	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
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	1	...	...	...	...	...
22	Cerebral hemorrhage, cerebral embolism and thrombosis	15	6	9	8	...	...	...	...	...	...	...	...	...	...	1	3	9	...	2	...	...

Rate per 1,000 population, 13.0.

TABULATION OF DEATHS IN LONG BRANCH CITY FOR 1937, 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	20	8	2	2	...	2	14	2	4	10	10	23	43	57	48	29	2	...
1	Typhoid and paratyphoid fever	1	1															1				
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria	1	1					1			1											
8	Influenza	5	4	1												2	2	1				
9	Plague																					
10	Tuberculosis of the respiratory system	15	9	6	4									6	2	2	4	1				
11	Other forms of tuberculosis	1		1									1									
12	Syphilis	4	1	3	2											1	2	1				
13	Malaria																					
14	Other infectious and parasitic diseases																					
15	Cancer and other malignant tumors	26	11	15	1										1	5	7	6	7			
16	Tumors, nonmalignant, or of which the nature is not specified	1	1														1					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	10	5	5												1	2	3	3	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																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	25	11	14										1		1	3	6	9	4	1	

Rate per 1,000 population, 11.9.

TABULATION OF DEATHS IN RED BANK BOROUGH FOR 1937, 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	76	82	24	8	...	...	...	...	8	...	1	3	10	17	18	32	41	25	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	2	1	1	...	1	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...
9	Plague	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	Tuberculosis of the respiratory system	...	2	2	2	...	...	...	...	...	...	...	...	1	...	2	...	...	1	...	...	...
11	Other forms of tuberculosis	1	1	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
12	Syphilis	1	...	1	1	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
13	Malaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	Other infectious and parasitic diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	Cancer and other malignant tumors	30	9	21	5	...	...	...	...	...	...	...	...	...	...	4	7	12	5	2	...	...
16	Tumors, nonmalignant, or of which the nature is not specified	1	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
17	Chronic rheumatism and gout	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	Diabetes mellitus	6	1	5	...	...	...	...	...	...	...	...	...	...	...	1	1	2	2	...	...	...
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	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
22	Cerebral hemorrhage, cerebral embolism and thrombosis	6	2	4	...	...	...	...	...	...	...	...	...	...	...	...	...	2	3	1	...	...

Rate per 1,000 population, 12.6.

TABULATION OF DEATHS IN MORRIS COUNTY FOR 1937, 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	1309	710	599	44	57	7	7	3	...	74	15	23	43	66	110	191	313	273	182	19	...
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											1										
7	Diphtheria																					
8	Influenza	5	1	4					1		1	1					1		1	1		
9	Plague																					
10	Tuberculosis of the respiratory system	39	28	11	5								3	5	7	6	7	8	3			
11	Other forms of tuberculosis	6	4	2	3								1	1	2	1	1	1				
12	Syphilis	12	7	5	3	2					2				1	2	5	1	1			
13	Malaria																					
14	Other infectious and parasitic diseases	5	4	1			1				1	1			2			1				
15	Cancer and other malignant tumors	157	75	82	8									2	6	20	32	51	32	12	2	
16	Tumors, nonmalignant, or of which the nature is not specified	5	3	2									1	1	1	....	1			1		
17	Chronic rheumatism and gout	2	1	1														1			1	
18	Diabetes mellitus	31	15	16	2												9	12	8	2		
19	Alcoholism (acute or chronic)	3	3											1	2							
20	Other general diseases and chronic poisonings	24	13	11	1	1					1	2	3	3	2	2	5	3	1	2		
21	Progressive locomotor ataxia and general paralysis of the insane	3	3														1	2				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	105	47	58	1									1	2	3	16	35	30	16	2	

23	Other diseases of the nervous system and of the organs of special sense	13	7	6	1	1	2	2	1	2	2	3	1	...	...	...	...
24	Diseases of the heart	393	218	175	6	...	...	...	5	5	6	32	53	104	103	77	8
25	Other diseases of the circulatory system	38	13	25	1	1	1	1	1	1	4	5	9	16	1	1	...
26	Bronchitis	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	...
27	Pneumonias	81	48	33	3	2	3	3	1	2	5	2	11	17	19	15	1
28	Other diseases of the respiratory system (tuberculosis excepted)	9	4	5	...	...	...	...	1	1	2	...	1	1	3	...	...
29	Diarrhoea and enteritis	3	2	1	2	...	...	2	...	...	...	...	...	1	1	...	...
30	Appendicitis	10	6	4	...	...	1	1	2	1	1	3	...	1	1	...	...
31	Diseases of the liver and biliary passages	20	10	10	...	...	1	1	...	2	3	4	8	2	1	...	...
32	Other diseases of the digestive system	24	14	10	...	...	1	1	1	1	1	4	4	6	5	1	...
33	Nephritis	123	56	67	4	1	...	1	...	1	6	10	16	33	34	22	1
34	Other diseases of the genitourinary system	16	11	5	...	...	...	...	...	2	1	5	5	2	1	...	...
35	Puerperal septicemia	2	...	2	...	...	...	...	2	...	...	...	...	...	...	...	...
36	Other diseases of pregnancy, childbirth and the puerperal state	5	...	5	1	...	...	...	...	4	1	...	...	...	...	...	...
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	44	24	20	1	43	1	44	...	...	...	...	...	...	...	...	...
39	Senility	8	2	1	...	...	...	...	...	...	...	...	...	1	1	1	...
40	Suicide	17	12	5	...	...	...	...	1	3	7	3	1	1	1	...	...
41	Homicide	2	2	1	...	...	...	...	...	1	1	1	...	...	...	...	...
42	Violent and accidental deaths (suicide and homicide excepted)	102	72	30	5	4	2	1	7	4	6	13	11	12	13	12	15
43	Cause of death not specified or ill-defined	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Estimated population, 121,000.

Total resident deaths, 1,309.

Rate per 1,000 population, 10.8.

TABULATION OF DEATHS IN DOVER TOWN FOR 1937, 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	61	61	2	10	.....	1	.....	.....	11	2	2	9	7	6	16	32	21	16	.....	.....
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	5	1	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	2	1	.....	.....	.....	.....
11	Other forms of tuberculosis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Syphilis	3	2	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....
13	Malaria .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	18	8	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	4	7	3	2	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
19	Alcoholism (acute or chronic) .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	3	1	2	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	1	.....	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	9	4	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	1	2	.....	.....

Rate per 1,000 population, 12.0.

TABULATION OF DEATHS IN MORRISTOWN TOWN FOR 1937, 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	194	98	96	19	9	1					10	12	2	4	13	16	26	44	46	28	3	
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	7	2	5	3										1	2	1	1	2				
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	24	11	13	5												4	3	10	5	2		
16	Tumors, nonmalignant, or of which the nature is not specified	1		1												1							
17	Chronic rheumatism and gout	1	1																				
18	Diabetes mellitus	5	1	4															3				1
19	Alcoholism (acute or chronic)	2	2																				
20	Other general diseases and chronic poisonings..	4	2	2	1										1	1					2		
21	Progressive locomotor ataxia and genera. paralysis of the insane																1	3					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	19	6	13	1											1	1	3	4	6	3	1	

Rate per 1,000 population, 11.9.

TABULATION OF DEATHS IN OCEAN COUNTY FOR 1937, 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	554	338	216	24	26	....	2	2	....	30	4	14	27	33	61	75	99	125	74	12	....
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																					
9	Plague	8	5	3		1					1			1	1	1	1		2	1		
10	Tuberculosis of the respiratory system	21	14	7	4	1					1			2	1	5	6	4	1	1		
11	Other forms of tuberculosis	2	2													1						
12	Syphilis	5	4	1	1	1										1				1		
13	Malaria										1					1		2	1			
14	Other infectious and parasitic diseases	1	1																			
15	Cancer and other malignant tumors	65	38	27	3						1					1	8	13	22	15	4	1
16	Tumors, nonmalignant, or of which the nature is not specified	3	2	1																		
17	Chronic rheumatism and gout															2	1					
18	Diabetes mellitus	15	7	8								1					2	5	7			
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings..	5	4	1										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	33	15	18	1											1	4	4	8	10	4	2

Rate per 1,000 population, 14.8.

TABULATION OF DEATHS IN PASSAIC COUNTY FOR 1937, 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	3068	1703	1365	95	127	20	14	6	5	192	32	64	105	160	325	546	681	623	297	43	....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	3	2	1		1	1				2			1								
5	Scarlet fever																					
6	Whooping cough	1	1			1					1											
7	Diphtheria	5	4	1		2	1				3	1	1									
8	Influenza	32	19	13	1	2	1				3		2	5	2	5	6	3	3	2	1	
9	Plague																					
10	Tuberculosis of the respiratory system	124	77	47	15								9	18	28	29	24	10	6			
11	Other forms of tuberculosis	10	6	4		2					2						3	2	1			
12	Syphilis	25	18	7		1					1				1	6	8	7	2			
13	Malaria																					
14	Other infectious and parasitic diseases	19	13	6		1		2			3	1	2	3	3	1		2	1	1	2	
15	Cancer and other malignant tumors	285	195	190	7			1	1		2		1	5	15	46	99	114	82	21		
16	Tumors, nonmalignant, or of which the nature is not specified	8	2	6	1									2	1	3		1		1		
17	Chronic rheumatism and gout	6	2	4											1		1	1	2	1		
18	Diabetes mellitus	97	31	66	3											13	22	38	22	2		
19	Alcoholism (acute or chronic)	6	4	2										1	1	1	2		1			
20	Other general diseases and chronic poisonings	50	21	29	3	1	1	1	1		4	2	7	5	4	4	10	3	8	2	1	
21	Progressive locomotor ataxia and general paralysis of the insane	8	6	2	2								2			1	1	2	1			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	245	126	119	10		1				1		1	1	8	14	45	70	64	37	4	....

23	Other diseases of the nervous system and of the organs of special sense	39	16	23	2	1	2	1	1	1	6	3	2	2	3	11	5	4	2	1	....	....	
24	Diseases of the heart	886	478	408	9	1	....	....	....	....	1	4	7	13	20	84	146	225	250	117	19	....	
25	Other diseases of the circulatory system	64	24	40	3	....	....	....	....	....	....	....	....	....	2	2	8	7	20	22	3	....	
26	Bronchitis	11	8	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
27	Pneumonias	206	120	86	12	26	10	4	2	2	44	2	3	3	16	18	38	32	26	22	2	....	
28	Other diseases of the respiratory system (tuberculosis excepted)	23	12	11	1	1	....	....	....	....	2	1	1	1	1	5	5	5	2	....	....	....	
29	Diarrhoea and enteritis	10	5	5	....	6	....	....	....	....	7	....	1	....	1	....	7	....	1	....	....	....	
30	Appendicitis	39	27	12	....	....	....	....	....	....	2	....	....	....	4	4	7	7	1	1	....	....	
31	Diseases of the liver and biliary passages	62	36	26	....	....	....	....	....	....	....	....	....	....	1	4	9	15	21	11	1	....	
32	Other diseases of the digestive system	86	59	27	1	1	....	....	....	....	1	5	2	7	4	16	19	14	11	5	2	....	
33	Nephritis	197	107	90	7	1	....	....	....	....	2	1	2	4	3	14	25	46	65	31	4	....	
34	Other diseases of the genitourinary system	48	38	10	4	2	....	....	....	....	2	....	....	....	2	3	5	6	18	7	4	....	
35	Puerperal septicemia	3	....	3	....	....	....	....	....	....	....	....	....	....	2	1	....	....	....	....	....	....	
36	Other diseases of pregnancy, childbirth and the puerperal state	10	....	10	....	....	....	....	....	....	....	....	....	....	4	5	1	....	....	....	....	....	
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	7	5	2	....	1	....	....	....	....	1	....	1	1	1	....	3	....	....	....	....	....	
38	Congenital debility and malformations, premature birth and other diseases of early infancy	95	57	38	3	93	1	1	....	....	95	....	....	....	....	....	....	....	....	....	....	....	
39	Senility	8	4	4	....	....	....	....	....	....	....	....	....	....	....	....	....	1	4	2	1	....	
40	Suicide	49	41	8	....	....	....	....	....	....	....	....	....	2	6	12	15	10	4	....	....	....	
41	Homicide	7	4	3	3	....	....	....	....	....	....	....	....	....	6	....	1	....	....	....	....	....	
42	Violent and accidental deaths (suicide and homicide excepted)	194	135	59	8	3	1			1		5	10	14	17	16	16	30	39	24	20	3	
43	Cause of death not specified or ill-defined																						

Estimated population, 318,400.

Total resident deaths, 3,068.

Rate per 1,000 population, 9.6.

TABULATION OF DEATHS IN CLIFTON CITY FOR 1937, 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	197	195	.....	15	2	1	.....	.....	18	5	10	24	18	53	72	78	77	33	4	.....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria	2	1	1		2					2											
8	Influenza	7	3	4			1				1		1	2	1	1			1			
9	Plague																					
10	Tuberculosis of the respiratory system	9	5	4									1	2	2		2		2			
11	Other forms of tuberculosis	2	2										1				1	1				
12	Syphilis	6	3	3		1					1					2	1	1	1			
13	Malaria																					
14	Other infectious and parasitic diseases	4	2	2								1			1			2				
15	Cancer and other malignant tumors	57	26	31										2		12	18	12	12	1		
16	Tumors, nonmalignant, or of which the nature is not specified	1	1											1								
17	Chronic rheumatism and gout	1	1												1							
18	Diabetes mellitus	14	5	9												3	1	6	3	1		
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings	12	6	6									2	2	1		4	2	1			
21	Progressive locomotor ataxia and general paralysis of the insane	1		1													1					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	31	15	16										1	2	2	8	8	8	2		

Rate per 1,000 population, 7.1.

TABULATION OF DEATHS IN PASSAIC CITY FOR 1937, 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	562	330	232	36	34	5	3	2	1	45	8	18	23	37	71	113	108	92	39	8	....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	1	1			1					1											
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria	1	1				1				1											
8	Influenza	5	3	2		1					1		1			1	1		1			
9	Plague																					
10	Tuberculosis of the respiratory system	52	26	26	13								6	8	9	14	12	2	1			
11	Other forms of tuberculosis	2	2													1		1				
12	Syphilis	3	3														1	1	1			
13	Malaria																					
14	Other infectious and parasitic diseases	4	3	1									1	1	2							
15	Cancer and other malignant tumors	56	32	24	1			1			1		1	2	2	4	17	16	9	4		
16	Tumors, nonmalignant, or of which the nature is not specified	1		1	1												1					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	21	8	13	1											2	7	10	2			
19	Alcoholism (acute or chronic)	1	1													1						
20	Other general diseases and chronic poisonings	8	4	4	3	1					1	1	1	1	1			1	1		1	
21	Progressive locomotor ataxia and general paralysis of the insane	2	2											1		1						
22	Cerebral hemorrhage, cerebral embolism and thrombosis	35	15	20	2											2	3	7	14	6	3	

Rate per 1,000 population, 8.9.

TABULATION OF DEATHS IN PATERSON CITY FOR 1937, 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	1587	885	702	55	77	10	7	3	2	99	14	24	37	78	155	281	377	336	165	21	....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	2	1	1			1				1			1								
5	Scarlet fever																					
6	Whooping cough	1	1			1					1											
7	Diphtheria	1	1									1										
8	Influenza	18	12	6	1	1					1				3	1	2	5	3	1	1	1
9	Plague																					
10	Tuberculosis of the respiratory system	46	36	10	2									3	11	14	9	6	3			
11	Other forms of tuberculosis	4		4		1					1					1	1		1			
12	Syphilis	14	11	3												1	3	6	4			
13	Malaria																					
14	Other infectious and parasitic diseases	7	5	2		1		1			2			1	1						2	
15	Cancer and other malignant tumors	199	104	95	6				1		1			1	10	24	46	65	44	8		
16	Tumors, nonmalignant, or of which the nature is not specified	5	1	4											1		2		1		1	
17	Chronic rheumatism and gout	5	1	4													1	1	2	1		
18	Diabetes mellitus	42	13	29	1											5	11	16	9	1		
19	Alcoholism (acute or chronic)	3	2	1											1		1		1			
20	Other general diseases and chronic poisonings	22	9	13			1	1			2	1	4	1	1	3	5			5		
21	Progressive locomotor ataxia and general paralysis of the insane	4	3	1	2									1				1	1			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	144	75	69	8		1				1					3	8	22	41	38	27	4

23	Other diseases of the nervous system and of the organs of special sense	16	7	9	1			1		1		1	1	1		4	3	3	1	1	
24	Diseases of the heart	481	261	220	7							3	5	3	9	42	84	128	132	67	8
25	Other diseases of the circulatory system	39	11	28	3	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2	7	11	14	3	
26	Bronchitis	6	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	2	3	.....	
27	Pneumonias	119	64	55	7	10	5	4	1	1	27	1	.....	2	8	11	21	16	21	12	
28	Other diseases of the respiratory system (tuberculosis excepted)	15	7	8	.....	1	.....	.....	.....	1	.....	1	.....	1	4	2	4	2	.....	.....	
29	Diarrhoea and enteritis	4	3	1	.....	3	.....	.....	.....	3	.....	.....	1	1	1	4	1	4	5	.....	
30	Appendicitis	17	13	4	.....	.....	.....	.....	1	1	.....	1	3	.....	4	1	4	3	.....	.....	
31	Diseases of the liver and biliary passages	30	20	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	5	6	11	5	1	.....	
32	Other diseases of the digestive system	48	31	17	.....	.....	.....	.....	.....	.....	.....	1	.....	3	4	8	13	9	6	3	
33	Nephritis	99	59	40	6	.....	.....	.....	.....	.....	.....	1	2	2	1	7	13	24	37	12	
34	Other diseases of the genitourinary system	28	23	5	3	2	.....	.....	.....	2	.....	.....	.....	3	3	4	10	4	1	1	
35	Puerperal septicemia	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	
36	Other diseases of pregnancy, childbirth and the puerperal state	4	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	3	1	.....	.....	.....	.....	.....	.....	
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	52	31	21	2	50	1	1	.....	52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
39	Senility	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
40	Suicide	16	14	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2	8	3	.....	.....	.....	
41	Homicide	5	3	2	3	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	1	.....	.....	.....	.....	
42	Violent and accidental deaths (suicide and homicide excepted)	86	58	28	3	1	1	.....	.....	2	4	6	8	9	4	12	21	8	11	1	
43	Cause of death not specified or ill-defined .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	

Estimated population, 139,500.

Total resident deaths, 1,587.

Rate per 1,000 population, 11.3.

TABULATION OF DEATHS IN SALEM COUNTY FOR 1937, 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	493	275	218	88	35	12	2	3	1	53	8	8	11	24	51	58	99	106	69	6	....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	12		12		1	1				2											
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	8	5	3	12	1	2				3			1		1		1	1	1		
9	Plague																					
10	Tuberculosis of the respiratory system	21	8	13	4								2	3	4	4	4	4				
11	Other forms of tuberculosis	2		2	1							1					1					
12	Syphilis	10	8	2	8											5	3	1	1			
13	Malaria																					
14	Other infectious and parasitic diseases	4	3	1					1		1						1	1				
15	Cancer and other malignant tumors	52	32	20	9								1				6	11	16	12	7	
16	Tumors, nonmalignant, or of which the nature is not specified	1	1																	1		
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	13	7	6												1	1	6	3	2		
19	Alcoholism (acute or chronic)	1		1																		
20	Other general diseases and chronic poisonings	6	1	5	2	2	1				3				1	1	1					
21	Progressive locomotor ataxia and general paralysis of the insane	4	3	1														2	1	1		
22	Cerebral hemorrhage, cerebral embolism and thrombosis	42	13	29	6											1	4	12	19	4	2	....

Rate per 1,000 population, 13.3.

TABULATION OF DEATHS IN SOMERSET COUNTY FOR 1937, 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	771	424	347	33	40	3	3	1	1	48	9	18	33	39	85	116	164	151	91	17	....
1	Typhoid and paratyphoid fever	1	1														1					
2	Typhus fever																					
3	Smallpox																					
4	Measles	3	1	2									1	2								
5	Scarlet fever																					
6	Whooping cough	1	1					1			1											
7	Diphtheria																					
8	Influenza	8	3	5		1	1				2				1	1	1		1	2		
9	Plague																					
10	Tuberculosis of the respiratory system	43	24	19	1		1				1		4	7	4	6	9	8	4			
11	Other forms of tuberculosis	2		2				1			1				1							
12	Syphilis	6	4	2	2									1	1		3	1				
13	Malaria																					
14	Other infectious and parasitic diseases	4	3	1	1							1		1			1	1				
15	Cancer and other malignant tumors	84	41	43	2										2	8	23	21	26	4		
16	Tumors, nonmalignant, or of which the nature is not specified	5	1	4	1								2				1	1			1	
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	20	3	17											1	1	6	7	4	1		
19	Alcoholism (acute or chronic)	2	2		1										1	1						
20	Other general diseases and chronic poisonings..	15	7	8		2		1			3	1	2		2	3	2	2				
21	Progressive locomotor ataxia and general paralysis of the insane	3	2	1	2											1		1	1			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	69	33	36	2							1		1	4	9	8	16	19	9	2	....

23	Other diseases of the nervous system and of the organs of special sense	9	3	6	.....	1	.....	1	.....	1	1	3	.....	2	1	.....	.....
24	Diseases of the heart	225	132	93	2	1	.....	1	.....	2	3	6	15	28	70	56	40
25	Other diseases of the circulatory system	34	6	8	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	3	8	2
26	Bronchitis	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
27	Pneumonias	45	29	16	3	6	.....	6	.....	4	3	5	5	6	8	5	3
28	Other diseases of the respiratory system (tuberculosis excepted)	4	4	.....	.....	1	.....	1	.....	.....	1	.....	.....	1	.....	1	.....
29	Diarrhoea and enteritis	7	2	5	1	4	.....	4	.....	.....	1	.....	1	1	.....	.....	.....
30	Appendicitis	5	1	4	.....	.....	.....	.....	.....	1	1	.....	1	1	.....	.....	.....
31	Diseases of the liver and biliary passages	12	8	4	1	.....	.....	.....	.....	.....	3	2	4	.....	2	1	.....
32	Other diseases of the digestive system	19	12	7	1	1	.....	1	.....	.....	1	4	3	4	5	1	.....
33	Nephritis	45	28	17	3	.....	.....	.....	.....	1	.....	6	10	8	11	7	2
34	Other diseases of the genitourinary system	13	6	7	.....	.....	.....	.....	.....	.....	1	1	.....	4	4	3	.....
35	Puerperal septicemia	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
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	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
38	Congenital debility and malformations, premature birth and other diseases of early infancy	23	13	10	5	23	.....	23	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2
40	Suicide	10	8	2	.....	.....	.....	.....	.....	1	1	3	2	2	1	.....	.....
41	Homicide	3	1	2	1	1	.....	1	.....	.....	1	1	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	63	43	20	4	1	.....	1	2	6	4	8	3	14	9	4	9
43	Cause of death not specified or ill-defined .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Estimated population, 71,600.

Total resident deaths, 771.

Rate per 1,000 population, 10.7.

TABULATION OF DEATHS IN SUSSEX COUNTY FOR 1937, 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	385	229	156	.....	30	1	.....	1	1	33	3	7	17	13	26	50	74	95	59	8	...
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	4	3	.....	2	.....	.....	.....	.....	2	.....	.....	1	.....	1	.....	1	2	.....	.....	.....
9	Plague .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	11	6	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	2	1	.....	2	1	.....	.....	.....
11	Other forms of tuberculosis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Syphilis	3	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
13	Malaria .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	5	4	1	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	1	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	56	25	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	3	11	14	17	9	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	3	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....
17	Chronic rheumatism and gout	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	10	3	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	1	5	1	.....	.....
19	Alcoholism (acute or chronic)	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
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	23	12	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	8	4	6	.....	.....

Rate per 1,000 population, 13.3.

TABULATION OF DEATHS IN UNION COUNTY FOR 1937, 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	3036	1638	1398	220	154	22	12	7	9	204	33	77	149	182	330	532	666	568	265	30	...
1	Typhoid and paratyphoid fever	1	1		1									1								
2	Typhus fever																					
3	Smallpox																					
4	Measles	4	2	2			2				2	2										
5	Scarlet fever	2		2						1		1										
6	Whooping cough	1	2			1	1				2											
7	Diphtheria	1	1			1					1											
8	Influenza	17	9	8		2	1	1			4				2	3	2	4	1		1	
9	Plague																					
10	Tuberculosis of the respiratory system	128	79	49	24	1					1		7	31	28	24	21	10	5	1		
11	Other forms of tuberculosis	10	5	5	2									2	2	3	2					
12	Syphilis	18	14	4	3			2			2				1	1	10	4				
13	Malaria																					
14	Other infectious and parasitic diseases	25	12	13	2	5	1	2			6	3	2	3	1	2	2	2	2			
15	Cancer and other malignant tumors	403	202	201	17					1	1		2	6	19	47	101	120	78	28	1	
16	Tumors, nonmalignant, or of which the nature is not specified	20	6	14												7	6	2	3	1	1	
17	Chronic rheumatism and gout	3	2	1	1													1		1	1	
18	Diabetes mellitus	85	24	61	4								3			8	16	30	24	4		
19	Alcoholism (acute or chronic)	8	6	2	1										1	3	4					
20	Other general diseases and chronic poisonings	49	20	29	1	4	1		1	1	7	2	10	4	3	5	8	8	2			
21	Progressive locomotor ataxia and general paralysis of the insane	11	9	2	2										1		3	6	1			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	242	88	154	16	2					2		1	6	9	24	41	65	52	39	3	....

23	Other diseases of the nervous system and of the organs of special sense	46	28	18	4	3	1	2	1	7	1	10	4	4	4	6	6	4	11	11	
24	Diseases of the heart	870	492	378	49	1	1	1	1	1	5	9	13	21	78	158	240	280	104	11	
25	Other diseases of the circulatory system	86	43	43	8	1	1	1	1	1	2	1	1	4	2	9	17	25	23	2	
26	Bronchitis	7	4	3	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	
27	Pneumonias	197	106	91	18	20	8	1	2	1	32	1	2	15	12	27	25	33	30	15	
28	Other diseases of the respiratory system (tuberculosis excepted)	23	14	9	1	1	1	1	1	2	1	2	1	2	5	3	3	3	1	1	
29	Diarrhoea and enteritis	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	
30	Appendicitis	33	19	14	2	1	1	1	2	2	5	3	6	3	2	4	5	3	2	1	
31	Diseases of the liver and biliary passages....	60	28	32	1	1	1	1	1	2	2	1	1	2	6	12	16	11	8	4	
32	Other diseases of the digestive system	85	61	24	5	4	2	1	1	7	1	2	3	10	10	23	13	12	4	1	
33	Nephritis	163	89	76	16	1	1	1	1	1	1	1	6	3	18	26	37	50	20	2	
34	Other diseases of the genitourinary system ...	43	29	16	3	1	1	1	1	1	1	1	2	5	6	7	10	9	5	1	
35	Puerperal septicemia	7	7	7	3	1	1	1	1	1	1	1	3	4	1	1	1	1	1	1	
36	Other diseases of pregnancy, childbirth and the puerperal state	7	7	7	1	1	1	1	1	1	1	1	4	3	1	1	1	1	1	1	
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	9	5	4	1	1	1	1	1	2	1	2	2	1	1	1	1	1	1	1	
38	Congenital debility and malformations, premature birth and other diseases of early infancy	106	54	52	16	103	1	1	1	105	1	1	1	1	1	1	1	1	1	1	
39	Senility	11	3	8	1	1	1	1	1	1	1	1	1	1	1	1	1	4	5	2	
40	Suicide	33	23	10	1	1	1	1	1	1	1	1	1	6	9	6	6	1	3	1	
41	Homicide	7	7	7	1	1	1	1	1	1	1	1	3	3	1	1	1	1	1	1	
42	Violent and accidental deaths (suicide and homicide excepted)	201	152	49	15	3	3	1	1	8	7	12	32	24	25	30	33	21	6	3	
43	Cause of death not specified or ill-defined	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	
Estimated population, 345,000.		Total resident deaths, 3,036.										Rate per 1,000 population, 8.8.									

TABULATION OF DEATHS IN ELIZABETH CITY FOR 1937, 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	1221	698	523	71	63	11	3	6	4	87	11	22	61	71	144	245	280	215	76	9	....
1	Typhoid and paratyphoid fever	1	1		1									1								
2	Typhus fever																					
3	Smallpox																					
4	Measles	1	1				1															
5	Scarlet fever	1		1						1	1											
6	Whooping cough	2	2			1	1				2											
7	Diphtheria	1	1			1	1				1											
8	Influenza	8	3	5		2	1				3				1	1	1	1	1			
9	Plague																					
10	Tuberculosis of the respiratory system	54	37	17	3								1	9	12	14	13	2	2	1		
11	Other forms of tuberculosis	6	2	4	2									1	2	1	2					
12	Syphilis	9	7	2	2									1	1		5	3				
13	Malaria																					
14	Other infectious and parasitic diseases	30	4	6	1	3					3	1	1	1			1	2	1			
15	Cancer and other malignant tumors	163	93	70	3									2	4	20	43	51	34	9		
16	Tumors, nonmalignant, or of which the nature is not specified	6	3	3											3	2		1				
17	Chronic rheumatism and gout	1	1																			
18	Diabetes mellitus	38	10	28	1								2			2	9	14	9	2		
19	Alcoholism (acute or chronic)	5	4	1	1										1	1	3					
20	Other general diseases and chronic poisonings	21	9	12		1					1	1	5	2	1	2	3	4	2			
21	Progressive locomotor ataxia and genera paralysis of the insane	5	4	1	2										1		3					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	103	38	65	8									1	6	14	16	28	24	13	1	

23	Other diseases of the nervous system and of the organs of special sense	22	13	9	1	3	1	1	4	3	3	1	3	4	2	2		
24	Diseases of the heart	349	209	140	19	1	1	1	1	2	4	5	10	34	75	103	84	27
25	Other diseases of the circulatory system	33	19	14	4	1	1	1	1	1	1	1	3	6	7	4	8	4
26	Bronchitis	1	1												1			2
27	Pneumonias	86	46	40	6	10	4	1	2	1	18	1	8	2	9	12	16	5
28	Other diseases of the respiratory system (tuberculosis excepted)	10	5	5					1	1		1	1	2	2	2	1	
29	Diarrhoea and enteritis	2		2								1				1		
30	Appendicitis	8	4	4				2	1	3	1			1	2	1		
31	Diseases of the liver and biliary passages....	28	13	15	1								5	6	8	5	3	1
32	Other diseases of the digestive system	37	28	8		2			2	1		3	4	5	12	5	4	1
33	Nephritis	47	31	16	6							3	1	7	6	15	13	2
34	Other diseases of the genitourinary system ...	20	13	7								1	2	1	2	3	2	8
35	Puerperal septicemia	1		1	1							1						
36	Other diseases of pregnancy, childbirth and the puerperal state	3		3	1							3						
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	6	4	2		1	1		2		1	2				1		
38	Congenital debility and malformations, premature birth and other diseases of early infancy	38	21	17	5	36	1	1	38									
39	Senility	2		2													1	1
40	Suicide	13	10	3									2	5	4	2		
41	Homicide	2		2								1	1					
42	Violent and accidental deaths (suicide and homicide excepted)	75	59	16	3	2	2	1	5	3	3	10	9	11	11	10	11	2
43	Cause of death not specified or ill-defined	3	2	1									1	1	1			

Estimated population, 121,700.

Total resident deaths, 1,221.

Rate per 1,000 population, 10.0.

TABULATION OF DEATHS IN LINDEN CITY FOR 1937, 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	149	79	70	9	12	2	1	.....	.....	15	2	3	6	14	23	31	29	19	7	.....	.....
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	8	4	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	Other forms of tuberculosis	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Syphilis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Malaria .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	16	6	10	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	4	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	Alcoholism (acute or chronic) .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	2	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	13	5	8	.....	2	.....	.....	.....	.....	2	.....	.....	.....	.....	1	3	5	2	.....	.....	.....

Rate per 1,000 population, 5.7.

TABULATION OF DEATHS IN PLAINFIELD CITY FOR 1937, 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	414	209	205	51	17	1	1	....	....	19	6	9	21	28	43	73	84	74	52	5	....
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	5	3	2				1			1				1		2					
9	Plague																					
10	Tuberculosis of the respiratory system	18	9	9	7								1	6	3	4	1	1	2			
11	Other forms of tuberculosis	1	1																			
12	Syphilis	4	3	1	3											1	3					
13	Malaria																					
14	Other infectious and parasitic diseases	2	2											1		1						
15	Cancer and other malignant tumors	46	25	21	5								1	1	2	6	16	12	7	1		
16	Tumors, nonmalignant, or of which the nature is not specified	2		2												2						
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	10	4	6	1											1	2	4	3			
19	Alcoholism (acute or chronic)	2	1	1												1	1					
20	Other general diseases and chronic poisonings..	8	5	3		1				1		1	2		1			3				
21	Progressive locomotor ataxia and general paralysis of the insane	2	2													1		1				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	38	9	29	1								1		1	2	6	9	8	10	1	

[illegible]

Estimated population, 37,000.

Total resident deaths, 414.

Rate per 1,000 population, 11.1.

TABULATION OF DEATHS IN RAHWAY CITY FOR 1937, 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	143	67	76	7	6	1				7	2	5	7	10	15	17	26	37	16	1	
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	2	1	1	1									1	1							
11	Other forms of tuberculosis																					
12	Syphilis																					
13	Malaria	2	2																			
14	Other infectious and parasitic diseases	19	6	13			1	1			2					4	4	4	4	3		
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	1		1	1												1					
18	Diabetes mellitus	3		3													1	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	10	5	5	2												3	1	5	1		

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Total resident deaths, 143.

Rate per 1,000 population, 7.9.

TABULATION OF DEATHS IN SUMMIT CITY FOR 1937, 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	163	84	79	13	4	1				5		5	9	9	11	23	39	39	21	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	3									3	1		1	1				
11	Other forms of tuberculosis																					
12	Syphilis																					
13	Malaria																					
14	Other infectious and parasitic diseases	2	1	1									1						1			
15	Cancer and other malignant tumors	29	14	15	2									2		2	6	8	9	2		
16	Tumors, nonmalignant, or of which the nature is not specified																					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	5	1	4	1											1		2	1	1		
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings..	3	2	1	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	12	3	9											1			4	3	4		

Rate per 1,000 population, 10.0.

TABULATION OF DEATHS IN WESTFIELD TOWN FOR 1937, 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	162	86	76	12	8					8	4	7	11	5	12	24	32	32	25	2	
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	11	4	7	3								2	3	2	2		2				
11	Other forms of tuberculosis																					
12	Syphilis	1		1	1												1					
13	Malaria																					
14	Other infectious and parasitic diseases	2	2									1					1					
15	Cancer and other malignant tumors	22	11	11												1	2	5	4	7	3	
16	Tumors, nonmalignant, or of which the nature is not specified	3	2	1															2		1	
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	5	2	3															3	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																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	9	4	5										1			1	2	3	2		

Rate per 1,000 population, 10.0.

TABULATION OF DEATHS IN WESTFIELD TOWN FOR 1937, 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	162	86	76	12	8					8	4	7	11	5	12	24	32	32	25	2	
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	11	4	7	3								2	3	2	2		2				
11	Other forms of tuberculosis																					
12	Syphilis	1		1	1												1					
13	Malaria																					
14	Other infectious and parasitic diseases	2	2									1					1					
15	Cancer and other malignant tumors	22	11	11											1	2	5	4	7	3		
16	Tumors, nonmalignant, or of which the nature is not specified	3	2	1														2		1		
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	5	2	3														3	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																					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	9	4	5										1			1	2	3	2		

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Rate per 1,000 population, 8.8.

TABULATION OF DEATHS IN WARREN COUNTY FOR 1937, 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	646	342	304	11	24	3	2	2	3	34	5	18	25	29	47	82	128	144	111	23	...
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles	3	1	2																		
5	Scarlet fever	1	1						1	1	1	1	1									
6	Whooping cough																					
7	Diphtheria																					
8	Influenza	11	4	7																		
9	Plague																					
10	Tuberculosis of the respiratory system	18	9	9	1									5	4	1	4	4				
11	Other forms of tuberculosis	2	1	1			1				1		1									
12	Syphilis	5	4	1	2																	
13	Malaria																					
14	Other infectious and parasitic diseases	3	3											1	1			1				
15	Cancer and other malignant tumors	65	37	28	1										1	4	19	20	12	7	2	
16	Tumors, nonmalignant, or of which the nature is not specified	6		6												2	3	1				
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	9	3	6														3	4	1	1	
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings	8	3	5		1					1			1	2		3	1				
21	Progressive locomotor ataxia and genera- l paralysis of the insane	1	1																1			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	63	32	31	1									1		4	3	15	18	20	2	

23	Other diseases of the nervous system and of the organs of special sense	7	3	4	1	2	1	.....	3	.....	1	.....	1	.....	1	.....	1	.....
24	Diseases of the heart	215	110	105	3	.....	.....	1	1	.....	3	7	12	26	43	64	48	11
25	Other diseases of the circulatory system	19	9	10	.....	.....	.....	.....	.....	1	.....	2	2	1	3	7	3	.....
26	Bronchitis	3	.....	3	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	.....	.....
27	Pneumonias	38	23	15	1	8	1	1	10	2	1	2	2	4	4	8	2	3
28	Other diseases of the respiratory system (tuberculosis excepted)	3	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	1	.....
29	Diarrhoea and enteritis	5	3	2	.....	2	.....	.....	2	.....	2	.....	.....	.....	.....	1	.....	.....
30	Appendicitis	7	4	3	.....	.....	.....	1	1	.....	6	.....	.....	.....	.....	.....	.....	.....
31	Diseases of the liver and biliary passages	12	5	7	.....	.....	.....	.....	.....	1	.....	1	2	2	4	1	1	.....
32	Other diseases of the digestive system	18	11	7	.....	1	.....	.....	1	.....	.....	1	5	2	3	6	.....	.....
33	Nephritis	43	25	18	.....	1	.....	.....	1	.....	.....	1	4	3	13	13	8	.....
34	Other diseases of the genitourinary system	13	7	6	.....	.....	.....	.....	.....	1	2	1	2	3	3	3	1	.....
35	Puerperal septicemia	2	.....	2	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....
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	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	9	4	5	.....	9	.....	.....	9	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Suicide	12	10	2	.....	.....	.....	.....	.....	.....	4	.....	1	1	2	4	.....	.....
41	Homicide .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	42	27	15	1	.....	.....	1	1	2	2	6	3	3	3	7	4	8
43	Cause of death not specified or ill-defined .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Estimated population, 50,900.

Total resident deaths, 646.

Rate per 1,000 population, 12.6.

TABULATION OF DEATHS IN PHILLIPSBURG TOWN FOR 1937, 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	199	109	90		7					7	2	8	9	12	16	23	45	47	27	3	
1	Typhoid and paratyphoid fever																					
2	Typhus fever																					
3	Smallpox																					
4	Measles																					
5	Scarlet fever																					
6	Whooping cough																					
7	Diphtheria																	1				
8	Influenza	2	1	1										1				1				
9	Plague																					
10	Tuberculosis of the respiratory system	6	1	5											3	2		1				
11	Other forms of tuberculosis	1	1										1									
12	Syphilis	2	2																			
13	Malaria																					
14	Other infectious and parasitic diseases																					
15	Cancer, and other malignant tumors	22	13	9																		
16	Tumors, nonmalignant, or of which the nature is not specified																					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	2	1	1																		
19	Alcoholism (acute or chronic)																		1	1		
20	Other general diseases and chronic poisonings	1	2	2																		
21	Progressive locomotor ataxia and general paralysis of the insane														1	1		2				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	20	9	11																		

Rate per 1,000 population, 9.9.

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